APPENDIX G.1

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

3510 & 3606 EXPOSITION BOULEVARD
3501 & 3515 RODEO ROAD, AND
3630-3644 CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

Prepared For:
Watt Investment Partners, LLC

Prepared By:
Ramboll US Corporation
Irvine, California

Date
September 2019

Project Number
1690011671

SIGNATURE AND ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Rebekah J. Wale, PG
Senior Managing Consultant

Leo Rebele
Principal

Ramboll US Corporation
5 Park Plaza
Suite 500
Irvine, California 92614

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APPENDICES

1. SUMMARY OF CONCLUSIONS

Ramboll US Corporation (Ramboll) was retained by Watt Investment Partners, LLC (Watt) to perform a Phase I Environmental Site Assessment (ESA) of the properties located at 3510 & 3606 Exposition Boulevard, 3630 & 3644 Crenshaw Boulevard, and 3501 & 3515 Rodeo Road[1] in Los Angeles, California (herein referred to as the "facility" or the "site"; see Figures 1 and 2). Ramboll's assessment was conducted in connection with pre-acquisition due diligence activities. Watt will be entering into a long-term ground lease to develop proposed commercial and residential improvements on the site but the Los Angeles County Metropolitan Transportation Authority ("LACMTA") (the current owner of the site) will retain ownership of the land and responsibility for the LACMTA improvements (*e.g.*, the train line tunnel, portal to go underground, etc.).

The objective of the Phase I ESA, which was conducted in conformance with the scope and limitations of ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-13 (the "ASTM Standard") and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312, was to identify Recognized Environmental Conditions (RECs), as defined in the ASTM Standard (see Section 2.1).

1.1 Site Summary

The site, which is located in Los Angeles, California, is comprised of two adjoining properties separated by Crenshaw Boulevard and includes an approximately 1.7-acre parcel located at 3606 Exposition Boulevard (the "West Block") and five contiguous parcels totaling approximately 1.7-acres located at 3501 & 3515 Rodeo Road, 3510 Exposition Boulevard, and 3630 & 3644 Crenshaw Boulevard (the "East Block"[2]). The County of Los Angeles (the "County") and LACMTA own the West Block and East Block, respectively. At the time of the site visit, the West Block was developed with an approximately 22,401-square-foot building (the "LA Probation Building") operated by the Los Angeles County Probation Department; and the East Block was undeveloped but undergoing construction as the Crenshaw/LAX Transit Corridor station on its western portion.

The site was primarily vacant until at least 1938, when small structures were present at the East and West Blocks. By 1948, a building and parking lot used for grocery operations by Ralph's Grocery Co. Retail Market (Ralph's) were present on the West Block, which continued to operate until at least 1969. The LA Probation Building was developed on the West Block in 1973 and has since been operated by the Los Angeles County Probation Department. Between approximately 1950 and 1971, the East Block was occupied by two oil and gasoline filling stations in the western and southern portions of the East Block, respectively.

Various occupants associated with the former gasoline stations are listed in the city directory records; but it is not clear whether they were a single entity or separate entities based on city directory and agency records reviewed. By the 1970s, multiple buildings were present on the East Block and occupied by various tenants, including a school, community care & development services company, fast food restaurants, a chili factory (possibly a restaurant), and a laundromat.

[1] Rodeo Road has been renamed to Obama Boulevard. The addresses 3501 & 3515 Rodeo Road are historical addresses that are no longer in use for the parcel.

[2] For the purposes of this report, the East Block addresses will be referred to as 3630-3644 Crenshaw Boulevard.

1.2 Recognized Environmental Conditions

Ramboll performed a Phase I ESA of the site located at 3606 Exposition Boulevard and 3630-3644 Crenshaw Boulevard in Los Angeles, California in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed the following RECs in connection with the site:

- **East Block – On-Site Soil and Groundwater Contamination.** As discussed in more detail below, soil, soil vapor, and groundwater at the East Block of the site are environmentally impacted by various contaminants at concentrations exceeding current regulatory screening levels, and further suggest a potential for a vapor encroachment condition (or "VEC") to exist at the site.
  - **On-Site Operations -** A review of historical records indicated that chemically-intensive historical operations were conducted at the East Block including (approximate dates in parentheses): gasoline service stations (between 1948 and 1981), automobile repair (1948), vehicle washing (between 1961 and 1968), and commercial laundering (between 2006 and 2014). These former site operations may have included the use of petroleum products, solvents, paints, adhesives, and/or other chemicals. Additionally, a number of underground storage tanks (USTs) were formerly known to be present in the southwestern quadrant of the East Block (Figure 2) in association with the historical site operations detailed above.

    In response to environmental concerns associated with historical operations at the East Block, as identified by a 2012 Phase I ESA,[3] Tetra Tech, Inc. (Tetra Tech) conducted soil and soil gas sampling at the five parcels that comprise the East Block (*i.e.*, parcels 5044-002-901 to 5044-002-905) and groundwater sampling on the 5044-002-901 and 5044-002-903 parcels. Of the two groundwater grab samples collected, the groundwater grab sample collected on the 5044-002-903 parcel indicated the presence of fuel constituents as well as volatile organic compounds (VOCs) (*i.e.*, trichloroethene [TCE]), with TCE and benzene detected at concentrations exceeding their respective California Maximum Contaminant Levels (MCLs). The soil and soil gas investigations conducted on the 5044-002-904 and 5044-002-905 parcels did not indicate any significant contamination, but soil and soil gas sampling conducted on the 5044-002-901 to 5044-002-903 parcels indicated the presence of fuel constituents and petroleum fuel-related VOCs above their respective residential screening levels (in light of the contemplated residential redevelopment of the site).
  - **Crenshaw/LAX Transit WDR Monitoring -** In addition to Tetra Tech's on-site subsurface sampling activities, groundwater monitoring was conducted near the East Block in connection with Waste Discharge Requirements (WDRs) during the development of the Crenshaw/LAX Transit Project in the western portion of the East Block. The most recent WDR report[4] provided groundwater sampling results from two nearby off-site groundwater wells, B-13B and B-7C, reportedly located upgradient and downgradient of the East Block, respectively.[5] Samples collected from the two wells in April of 2016 indicated the presence of tetrachloroethene (PCE)

[3] "Phase I Environmental Site Assessment Crenshaw/Rodeo Properties; Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506; 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard Los Angeles, California 90018", prepared by Tetra Tech, Inc., dated June 2012

[4] "Los Angeles County Metropolitan Transportation Authority Crenshaw/LAX Transit Corridor Project Order No. 93-010 (Series No. 048), File No. 15-087 Groundwater Monitoring Report Monitoring Period: April 1 – June 30, 2016", prepared on September 23, 2016 (the "2016 WDR report")

[5] Specific location information for wells B-13B and B-7C was not provided in the information reviewed.

at concentrations of 12.5 and 14.3 micrograms per liter (µg/L) in wells B-13B and B-7C, respectively, and TCE detections of 4.27 and 5.69 µg/L in wells B-13B and B-7C, respectively. No other VOCs were detected in these samples. The PCE and TCE detections exceeded their associated California MCLs of 5 µg/L, for both compounds in B-7C and PCE in B-13B.

- **Off-Site Dry Cleaner Impacts to Groundwater -** Additionally, the East Block adjoins the north of Cameo Cleaners, an off-site former dry cleaning facility that operated between approximately 1954 and 2012, which is listed on GeoTracker with a project status of "*Open – Remediation as of 3/1/2010,"* for PCE and TCE impacts to soil and groundwater. A number of subsurface investigation and remediation activities have occurred on the Cameo Cleaners property. In the most recent groundwater monitoring report[6] for the Cameo Cleaners property, groundwater flow direction was calculated to flow south, away from the East Block; however, groundwater flow in this area is variable, as it was calculated to flow north, towards the East Block, in former groundwater monitoring reports (i.e., Q2 2018).

  The closest groundwater monitoring well to the site (MW-2), located approximately 60 feet south of the East Block's southeastern site boundary across Obama Boulevard, was sampled on June 11, 2019. The detections included PCE at 270 µg/L, TCE at 79 µg/L, and cis-1,2-dichloroethylene (cis-1,2-DCE) at 14 µg/L; all of which exceed their respective MCLs. Two additional dry cleaner facilities are located in the immediate vicinity of the site; specifically, Comet Cleaners is adjoining south of the West Block portion of the site and System Cleaners is located approximately 275 feet north of the West Block portion of the site. System Cleaners is also listed on the GeoTracker database with limited information related to groundwater impacts by VOCs, similar to those of Cameo Cleaners.

  Due to the presence of soil, soil gas, and groundwater contamination at the site, the risk of a potential vapor intrusion concern associated with residual contamination at the site cannot be ruled out. Ramboll notes that due to the large excavation (estimated to be at least 50 feet deep) and subsequent soil removal activities associated with the development of the subway tunnel in the western portion of the East Block, a significant volume of soil has been removed from the area. Ramboll further opines that any USTs historically located along the western boundary of the East Block likely would have been removed during construction. However, Ramboll was not provided with any information regarding remediation activities and/or soil disposal performed on the East Block as part of the LACMTA project.

  Ramboll notes that the soil and soil gas sampling activities conducted at the East Block detected only fuel constituents, and not any chlorinated VOCs (*i.e.*, PCE, TCE). The presence of chlorinated VOCs in groundwater at the site, therefore, appears to be the result of in-migrating VOCs that were released from the off-site dry cleaner sources. If contamination associated with the off-site property(ies) is found to have migrated onto the site, it is expected that any remedial activities would be the responsibility of the entity(ies) named in the listing or other designated responsible party and not the site owner(s) or occupant(s). The potential benefits of vapor mitigation measures, however, should be evaluated.

- **West Block –** No RECs identified**.**

[6] "Groundwater Monitoring Report Second Quarter 2019 Former Cameo Cleaners 3650 Crenshaw Boulevard, Los Angeles, California LARWQCB Case #0545" prepared by Apex Companies, LLC on July 15, 2019 (the "2019 Cameo Cleaners groundwater monitoring report").

1.3 Notable Other Findings

Although not considered to be RECs, Ramboll identified the following notable other findings. The term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

- **East Block – Potential Presence of Unknown Features/Impacted Soil.** Due to incomplete agency records, the precise locations and installation and/or removal dates (if any), for many USTs were not available. Additionally, given the extended history of commercial operations (*e.g.*, automotive repair, fueling services) conducted at the East Block, and as evidenced by the discovery of an empty petroleum-related 280-gallon UST on January 14, 2016, during general construction activities, Ramboll cannot rule out the possibility that additional subsurface features (*e.g.*, USTs, sumps) and/or areas of impacted soil may be encountered during future redevelopment activities at the site. UST documentation (*e.g.*, No Further Action [NFA]/closure letters) for most of the former East Block USTs was not available for review either within agency records or the GeoTracker database. The absence of UST closure documentation represents a significant data gap, as defined in Section 6.2. Therefore, further investigation into the potential presence of USTs at the site, and the adequacy of prior UST closures, will need to be further evaluated.
- **West Block - Potential Migration of Contamination from Adjoining Gasoline Station.** The Shell Service Station (Shell) is adjoining southeast of the West Block and across Crenshaw Boulevard to the west from the East Block. The Shell property is listed on the UST, Leaking UST (LUST), and GeoTracker databases for a release to the subsurface from gasoline dispensing operations. The Shell property was closed under the Low Risk Case Closure process and is listed on GeoTracker with a project status of "*Completed - Case Closed as of 1/4/2013."* The most recent groundwater monitoring report[7] for the property available on GeoTracker, however, indicated that a sampling event was conducted on June 14, 2012.

  Specifically, groundwater monitoring well MW-5, located approximately 25-feet south of the LA Probation Building, was sampled for TPHg, benzene, methyl tert-butyl ether (MTBE), and tert-butyl alcohol (TBA). Of these fuel constituents, MTBE and TBA were detected at 1.2 µg/L and 491 µg/L, respectively. MTBE did not exceed its California MCL of 13 µg/L, and TBA does not have a California MCL. Of the groundwater monitoring wells sampled for the Shell release, only one groundwater contaminant exceeded its respective its California MCL, which was benzene at 46.8 µg/L; the associated monitoring well (MW-4) was located at Crenshaw Boulevard between the West and East Blocks. Groundwater flow was calculated to the south, away from the West Block.

  Although the Shell property received regulatory closure and groundwater flow was calculated to flow to the south – *i.e.*, away from the site –due to the proximity of the Shell property to the site and that vapor intrusion was not evaluated as part of the Shell's subsurface investigations, the risk of contaminant migration and a VEC to the site from the Shell release cannot be ruled out. If contamination associated with the Shell property is found to have migrated onto the site, it is expected that any remedial activities would be the responsibility of the entities named in the

[7] Request for Site Closure Second Quarter 2012 Groundwater Monitoring Report Shell Branded Service Station 3645 South Crenshaw Boulevard Los Angeles, California SAP# 135543 Case No. 900160361, prepared by URS Corporation on July 12, 2012 (the "Shell groundwater monitoring report")

listing(s), if listed, or other designated responsible party and not the site owner(s) or occupant(s). The potential benefits of vapor mitigation measures, however, should be evaluated.

1.4 Non-Scope Considerations

Ramboll identified the following findings that relate to non-scope considerations (as discussed in Section 2.2), as detailed below:

- **Asbestos-Containing Materials (ACMs).** The East Block was not developed with buildings at the time of the site visit. According to facility personnel, asbestos sampling and abatement activities were conducted at the LA Probation Building in 2012. Ramboll was provided with the 2012 Asbestos report[8], which summarized the results of asbestos air sampling conducted following asbestos abatement activities. Although the 2012 Asbestos report didn't provide specifications of an asbestos survey(s) or abatement(s), it indicated that asbestos-containing floor tile/mastic and cove base/mastic were abated from various locations showing damaged floor tiles between November 30 and December 1, 2012. The results of the asbestos air sampling indicated that there were no recognized health hazards from airborne asbestos fibers.

  Ramboll conducted visual observations of limited areas of the LA Probation Building and noted presumed asbestos-containing materials (PACMs) (e.g., thermal system insulation associated with the heating/cooling system and piping in the mechanical room, vinyl floor tile) and other materials that may contain asbestos (e.g., suspended ceiling tiles, roofing materials, vinyl cove base). The PACMs and suspect ACMs that were observed by Ramboll did not appear to be extensively damaged, broken or deteriorated.

  Although ACM abatement activities have been conducted at the LA Probation Building, due to the absence of a comprehensive asbestos survey report and based on the age of the LA Probation Building, which was constructed prior to the time when ACMs were phased out of use in building materials in the early 1980s, Ramboll cannot rule out the potential presence of ACMs in building materials at the LA Probation Building. Therefore, prior to demolition or renovation activities with the potential to affect PACMs or suspect ACMs, further evaluation should be completed to evaluate whether special worker protection measures or disposal procedures are necessary.

- **Water Intrusion/Mold.** The East Block was not developed with buildings at the time of the site visit. Ramboll did not perform a mold survey at the site; however, facility personnel provided information regarding past water intrusion events at the LA Probation Building. Facility personnel reported that in early 2019, a plugged roof drain near the northwestern corner of the LA Probation Building resulted in water pooling on the rooftop and, eventually, roof leaks. These roof leaks were reportedly addressed the same day on which they were discovered. Facility personnel provided a 2019 Mold Assessment report[9] for the incident, which indicated that on February 2, 2019, moisture-impacted areas (e.g., cubicle, conference room) were visually inspected for mold related impacts and bulk, swab, and spore trap air samples were collected. The indoor air sampling results of the mold assessment indicated higher concentrations of mold spores in outdoor areas compared to indoor areas, and the tape lift sampling exhibited no microbial spores. As such, the Mold report

[8] "Asbestos Removal Close-Out Report: Probation Department Crenshaw Area Office 3606 Exposition Blvd", prepared by Alliance Environmental Group on December 3, 2012 (the "2012 Asbestos report").

[9] "Microbial Mold Assessment Crenshaw Area Office 3606 W Exposition Boulevard Los Angeles, California 90016", prepared by Environmental Engineering, Inc. on February 4, 2019 (the "2019 Mold assessment report").

concluded "*microbial remediation is not recommended at the site at present*". Accordingly, Ramboll recommends no further investigation regarding this issue.

- **Lead-Based Paint.** Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction date of the LA Probation Building in approximately 1973, it is possible that lead-based paint was used historically on facility structures. Facility personnel were not aware of the presence of any lead-based paint on structures at the facility. Ramboll observed the paint to be in good condition. Prior to any renovation or demolition activities with the potential to disturb painted surface, Ramboll recommends that any lead-based paint at the site be removed in accordance with all applicable laws, including guidelines of the Occupational Safety and Health Administration ("OSHA").
- **Lead in Drinking Water.** Drinking water is supplied to the site by the Los Angeles Department of Water and Power (DWP) and, therefore, would be expected to comply with state standards, such that lead is unlikely to be present at concentrations above those standards. According to the "*Drinking Water Quality Report 2018*" prepared by DWP, the most recent monitoring of lead concentrations at-the-tap was conducted in 2018. The *Drinking Water Quality Report 2018* summarized the results of the 2018 lead in tap water, indicating that of 103 locations sampled, only 1 exceeded the action level (i.e., 15 micrograms per liter [µg/L]) for lead. The *Drinking Water Quality Report 2018* concluded that Los Angeles has and continues to be in compliance with the lead and copper regulation, based on residential sampling. Based on the information obtained from the *Drinking Water Quality Report 2018*, it appears that drinking water standards are compliant with Federal and State regulations. Ramboll recommends no further investigation regarding this issue.
- **Radon.** Based on information included in the EDR database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon levels between 2 and 4 picoCuries per liter (pCi/L). The USEPA's continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L. This USEPA continuous exposure limit applies to residential, not commercial, properties. According to the California Radon database, of six tests conducted in the same zip code as the site, none exceeded 4.0 pCi/L. A USEPA survey conducted in the in Los Angeles County found that the average radon level of a first floor room at 63 locations was 0.711 pCi/L. Ramboll concludes that radon appears unlikely to represent an environmental concern to the site and recommends no further investigation regarding this issue.

2. INTRODUCTION

2.1 Purpose

Ramboll was engaged by Watt to conduct a Phase I ESA of the site. Ramboll's assessment was conducted in connection with due diligence activities. Watt will be entering into a long-term ground lease to develop proposed commercial and residential improvements on the site. LACMTA (the current owner of the site) will retain ownership of the land and responsibility for the LACMTA improvements (e.g., the train line tunnel, portal to go underground, etc.). The purpose of the assessment was to identify RECs, which are defined in the ASTM Standard as follows:

> "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions."

2.2 Scope of the Assessment

Ramboll reviewed the information referenced below and performed the following tasks, in completion of the Phase I ESA of the site:

- Visits to the West and the East Blocks by Patrick Naffah of Ramboll on May 8, 2019, and July 18, 2019, respectively; to observe the exterior and interior features of the site and to identify the uses and conditions specified in the ASTM Standard. In addition, Ramboll observed the adjoining properties from the site or adjacent public thoroughfares. Photographs taken during the site visit are presented in Appendix A.
- An interview during the site visit with Shannon Walker, Senior Environmental Specialist with LACMTA, and Adrian Perera, Head of Facilities Operations with the County; who have been associated with the site for at least 2 and 10 years, respectively. The aforementioned individuals are referred to herein as "facility personnel." The facility personnel interviewed by Ramboll were identified by the Company as having good knowledge of the uses and physical characteristics of the site.
- A review of information contained in federal and state environmental databases, as obtained from the sources noted below:
  - A radius report prepared by EDR, Inc. (EDR, see Appendix B), which presents the results of searches of federal and state databases for the site, as well as properties near the site. The radius searched for each database, as well as the databases themselves, was selected in accordance with the ASTM Standard.
  - The USEPA's EnviroFacts database, which provides site information contained in multiple USEPA regulatory databases.
  - A review of the California Water Resources Control Board's GeoTracker website (GeoTracker), which provides information with respect to releases to soil and groundwater in the site vicinity.
  - A review of the California Department of Toxic Substances Control's EnviroStor (EnviroStor) website, which provides information with respect to property cleanups in the site vicinity.

- A review of the California Division of Oil, Gas, and Geothermal Resources (DOGGR) website, which provides information regarding the locations of oil and gas wells on and in the vicinity of the site.

- A review of standard historical sources (included as Appendix C) and local agency inquiries, as defined in the ASTM Standard. The following resources were reviewed:
  - Readily available historical sources (as identified in Section 4.2 of this report and included as Appendix C) to develop a history of the previous uses of the site and surrounding area.
  - Local building permit information, as obtained via EDR's Lightbox application.
  - Historical and site-specific information obtained from the following local agencies: City of Los Angeles Fire Department, Central – Haz Mat Division (Haz Mat Division); City of Los Angeles Fire Department, Central – Plan Check/UG Tank Div (Plan Check/Underground Tank Division); City of Los Angeles Public Works – Industrial Waste (Public Works); the City of Los Angeles Building Department (Building Department); and the Los Angeles County Assessor's Office (Assessor). Ramboll also requested information from the Los Angeles County Fire Department – Health Hazardous Materials Division (HHMD), but personnel from this agency reported having no information pertaining to the site.
  - A Freedom of Information Act (FOIA) request to the California DTSC and to the California State Water Resources Control Board (SWRCB) regarding nearby properties listed on contamination-related databases. A response had not yet been received from the SWRCB at the time the report was completed.

- A review of documents provided to Ramboll by facility personnel, including well decommissioning reports, a mold assessment report, an NFA letter, an asbestos air sampling report, future site plans, an excavation drawing, and a title report. In addition, Ramboll was provided with the following previous environmental assessment and sampling reports, which are included as Appendix D:
  - *Asbestos Removal Close-Out Report: Probation Department Crenshaw Area Office 3606 Exposition Blvd,* prepared by Alliance Environmental Group on December 3, 2012 (the "2012 Asbestos Report");
  - *Phase I Environmental Site Assessment Crenshaw/Rodeo Properties; Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506; 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard Los Angeles, California 90018*, prepared by Tetra Tech, Inc., dated June 2012 (the "2012 Phase I Report");
  - *Phase II Environmental Site Assessment (ESA) Report Parcel Number – CR-4505 3515 Rodeo Road Los Angeles, CA 90016 LACMTA Contract Number - PS136510023,* prepared by Tetra Tech, Inc., dated February 2013 (the "3515 Rodeo Phase II Report");
  - *Phase II Environmental Site Assessment (ESA) Report Parcel Number – CR-4503 3642 to 3646 Crenshaw Boulevard Los Angeles, CA 90016,* prepared by Tetra Tech, Inc., dated February 2013 (the "3642 to 3646 Crenshaw Phase II Report");
  - *Phase II Environmental Site Assessment (ESA) Report Parcel Number – CR-4504 3630 Crenshaw Boulevard Los Angeles, CA 90016 LACMTA Contract Number - PS136510023,* prepared by Tetra Tech, Inc., dated March 2013 (the "3630 Crenshaw Phase II Report");

- *Phase II Environmental Site Assessment (ESA) Report Parcel Number – CR-4506 3510 Exposition Boulevard Los Angeles, CA 90016 LACMTA Contract Number - PS136510023,* prepared by Tetra Tech, Inc., dated March 2013 (the "3510 Exposition Phase II Report");
- *UST Soil Report 3644 Crenshaw Blvd. Los Angeles, CA 90016 Crenshaw/LAX Transit Corridor Project – Exposition Station Site LAFD Unified Program Facility ID: FA0039185 Permit No.: SR0031193,* prepared by Kroner Environmental Services, Inc. on February 16, 2016 (the "2016 Soil Sampling Report"); and
- *Microbial Mold Assessment Crenshaw Area Office 3606 W Exposition Boulevard Los Angeles, California 90016*, prepared by Environmental Engineering, Inc. on February 4, 2019 (the "2019 Mold assessment Report").

- A review of physical setting sources, as defined in the ASTM Standard, including the following:
  - The current United States Geological Survey (USGS) 7.5-minute topographic map that shows the area on which the site is located.
  - Geologic, hydrogeologic, or hydrologic sources as provided in the environmental database report and in the previous environmental reports for the site, as listed above.
- A search for environmental liens or other activity and use limitations (AULs) for the site on the EnviroStor's Land Use Restrictions database.
- A review of any information provided by the User of this assessment, including information consistent with Appendix X3 of the ASTM Standard. Pertinent information, if any, is discussed in the appropriate sections of this report.

This assessment was conducted in accordance with the methodology specified in ASTM Standard E1527-13 and AAI, and with the terms and conditions of the Master Services Agreement between Ramboll and Watt (the "MSA"). In the event of any conflict between the terms and conditions of this report and the terms and conditions of the MSA, the MSA shall control. The standard ASTM scope was expanded to include a limited review of the potential presence of asbestos-containing materials, lead-based paint, lead in drinking water, mold, and radon based solely on: (i) the ages of the buildings (and prior reports, if any) for the potential presence of asbestos and lead-based paint; (ii) information and answers provided on a water intrusion questionnaire completed during the site walk with site representatives for the potential presence of mold; (iii) information obtained from online sources regarding lead in drinking water in water sources supplied to the site; and (iv) information provided in the EDR report for the potential presence of radon.

2.3 Reliance and General Limitations

This report has been prepared for the exclusive use of Watt and may not be relied upon by any other person or entity without Ramboll's prior express written permission, except as set forth in the MSA.

This report is considered current only for a period of 180 days from the site inspection. The conclusions presented in this report represent Ramboll's professional judgment based upon the information available and conditions existing as of the date of this report. In performing its assignment, Ramboll reviewed publicly available information, information provided by the client, and information provided by third parties – but can neither warrant nor guarantee the completeness or accuracy of such information. This review is not intended as legal advice, nor is it an exhaustive review of site conditions or facility compliance. Ramboll makes no representations or warranties, expressed or implied, about the conditions of the site.

Ramboll's scope of work for this assignment did not include collecting samples of any environmental media. As such, this review cannot rule out the existence of latent conditions including contamination not identified and defined by the data and information available for Ramboll's review; however, this report is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such latent conditions.

The scope of work for this assessment did not include an asbestos survey or inspection. According to federal OSHA regulations (29 CFR §1910.1001) and the Model Accreditation Plan (MAP; 40 CFR Part 763, Subpart E, Appendix C), the inspection, testing, evaluation, and/or sampling of suspect asbestos-containing materials must be conducted by an accredited inspector; these activities were not performed as part of this environmental review. Comments in this report regarding the condition of building materials at the site, including presumed or suspect ACM, represent only Ramboll's observations at the time of the site visit and are not intended to be consistent with definitions regarding ACM condition in the Asbestos Hazard Emergency Response Act (AHERA) or in other federal or state asbestos regulations or industry standards.

Other issues considered outside the scope of the ASTM Standard and this review include regulatory compliance, wetlands, PCBs in building materials, cultural and historic resources, ecological resources, endangered species, and high voltage power lines.

3. SITE DESCRIPTION

3.1 Site Setting

The approximately 3.4-acre site consists of the West and East Blocks, separated by Crenshaw Boulevard, and is located approximately four miles southwest of downtown Los Angeles (Figure 1). The West and East Blocks are owned by the County and the LACMTA, respectively. The addresses and APNs associated with the site are further detailed in the table below:

Table 1: Site Addresses and Assessor Parcel Numbers (APNs)

Area of Site	Building Name/Occupant	Address and APN	Approximate Building Square Footage	Number of Stories
West Block (approximately 1.7 acres)	LA Probation Building	3606 Exposition Boulevard, APN: 5046-022-900	22,401	1
East Block* (approximately 1.7 acres)	No current building structure(s)	3501 Rodeo Road* APN: 5044-002-905 Former APN: 5044-002-009	N/A	N/A
	No current building structure(s)	3510 Exposition Boulevard APN: 5044-002-902 Former APN: 5044-002-010	N/A	N/A
	No current building structure(s)	3515 Rodeo Road* APN: 5044-002-904 Former APN: 5044-002-008	N/A	N/A
	No current building structure(s)	3630 Crenshaw Boulevard APN: 5044-002-901 Former APN: 5044-002-007	N/A	N/A
	No current building structure(s)	3644 Crenshaw Boulevard APN: 5044-002-903 Former APN: 5044-002-006	N/A	N/A

Notes:

* The East Block was not developed with buildings at the time this assessment was conducted. The addresses listed for the East Block were associated with former buildings.

* Rodeo Road has been renamed as Obama Boulevard.

N/A = Not Applicable.

As previously noted, the West Block is developed with the LA Probation Building with associated parking areas to the east. At the time of the site visit, the East Block was not developed with building structures, but undergoing construction activities for the Crenshaw/LAX transit station. A large underground subway tunnel is present at the East Block. The West and East Blocks are accessed via Obama Boulevard and Exposition Boulevard at the southern and northern site boundaries, respectively. Landscaped areas are present in the vicinity of the LA Probation Building and within its associated parking areas. A light rail spur operated by LACMTA is present along the northern site boundary of both the West and East Blocks. There are no on-site surface water bodies.

Table 2 provides an overview of physical setting and utility information for the site.

Table 2: Physical Setting and Utility Information

Conditions	Source	Description
Topography		
Elevation (above mean sea level)	USGS topographic map; Google Earth	Ranges from approximately 112 feet near the western boundary of the Western Block to 114 feet near the eastern boundary of the Eastern Block.
Topographic Gradient	USGS topographic map; visual observations	Relatively flat on-site, with a gentle downward slope to the west. Regional topography slopes gently downward to the west.
Hydrology		
Storm Water Runoff	Visual observations	West Block – Storm water from the roof enters rooftop drains that route to the parking areas, where it sheet flows north or south to Exposition Boulevard or Obama Boulevard, respectively, after which, it enters the municipal storm sewer system. Storm water also percolates into landscaped areas. East Block – Storm water percolates into landscaped and unpaved areas, and also sheet flows from paved or impermeable areas to roads surrounding all sides of the East Block.
Nearest Surface Water Body to the Site	USGS topographic map; Visual observations	Ballona Creek, located approximately two miles to the northwest at its nearest point. The Creek ultimately discharges to the Pacific Ocean.
Flood Plain	FEMA*; Facility personnel	Facility personnel reported no known occurrences of flooding at the site. The site is located within a 500-year flood zone but outside of a 100-year flood zone.
Wetlands	NWI*; Visual observations	There are no federally-designated wetlands on-site.
Geology and Hydrogeology		
Presumed Direction of Shallow Groundwater Flow	3642 to 3646 Crenshaw Phase II report; GeoTracker	According to the 3642 to 3646 Crenshaw Phase II report, groundwater flow direction at the East Block was inferred to be to the northwest. However, groundwater at the Cameo Cleaners property adjoining south of the East Block and the Shell Service Station adjoining south of the West Block was calculated to flow to the south. Groundwater flow in the vicinity of the site is variable in response to pumping (such as dewatering activities performed at the LACMTA transit station during construction).

Table 2: Physical Setting and Utility Information

Conditions	Source	Description
Depth to Groundwater	Watt (User)	On behalf of Watt, Geocon West, Inc. conducted soil investigation activities in mid-2019 and reported that groundwater was encountered at the site at 18 and 20 feet bgs.
On-site Wells	Facility personnel; Visual observations; DOGGR	There are no production, injection, or oil or gas wells on-site. A groundwater monitoring well was observed along the eastern site boundary of the West Block. The groundwater monitoring well and former on-site wells are discussed in Section 5.2.8.
Nearest Groundwater Supply Wells	Database report	No federal or public supply registered wells are present within one mile of the site.
Geologic Conditions	3642 to 3646 Crenshaw Phase II report	A review of on-site soil boring logs from the *3642 to 3646 Crenshaw Phase II report*, indicated that soils at the East block consist of silts with sand, clay with silts, and silts with sand and clay.
Site Utility Information		
Heating and Cooling Equipment	Facility personnel	The cargo containers associated with construction activities at the East Block are also cooled with small window air conditioning units. The LA Probation Building is heated via natural-gas fired heating units and is cooled by two rooftop cooling towers, observed to contain R-22 refrigerant.
Natural Gas Service	Facility personnel	The West Block is provided with natural gas service. No natural gas service is provided to the East Block.
Use of Fuel Oil for Building Heat	Facility personnel	No current or former use of fuel oil reported.
Water Supply	Facility personnel	The site receives drinking water from the Los Angeles Department of Water and Power water system.
Sanitary Sewer	Facility personnel	The site discharges wastewater to the municipal sanitary sewer system.
Septic Systems	Facility personnel	No identified current or former septic systems.

Notes:

FEMA = Federal Emergency Management Agency; NCSS = National Cooperative Soil Survey;
NWI = National Wetlands Inventory; DOGGR = California Division of Oil, Gas, and Geothermal Resources

* - Source was provided in the environmental database report.

3.2 Current Use of Site

3.2.1 Current Operations

The West Block is developed with the LA Probation Building, which is currently occupied by approximately 50 County probation employees for office operations. According to facility personnel, operations on the West Block have remained generally consistent since its construction; however, Ramboll notes that the West Block was historically used as a grocery store between the 1940s and 1960s. As previously noted, the East Block is undergoing construction activities as a LACMTA transit station. At the time of the site visit, the subway tunnel (Photolog and Figure 2) was under construction with temporary/portable buildings and cargo containers at the East Block, in support of construction operations. Construction-related materials (e.g., cargo containers, concrete components, etc.) and equipment were also observed to be stored throughout the East Block.

According to facility personnel, no chlorinated solvents are currently used at the site and the use of such chemicals would not be expected based on the nature of current site operations; however, the East Block has been used for a variety of commercial operations (e.g. automotive repair, fueling services) with both known and unknown chemical usage.

3.2.2 Waste Management

Hazardous wastes are not routinely generated at the site, other than the generation of universal wastes (e.g., fluorescent light bulbs, batteries, aerosol cans) at the West Block from office operations and at the East Block from construction activities.

Nonhazardous waste generated at the West Block is limited to general trash and recyclable waste from typical office operations; which are collected in three open-top dumpsters positioned near the southwestern corner of the LA Probation Building. With respect to the East Block, nonhazardous waste consists of typical office wastes similar to those of the West Block, as well as construction wastes, such as packaging, plastic sheeting, soil from excavation operations, and scrap metal; these construction-related wastes are collected in two open cargo containers, the first in the central portion of the East Block and the second near the northwest corner of the East Block. Nonhazardous wastes generated at the East and West Blocks are hauled off site by Republic Services, Inc.

3.2.3 Wastewater and Storm Water

Wastewater generation at the West Block is limited to wastewater from bathroom and kitchen areas, and condensate from the rooftop cooling towers; which are discharged to the municipal sanitary sewer system. Floor drains were observed in restroom areas, but the janitorial closet could not be observed for additional drains due to access constraints during the site visit. Regarding the East Block, wastewater is limited to wastewater from restroom areas; however, according to information available on the GeoTracker database, wastewater was discharged from the East Block to groundwater in the Santa Clara River and Los Angeles River basins, in association with dewatering construction activities. The most recent document available on the GeoTracker database for the WDRs was a "*Request for Termination of Enrollment*" dated August 8, 2016, which appears to indicate wastewater is no longer generated from dewatering activities at the East Block; however, Ramboll notes that the GeoTracker listing for these WDRs was listed as "*active*" at the time this report was completed. Ramboll recommends that Watt requests confirmation of the permit close-out from LACMTA upon completion.

Storm water at the West Block enters rooftop drains that route to the site's parking areas, where it sheet flows north or south to Exposition Boulevard or Obama Boulevard, respectively after which, it enters the municipal storm sewer system. Storm water also percolates into landscaped areas. With

respect to the East Block, storm water percolates into landscaped and unpaved areas; it also sheet flows from paved or impermeable areas to roads surrounding all sides of the East Block.

3.2.4 Air Emissions

Air emissions at the West Block are limited to combustion products resulting from the operation of the site's natural-gas-fired comfort heating system. Air emissions at the East Block consist of construction vehicle (e.g., cranes, trucks) emissions and small air conditioning units. In addition, an emergency generator was present on the East Block which is operated on an occasional basis, as needed.

3.3 Current Uses of Adjoining Properties

The site is located in a mixed residential/commercial land use area. The nearest residential areas are adjoining west of the West Block and east of the East block. Based on discussions with facility personnel, Ramboll's visual observations from the site boundary and public rights-of-way, and a limited review of publicly-available information, a general evaluation of the current use of adjacent properties was developed, as described in Table 3.

Table 3: Current Use of Adjacent Properties

Direction	Property/Land Use	Ramboll's Observations
North	West Block – Exposition Boulevard and a Light Rail spur operated by LACMTA, beyond which is a strip mall, architectural firm, and a residential neighborhood.	No apparent exterior manufacturing or chemical storage operations were observed. Residential areas consist of single family homes. No environmental concerns were noted, with the exception of the dry cleaning facilities located north and adjoining south of the West Block, and the gas station adjoining south of the West Block. The potential impacts from these facilities to the site are discussed in Sections 4.1.4 and 6.
	East Block – Exposition Boulevard and a Light Rail spur operated by LACMTA, beyond which is a church and parking area.	
East	West Block – A gas station, beyond which is Crenshaw Boulevard and the East Block.	
	East Block – Bronston Avenue, beyond which is a residential neighborhood and a building which appears to be used for commercial purposes.	
South	West Block – A gas station and Obama Boulevard, beyond which is a dry cleaner and miscellaneous commercial businesses.	
	East Block – Obama Boulevard, beyond which is a plot of land undergoing redevelopment.	
West	West Block – Victoria Avenue, beyond which is a residential neighborhood.	
	East Block – Crenshaw Boulevard, beyond which is the West Block.	

Notes:

During the site visit, Ramboll walked or drove by the borders of these properties that are adjacent to the site. Ramboll did not enter the neighboring properties. The lack of access to the neighboring properties not represent a significant data gap.

4. REVIEW OF PUBLIC RECORDS AND OTHER INFORMATION SOURCES

4.1 Environmental Regulatory Database Review

Ramboll contracted with EDR in January 2019 to prepare a summary of listings in federal and state agency databases for the site and facilities within applicable radii of the site, as specified by the ASTM standard.[10] A copy of the environmental database search report is presented in Appendix B.

4.1.1 Database Review for Site

Ramboll reviewed the results of the state and federal environmental database searches performed by EDR (see Appendix B) and also reviewed information available in the California GeoTracker and EnviroStor databases. The site is listed on several environmental databases, as discussed in Table 4.

Table 4: Summary of Environmental Database Listings for the Site

Summary of Information Contained in Database	Ramboll's Comments
Crenshaw Expo Station (3644 Crenshaw Boulevard), which appears to be located in the East Block, is listed on the GeoTracker and EDR's Underground Storage Tank (UST) databases, which indicate that the USTs are permitted by the Los Angeles City Fire Department. No additional information was provided in the listings.	At the time of the site visit, facility personnel reported that all USTs at the East Block have been removed. Former USTs at the site are discussed in Sections 5.2.2 and 6. No additional information regarding UST removal activities was provided by LACMTA, except for documentation regarding a UST discovered on the East Block in 2016. Ramboll recommends that a soil management plan be implemented during future grading activities to ensure that any remnant USTs, that may not have been permitted and/or removed, are appropriately addressed.

[10] EDR uses the term "radii" to refer to the ASTM terminology "approximate minimum search distance" in the environmental database report.

Table 4: Summary of Environmental Database Listings for the Site

Summary of Information Contained in Database	Ramboll's Comments
The Crenshaw/LAX Transit Corridor Project (3646 South Crenshaw Boulevard), located within the Eastern Block, is listed on EDR's California Integrated Water Quality System (CIWQS) and GeoTracker WDR databases. The GeoTracker database indicates that the project status is "*Active – WDR as of 9/25/2015.*" The GeoTracker database included groundwater monitoring reports and various letters pertaining to WDRs. The WDR and CIWQS listings appear to be associated with chemical grouting operations for the project. A *Request for Termination of Enrollment* was submitted to the California Regional Water Quality Control Board for WDRs, but the listing appears active based on GeoTracker's active project status.	The most recent groundwater monitoring report available on GeoTracker titled *1st Quarter 2016 Groundwater Monitoring Report - Expo Station* (dated September 23, 2016) indicates that "*During this monitoring and reporting period it was determined that all discharges were in accordance with the waste discharge requirements specified in Order No. 93-010 Part E and that there were zero non-compliance events associated with the chemical grouting process.*" The discharges of the Crenshaw/LAX Transit Corridor Project appear to be in compliance based on the information reviewed; however, sampling activities near the site detected VOCs in groundwater. This matter is further discussed in Section 6.

Notes:

* The site is also listed on the following databases related to regulatory compliance: Facility Index System/Facility Registration System (FINDS), Enforcement Compliance Online (ECHO), and Facility and Manifest Data (HAZNET). Listings on these databases, by themselves, are not necessarily indicative of contamination.

The database search report includes listings for past site occupants that may indicate past use or storage of chemicals or petroleum products.

4.1.2 Database Review for Adjoining Properties

Based on a review of the environmental database search report, Ramboll identified the adjoining properties listed in Table 5 on databases indicative of a potential contamination concern.

Table 5: Contamination-Related Database Listings for Adjoining Properties[1]		
Listing Name or Address and Location Relative to the Site	**Summary of Information Contained in Database**	**Ramboll's Comments**
Shell Service Station 3645 Crenshaw Boulevard (Adjoining to the south and east of the West Block, and west of the East Block across Crenshaw Boulevard)	The property is listed on the UST, LUST, and GeoTracker databases for a release to the subsurface from gasoline dispensing operations. The property is listed on GeoTracker with a project status of "*Completed - Case Closed as of 1/4/2013.*" A *UST Low Risk Case Closure Review Form* dated October 24, 2012 was reviewed. A total of 12 groundwater monitoring wells at the Shell property and in the vicinity were most recently sampled in June 2012 for fuel constituents. Groundwater contaminants detected included TPH-g up to 293 µg/L, benzene up to 46.8 µg/L, MTBE up to 2.2 µg/L, and TBA up to 491 µg/L. Groundwater monitoring well MW-5, located approximately 25-feet south of the LA Probation Building, was sampled for TPHg, benzene, MTBE, and TBA. Of these fuel constituents, MTBE and TBA were detected at 1.2 µg/L and 491 µg/L, respectively. In addition to groundwater sampling activities, soil sampling was conducted at the Shell property between 2001 and 2009. Soil samples were collected from five monitoring wells (i.e., MW-1 to MW-5) in December 2006. Soil samples were collected from groundwater well MW-5, formerly located approximately 25 feet south of the LA Probation Building, detected benzene up to 0.020 mg/kg, toluene up to 0.025 mg/kg, ethylbenzene up to 0.0058 mg/kg, total xylenes up to 0.0133 mg/kg, MTBE up to 0.82 mg/kg, TBA up to 3.1 mg/kg, and ethyl tertiary-butyl ether (ETBE) up to 0.0078 mg/kg.	The *UST Low Risk Case Closure Review Form* indicates that the property meets all General Criteria components of the Low Threat Policy, and soil and groundwater remediation was not necessary. Because the matter has been granted regulatory closure by the state agency, it is reasonable to assume that the matter was appropriately evaluated in accordance with regulations in place at the time, and that remaining contamination, if any, is localized and unlikely to migrate at significant concentrations onto the site; however, due to the proximity of the Shell property to the site, and that vapor intrusion was not evaluated as part of the assessment of the Shell property, migration of contaminants to the site cannot be ruled out. This matter is further discussed in Section 6. Ramboll recommends that this issue be evaluated through the collection of soil vapor samples along the site boundary between the site and this property.

Table 5: Contamination-Related Database Listings for Adjoining Properties[1]		
Listing Name or Address and Location Relative to the Site	**Summary of Information Contained in Database**	**Ramboll's Comments**
Comet Cleaners, Inc. 3651 Crenshaw Boulevard (Adjoining to the south)	The Comet Cleaners, Inc. property is listed on the Drycleaner database, which is an EDR proprietary database that indicates that dry cleaning operations may have been performed. There is no indication of a release in the listing.	Based on Ramboll's visual observations during the site visit, the adjoining property is a sizeable dry cleaner drop-off facility. There is no indication that dry cleaning operations have been conducted at this property. The potential impacts of dry cleaning facilities to the site are further discussed in Sections 4.1.4 and 6. Because the property is a drop-off dry cleaning facility, Ramboll recommends no further investigation regarding this issue.
Former Cameo Cleaners 3650 Crenshaw Boulevard (Adjoining to the south)	The former Cameo Cleaners and Rocket Drycleaners & Laundry properties are listed on EDR's Drycleaner database. There is no indication of a release for the Rocket Drycleaners & Laundry facility; however, the Cameo Cleaners property is listed on EDR's Cleanup Program Sites – Spills, Leaks, Investigations, and Cleanups (CPS-SLIC) database. In addition, the Cameo Cleaners property is listed on the GeoTracker database with a cleanup status of "*Open – Remediation as of 3/1/2010"* for VOC impacts to soil and groundwater from dry cleaning operations. Post-remediation monitoring activities are currently being conducted at the property. The closest groundwater monitoring well to the site (MW-2), located approximately 60 feet south of the East Block's southeastern site boundary across Obama Boulevard, was sampled on June 11, 2019. Detections included PCE at 270 µg/L, TCE at 79 µg/L, and cis-1,2-DCE at 14 µg/L; all of which exceed their respective MCLs. The 2019 Cameo Cleaners groundwater monitoring report calculated groundwater flow to the south, away from the site; however, groundwater flow in this area is variable, as it was calculated to flow to the north in former groundwater monitoring reports (i.e., Q2 2018).	A review of the 2019 Cameo Cleaners groundwater monitoring report indicated a PCE/TCE plume at the former Cameo Cleaners property. It appears that contaminated groundwater from the Cameo Cleaners property has the potential to have impacted the site. These potential impacts are further discussed in Section 6. Given the variable groundwater flow direction at the site/in the site vicinity, Ramboll recommends that this issue be evaluated through the collection of soil vapor samples along the site boundary between the site and this property.

Table 5: Contamination-Related Database Listings for Adjoining Properties[1]		
Listing Name or Address and Location Relative to the Site	**Summary of Information Contained in Database**	**Ramboll's Comments**
Former 20th Century Plastics 3628 Crenshaw Boulevard (Adjoining north of the East Block)	Based on the address provided in the database report, this facility formerly adjoined north of the East Block. The 20th Century Plastics property is listed on the LUST database for a release of solvents or non-petroleum hydrocarbons to soil, and is listed on the CPS-SLIC database with a project status of "C*ompleted – Case Closed as of 6/17/1994.*" No additional information was provided in the GeoTracker or EDR databases.	Because this matter has been granted regulatory closure by the state agency, it is reasonable to assume that the matter was appropriately evaluated in accordance with regulations in place at the time. Additionally, since groundwater was not reportedly impacted, remaining contamination, if any, is localized and unlikely to migrate to the site at significant concentrations. Thus, this closed off-site listing does not appear to represent a significant environmental concern to the site. Ramboll recommends no further investigation regarding this issue.
Film Processing Co. 3602 Crenshaw Boulevard (Adjoining north of the East Block)	The property is listed on the CPS-SLIC database for PCE and TCE impacts to soil. The project status of "*Completed – Case Closed as of 11/22/1996".* An NFA/Closure letter was available for review.	Due to the property's regulatory closure status following impacts to soil and soil remediation, contamination from this property is unlikely to have migrated to the site. Ramboll recommends no further investigation regarding this issue.

Notes:

[1] Ramboll's analysis of adjoining properties was based on observations made during the site reconnaissance (as discussed in Table 2) and location information for off-site listings as presented in the database report. Also, for purposes of this analysis, Ramboll considers as "adjoining" properties that are adjacent, even if separated by a road or other physical barrier. Ramboll has not included a discussion of compliance-related databases in this table, as Ramboll considers it unlikely that off-site properties listed on compliance-related databases without indication of a release or chemical mishandling represent a potential risk for contamination to the site.

[2] The RGA databases are EDR proprietary databases that identify prior versions of the database in which a site was listed.

4.1.3 Database Review for Other Surrounding Properties

Ramboll has identified a number of non-adjoining properties that represent a potential contamination concern to the site due to past releases on these properties and possible impacts to the site, as detailed in Table 6.[11]

[11] In its evaluation, Ramboll considered only non-adjoining properties listed on databases indicative of contamination, with open status, located potentially upgradient of the site to represent a potential risk for contamination to the site (as the issuance of regulatory closure suggests that impacts to the site from the noted off-site property are unlikely).

Table 6: Summary of Environmental Database Listings for Surrounding Properties that Represent a Potential Contamination Concern		
Listing Name or Address and Location Relative to the Site	**Summary of Information Contained in Database**	**Ramboll's Comments**
System Cleaners (Approximately 150 feet north of the West Block)	The property is listed on EDR's Drycleaners and CPS-SLIC databases, as well GeoTracker with a cleanup status of "*Open – Inactive as of 1/29/2015".* The GeoTracker database indicates VOCs as the potential contaminants of concern, but does not provide additional information for the listing.	Due to the System Cleaner property's active listing on the GeoTracker database for a potential release of VOCs from dry cleaning operations and the absence of additional information, Ramboll cannot rule out potential impacts to the site. This matter is further discussed in Section 6.
Southwestern Engineering Co. (Approximately 1,080 feet northeast of the site)	The property is listed as a "Military Evaluation" facility on the EnviroStor database, with a cleanup status of "*Inactive – Needs Evaluation as of 7/1/2005."*	The EnviroStor database provided a document detailing that former operations at the site were not military-related, and that the property was ineligible for the Department of Environmental Restoration Program – Formerly Used Defense Sites.. Based on the information pertaining to this facility available on EnviroStor, the distance from this property to the site, and that the property is crossgradient of the site, Ramboll recommends no further investigation regarding this issue.

The database report indicates that poor or inadequate address information was available for several properties located in the vicinity of the site; therefore, these properties could not be readily mapped by EDR. Because the location of these properties with respect to the site could not be evaluated, Ramboll is limited in its ability to express an opinion regarding the potential for impact to the site from these properties. It was beyond the scope of this review to accurately locate each of the unmapped properties identified by the EDR; however, Ramboll reviewed the list of unmapped properties and verified that none appeared to be adjacent to the site, with the exception of several site-specific listings which are discussed in the appropriate sections of this report.

4.1.4 Vapor Encroachment

Ramboll conducted an initial vapor encroachment screen to evaluate if a vapor encroachment condition (VEC) exists in the subsurface below existing structures at the site from hazardous substances, petroleum, and petroleum products that include VOCs, semi-VOCs (SVOCs), and/or inorganic volatile compounds. A Tier 1 non-invasive vapor encroachment screen was performed using the information provided in the database report prepared by EDR for Ramboll for the chemicals of concern and the approximate recommended minimum search distances included in ASTM E 2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. The following minimum search distances are outlined in ASTM E 2600-15. To the extent that one or more VECs are present due to off-site releases, at levels exceeding applicable human health risk

criteria, the human health risks can typically effectively be addressed through vapor mitigation measures such as vapor barriers and sub-slab venting.

Table 7: Vapor Encroachment Condition Evaluation Results

Facility Name	Approximate Distance from Site	VEC Evaluation	REC Evaluation
Former Cameo Cleaners 3650 Crenshaw Blvd	Adjoining south of the East Block	VEC cannot be ruled out [1]	Not a REC
Shell Service Station 3645 Crenshaw Blvd	Adjoining between West and East Blocks	VEC cannot be ruled out [1]	Not a REC
Former Rocket Cleaners & Laundry 3650 Crenshaw Blvd	Adjoining south of the East Block	VEC cannot be ruled out [1]	Not a REC
Former 20th Century Plastics 3628 Crenshaw Blvd	Adjoining north of the site	VEC cannot be ruled out [1]	Not a REC
Former Film Processing Co. 3602 Crenshaw Blvd	Adjoining north of the East Block	VEC cannot be ruled out [1]	Not a REC
Former Regal Cleaners Dyers Ltd. 3602 Crenshaw Blvd	Adjoining north of the East Block	VEC cannot be ruled out [1]	Not a REC
Comet Cleaners, Inc. 3651 Crenshaw Blvd	Adjoining south of the West Block	VEC cannot be ruled out [1]	Not a REC
Former System Cleaners 3631 Crenshaw Blvd	240 feet north of the West Block	VEC cannot be ruled out [1]	Not a REC
Former California Fine Cleaners 3631 Crenshaw Blvd	240 feet north of the West Block	VEC cannot be ruled out	Not a REC
Crenshaw Car Wash 3518 Crenshaw Blvd	630 feet north of the site	VEC can be ruled out	Not a REC
Westside Arco No 1 3412 Crenshaw Blvd	800 feet north of the site	VEC can be ruled out	Not a REC
ARCO #0027 3412 Crenshaw Blvd	800 feet north of the site	VEC can be ruled out	Not a REC
Mercury O'Connor 3737 Crenshaw Blvd	720 feet south of the site	VEC can be ruled out	Not a REC
City of Los Angeles Community Redevelopment Agency 3900 Jefferson Blvd	1,200 feet northwest of the site	VEC can be ruled out	Not a REC
Lula Washington Dance Studio 3773 Crenshaw Blvd	1,200 feet south of the site	VEC can be ruled out	Not a REC
Stella Middle Charter Academy 2905 Exposition Place	1,600 feet east of the site	VEC can be ruled out	Not a REC
Peerless Suede & Leather 3115 W Jefferson Ave	1,800 feet northeast of the site	VEC can be ruled out	Not a REC

Table 7: Vapor Encroachment Condition Evaluation Results			
Facility Name	**Approximate Distance from Site**	**VEC Evaluation**	**REC Evaluation**
Boyd Peterson 3833 Crenshaw Blvd	1,700 feet south of the site	VEC can be ruled out	Not a REC
Angelus Funeral Home 3875 Crenshaw Blvd	2,100 feet south of the site	VEC can be ruled out	Not a REC
LAUSD-Dorsey High School 3537 Farmdale Ave	3,300 feet west of the site	VEC can be ruled out	Not a REC

Note:

* A number of off-site properties were listed on contamination-related databases but did not disclose adequate information to assess potential VEC risks to the site. As such, potential VECs may exist from additional off-site properties.

[1] A number of current and former facilities with chemically intensive operations (e.g., dry cleaners, gas stations) are located within the vicinity of the site. Due to the length of historical operations, the proximity of the facilities to the site, and the absence of environmental sampling, the risk of VEC to the site cannot be ruled out. This matter is further discussed in Section 6.

4.2 Historical Uses of the Site and Adjacent Properties

4.2.1 Past Uses of the Site

The site was primarily vacant until at least 1938, when small structures were present on the East and West Blocks. By 1948, a building and parking lot used for grocery operations by Ralph's Grocery Co. Retail Market (Ralph's) were present on the West Block, which continued to operate until at least 1969. The LA Probation Building was developed on the West Block in 1973 and has since been operated by the Los Angeles County Probation Department. Between approximately 1950 and 1971, the East Block was occupied by at least two oil and gasoline filling stations in the western and southern portions of the East Block, respectively. By the 1970s, multiple buildings were present on the East Block and occupied by various tenants, including a school, community care & development services company, fast food restaurants, a chili factory (possibly a restaurant), and a laundromat.

A summary of Ramboll's key observations from the available historical sources is presented in Table 8.

Table 8: Summary of Key Observations from Historical Sources for the Site	
Historical Source	**Key Observations Regarding Site History**
Sanborn Maps (1929, 1950, 1969)	In the 1929 map, the site is depicted as vacant, however; the address numbers 36112 and 3644 are depicted in the northern and southern portions of the West Block, respectively. In the 1950 map, a structure labeled "Gas & Oil" is present in the northwestern portion of the East Block, with a "*stationary store*" (as depicted by the Sanborn map) adjoined to the northern section of the structure. Additionally, a stationary store titled "Ralph's Grocery Co. Retail Market" is present in the northeastern portion of the West Block, with the associated parking area in the western portion of the West Block. In the 1969 map, the previously noted "Gas & Oil" structure is no longer present at the East Block. Instead, a stationary store and a structure titled "Fillg Sta" (Filling Station) are present at the southeastern and western portions of the East Block, respectively. No changes to the West Block were observed in the 1969 map.

Table 8: Summary of Key Observations from Historical Sources for the Site	
Historical Source	**Key Observations Regarding Site History**
Aerial Photographs (1923, 1928, 1938, 1948, 1952, 1970, 1977, 1983, 1989, 1994, 2002, 2005, 2009, 2012, 2016) Satellite Imagery [1] (1989 to 2017)	The site appears vacant on all photographs until 1938. In the 1938 photograph, small structures are present on site; specifically, a small structure in the eastern portion of the West Block, and two small structures in the western portion of the East Block. By 1948, the building currently occupied by the Los Angeles County Probation Department and the associated parking lot are present at the West Block. Also, the East Block appears developed with a building in the western portion, with unidentifiable stored materials in the eastern portion. In the 1952 photograph, the West Block remains unchanged and the East Block appears developed with parking areas surrounding the aforementioned building. The West Block appears unchanged in the 1970 photograph, but the aforementioned building at the East Block is no longer present. Instead, three new structures are present in the southern and western portions of the East Block. In the 1977 photograph, the building on the West Block is slightly expanded to the west and a fourth structure is present in the northeastern portion of the East Block. In the 1983 photograph, two additional structures are present in the central portion of the East Block. By 1989, parking areas are present between the East Block structures. The site remains unchanged between photographs dated 1994 to 2012. In the 2016 photograph, the structures on the East Block are no longer present, and the East Block appears to be undergoing redevelopment with miscellaneous construction-related materials storage. No environmental concerns are noted.
Topographic Maps (1894 to 2012)	No development is depicted on the maps between 1894 and 1902, but the site may have been within a marsh or swamp area during this timeframe. No site features are depicted in subsequent maps. No environmental concerns are noted.
City Directory Abstracts (1924, 1951, 1962, 1967, 1971, 1976, 1981, 1986, 1990, 2000, 2006, 2010, 2014)	The occupants of the West Block are listed as: • 3606 Exposition Boulevard: This address has been occupied by the Los Angeles County Probation Department since approximately 1976. The occupants of the East Block are listed as: • 3501 Rodeo Road: Address not listed. • 3510 Exposition Boulevard: Community Care & Development Services (1976 to 1981), and Al-Madinah School (1986 to 2006). • 3515 Rodeo Road: Pioneer Take Out (1990) and Haven Burgers (2000 to 2006). • 3630 Crenshaw Boulevard: Crenshaw Craig Oil Co., Inc. (1951), Wilshire Oil Co. Service Station Aviation & Arbor Vitae (1962), Gulf Oil Service Station Los Angeles (1967), Dixonburger, Inc. and Crenshaw Rodeo Gulf Service (1971), Eastern Garden Restaurant (1976 to 1981), Jack's Chili Factory and entities (1986 to 2014). • 3644 Crenshaw Boulevard: Ichiho Daisuke Dyke Crenshaw Gulf (1971), Farhad Rabbany (2000), Clean King/Laundry Systems[12] (2006 to 2014).

[12] Ramboll searched publicly available online information, including the Clean King website, which indicated that operations are limited to commercial laundering, not dry cleaning.

Table 8: Summary of Key Observations from Historical Sources for the Site	
Historical Source	**Key Observations Regarding Site History**
2012 Phase I ESA Report	The East Block was owned (approximate dates in parentheses) by C.R. Bastian (1938), Ernest G. Boehme and Wife, Arlene Y. Boehme (1944 to 1950), David F. Duval and Wife, Irene B. Duval (1950 to 1961), Louise Marie Kinder (1961 to 1972), Aames Funding Corporation (1972 to 1974), and Crenshaw Industrial Corporation (1974 to 1977). Additional former owners of the East Block addresses include: • 3501 Rodeo Road: Soleiman Ghalili, Et Al (1977 to 1997), Soleiman Ghalili and Wife, Louise Ghalili (1997 to 1999), and Ghalili Family Trust (1999 to present). • 3510 Exposition Boulevard: Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Ecumenical Service Corporation (1978 to 1983), and Masjeid Al Mu-Min (1983 to 2011). • 3515 Rodeo Road: Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Soleiman Ghalili, Et Al (1997), Soleiman Ghalili and Wife, Louise Ghalili (1997 to 1999), and Ghalili Family Trust (1999 to 2011). • 3630 Crenshaw Boulevard: Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Nam Song and Soon Song (1974 to 1984), and Lacy K. Oliver (1984 to 2011). • 3644 Crenshaw Boulevard: Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Moyer-Rodeo Associates (1977 to 1980), Rabrany Farhad (1980 to 1997), and Soleiman Ghalili and Wife, Louise Ghalili (1997 to 2011). According to the 2012 Phase I report, a gasoline service station was located in the western portion of the East Block from at least 1948 to at least 1965 and relocated to the southwestern portion of the East Block by at least 1969 until 1981. On the East Block, an automotive repair garage operated in approximately 1948, and a car wash operated between 1961 and 1968. In association with gasoline service station operations at the East Block, between approximately 1966 and 1968, one 4,000-gallon UST and a 1,000-gallon waste oil UST were removed; and four USTs were relocated, including two 9,940-gallon USTs, one 280-gallon UST, and one 8,000-gallon UST. Two 9,940-gallon USTs and one 8,000-gallon UST were removed from the southwestern portion of the East Block in 1981.
Haz Mat Division	Records indicated that a 200-gallon "other petroleum" single-walled UST, associated with the 3644 Crenshaw Boulevard address was removed from the East Block in approximately 2016. Based on the removal date of the 200-gallon UST, Ramboll confirmed that this UST was the aforementioned 280-gallon UST. The removal of the 280-gallon UST is further discussed in Section 6.
Plan Check/ Underground Tank Division	The 3630 Crenshaw Boulevard address at the East Block was occupied by Craig Oil Company in approximately 1948 and Gulf Oil Company between approximately 1965 to 1978. In addition, a note within records indicated that the 3630 Crenshaw Boulevard address may have been changed to 3644 Crenshaw Boulevard in approximately 1970. Finally, a number of USTs were removed, relocated, and installed at the site, which are further discussed in Section 6.
Building Department	Records consisted of certificates of occupancies, building drawings, and miscellaneous building permits for building improvements. A certificate of occupancy dated 1947 indicated plans to construct the 3630 Crenshaw Boulevard building, and a certificate of occupancy dated 1964 indicated that minor auto repair operations were conducted at the 3630 Crenshaw Boulevard address.
Notes: [1] In addition to aerial photographs provided by EDR, Ramboll viewed historical satellite imagery provided via Google Earth. Printed copies were not obtained, and imagery dates were not independently verified.	

4.2.2 Past Uses of Adjacent Properties

The properties to the north of the site have been used for agriculture since at least 1923, until they were redeveloped for commercial/industrial operations in approximately 1928. By approximately 1938, several residences were present west of the site. In approximately 1948, a residential neighborhood was present west of the site; and commercial buildings were present northeast and south of the site, including drug and retail stores. In approximately 1952, two large buildings, likely used for commercial operations, were present southeast and east of the site. By 1970, the properties to the north of the site were used for commercial and residential purposes. The property adjoining south of the West Block portion of the site was developed as a gasoline service station since at least 1977. The properties in the vicinity of the site have generally remained unchanged, with the surrounding area primarily used for mixed residential/commercial purposes.

4.3 Review of Local and State Agency Information

Ramboll visited or otherwise contacted local governmental agencies and regulatory bodies for information relating to the site. An overview of the findings of this review is presented in Table 9.

Table 9: Local Agency Information for the Site

Agency Contacted/ Document Reviewed	Information Obtained
Hazardous Materials Unit	In association with the 200-gallon "other petroleum" UST removal from the East Block in approximately 2016, two soil samples were collected and analyzed for contaminants. Based on the removal date of the 200-gallon UST, Ramboll confirmed that this UST was the aforementioned 280-gallon UST. The removal of the 280-gallon UST is further discussed in Section 6.
Public Works	Records were available for the 3630 & 3644 Crenshaw Boulevard and 3515 Rodeo Road addresses, including industrial waste permits for discharges to the sanitary sewer by Gulf Oil Co. for auto lube and wash between approximately 1957 and 1973; by Lone Ranger Food Systems, Inc. restaurant for kitchen discharges (e.g., soap, grease) in approximately 1970; and by Pioneer Take Out for kitchen discharges in approximately 1970. Additionally, permittee information sheets were available for various site tenants.
DTSC's Land Use Restrictions database	The DTSC's Land Use Restrictions database did not indicate any liens or activity and use limitations (AULs) associated with the site.
Title Report	A title report dated October 6, 2016 and provided for Ramboll's review did not list any liens or AULs associated with the West Block. A title report was not provided for the East Block.
Los Angeles Department of Building and Safety	The LA Probation Building was constructed in approximately 1973.
HHMD	The HHMD reported that it did not have records for the site.

4.4 Previous Environmental Assessments and Activities

Based on a review of historical site documents and interviews with facility personnel, prior environmental assessment and sampling activities have been conducted at the site, as summarized below. Pertinent historical and site-related information contained in the prior reports has been incorporated into other sections of this report.

- **2012 Asbestos Air Sampling.** Ramboll was provided with an asbestos "close-out" report which summarized the results of asbestos air sampling that was conducted following asbestos abatement activities. Although the 2012 Asbestos report didn't provide specifications of an asbestos survey(s) or abatement(s) activities performed, the report indicated that asbestos containing floor tile/mastic and cove base/mastic were abated from various locations showing damaged floor tiles between November 30 and December 1, 2012. The results of the asbestos air sampling indicated that there were no recognized health hazards from airborne asbestos fibers following abatement activities.
- **2012 Phase I ESA.** A Phase I ESA was conducted at the East Block by Tetra Tech, Inc. (Tetra Tech) in 2012, in association with due diligence activities. The 2012 Phase I report identified the presence of one REC, namely, the former operations at the East Block, including "*a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968."* Additionally, the 2012 Phase I ESA report identified two potential environmental findings, specifically, the Shell Service Station adjoining the West Block, and Cameo Cleaners, a former dry cleaner adjoining south of the East Block. Finally, the 2012 Phase I identified the presence of fluorescent light bulbs at the East Block as a *de minimis* condition. The buildings containing the fluorescent light bulbs the at the East Block have since been removed and as such, this matter is not likely to present an environmental concern to the site. The former operations of concern (i.e., gasoline dispensing, vehicle repair) at the East Block are further discussed in Section 6.
- **2012 and 2013 Phase II Subsurface Investigations at the East Block.** Between February and March 2013, on behalf of LACTMA, Tetra Tech, Inc. conducted soil and soil gas investigations at the five parcels that comprise the East Block (i.e., parcels 5044-002-901 to 5044-002-905), based on the findings from the 2012 Phase I ESA, namely the former gasoline dispending operations and presence of USTs at the East Block. Additionally, groundwater sampling was conducted at the 5044-002-901 and 5044-002-903 parcels. The findings of each investigation are summarized below:

  The 5044-002-904 and 5044-002-905 parcels' (southeast portion of the East Block) soil and soil gas investigation indicated "*no contaminants of concern*" to which Tetra Tech concluded "*no further investigation is recommended*" for the parcels.

  The 5044-002-902 parcel (northeast portion of East Block) investigation concluded that the parcel may have been adversely impacted by the historical operations of the gasoline service station at the East Block, and the Shell Service Station adjoining the West Block. Soil samples collected at the parcel, at depths of 2.5- and 10-feet bgs, indicated that total petroleum hydrocarbons (TPH)-gasoline range hydrocarbons were non-detect (ND); TPH-diesel (C13-C22) was detected at concentrations up to 2.93 mg/kg; and TPH-heavy oil (C23-C44) was ND. Additionally, soil samples collected at the same depths indicated toluene and benzene at concentrations up to 7.60 and 8.82 µg/kg, respectively. Soil gas samples collected on the parcel indicated that all analytes were ND at depths of 7.5- and 12-feet bgs. Tetra Tech concluded that the results of *"that further subsurface investigation at the Site be conducted after the demolition of the existing structures to ensure that the previous use of the Site as an auto repair shop and the property to the west as a gasoline*

retail station (as listed in the Phase I ESA report) did not leave any contamination in the footprint of the existing structures."

The 5044-002-901 parcel (northwest portion of East Block) investigation concluded that the parcel may have been adversely impacted by the historical operations of the gasoline service station at the East Block. The soil samples collected at the parcel, at depths of 2, 2.5, 5, 10, 11, and 15 feet bgs, indicated TPH-gasoline at concentrations up to 391 mg/kg, TPH-diesel at concentrations up to 397.2 mg/kg, and TPH-heavy oil at concentrations up to 383 mg/kg. Additionally, elevated concentrations of VOCs associated with hydrocarbon fuels were detected in the aforementioned soil samples, but "*were below the carcinogenic and non-carcinogenic Regional Screening Levels (RSLs) for Commercial/Industrial setting.*" The soil gas samples collected at depths of 7, 7.5, 13, and 15 feet bgs within the parcel indicated benzene up to 5.71 µg/L, cyclohexane up to 204 µg/L, m,p-xylene up to 0.204 µg/L, and ethylbenzene up to 0.258 µg/L. Also, various isomers of xylenes, toluene, isopropylbenzene, n-propylbenzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene also were detected in a soil sample. One groundwater sample was collected at the parcel and indicated ND for VOC and TPH analysis. Tetra Tech concluded that "*further subsurface investigation is recommended to determine the limits of the TPH and VOC contamination identified in samples collected from the western portion of the Site where a gas station was formerly located (and related subgrade structures such as USTs and piping systems),"* and that the additional subsurface investigations should be conducted following the demolition of the existing on-site structures. Ramboll notes that due to the excavation and soil removal activities conducted in the western portion of the 5044-002-901 parcel, a significant amount of potentially contaminated soils has likely been removed.

The 5044-002-903 parcel (southwest portion of East Block) investigation concluded that the parcel may have been adversely impacted by the historical operations of the gasoline service station at the East Block. The soil samples collected at the parcel, at depths of 2, 2.5, 5, 10, and 15 feet bgs, indicated TPH-gasoline at concentrations up to 1,060 mg/kg, TPH-diesel at concentrations up to 913.3 mg/kg, and TPH-heavy oil at concentrations up to 855 mg/kg. The soil gas samples collected at depths of 7.5 and 15 feet bgs within the parcel indicated benzene at concentrations up to 63 µg/L, toluene up to 0.55 µg/L, ethylbenzene up to 4.2 µg/L, total xylenes up to 41 µg/L, and cyclohexane up to 13 µg/L. One groundwater sample collected at the parcel indicated TPH-gasoline at a concentration of 5,340 µg/L, TPH-diesel at 1.69 mg/L, benzene at 17.2 µg/L, TCE at 10.7 µg/L, ethylbenzene at 14.9 µg/L, isopropylbenzene at 38.4 µg/L, n-propylbenzene at 174 µg/L, sec-butylbenzene at 14.8 µg/L, n-butylbenzene at 34.8 µg/L, and naphthalene at 152 µg/L. Of these detected contaminants, TCE and benzene exceeded their California MCLs. Tetra Tech concluded that "*Further subsurface investigation is recommended to determine the limits of the TPH and VOC contamination."* Ramboll notes that due to the excavation and soil removal activities conducted in the western portion of the 5044-002-903 parcel, a significant amount of potentially contaminated soils has likely been removed.

Based on a review of the Phase II subsurface investigations conducted at the site, as described above, subsurface contamination from historical site uses was confirmed to be present at the site. These matters are further discussed in Section 6.

- **2016 UST Removal and Soil Sampling.** Soil sampling activities were conducted in the northwest corner of the West Block in association with the removal of an empty 280-gallon UST discovered on January 14, 2016, during general construction activities. The 2016 Soil Sampling report indicated that two soil samples, KES B-1 and KES S-1, were collected beneath the UST and

from the excavated soil stock pile, respectively, and analyzed for TPH, BTEX, fuel oxygenates, and VOCs; none of which was detected above the respective laboratory reporting limits. Additionally, a photoionization detector (PID) was used to monitor soils for the detection of petroleum hydrocarbons; which were not detected above background levels. Based on the results of soil sampling and PID monitoring activities, Kroner Environmental Services concluded that soils were not adversely impacted by the operation of the 280-gallon UST. Subsequently, the Los Angeles Fire Department (LAFD) issued a NFA letter for the matter dated December 2, 2016.

- **2019 Mold Sampling Activities.** The East Block was not developed with buildings at the time of the site visit. Ramboll did not perform a mold survey at the site; however, facility personnel provided information regarding past water intrusion events at the LA Probation Building. Facility personnel reported that in early 2019, a plugged roof drain near the northwestern corner of the LA Probation Building resulted in water pooling on the rooftop and eventually, roof leaks. These roof leaks were reportedly addressed the same day on which they were discovered. Facility personnel provided a 2019 Mold Assessment report[13] for the incident, which indicated that on February 2, 2019, moisture-impacted areas (e.g., cubicle, conference room) were visually inspected for mold related impacts and bulk, swab, and spore trap air samples were collected. The indoor air sampling results of the mold assessment indicated higher concentrations of mold spores in outdoor areas compared to indoor areas, and the tape lift sampling did not exhibit microbial spores. As such, the Mold report concluded "*microbial remediation is not recommended at the site at present*".

4.5 User-Provided Information

Ramboll provided Watt with a User Questionnaire (consistent with Appendix X3 of the ASTM Standard) that requested information relating to environmental liens, activity use limitations (AULs), specialized knowledge of the site, site value diminution, chain-of-title, or any other commonly known or obvious indications of site contamination, that was not otherwise provided to Ramboll. Watt did not provide any information not otherwise obtained by Ramboll.

4.6 Personal Interviews

Ramboll interviewed Shannon Walker, Senior Environmental Specialist with LACMTA, and Adrian Perera, Head of Facilities Operations with the County, on May 8, 2019, and July 18, 2019, respectively. Ms. Walker has been associated with the East Block for approximately two years and Mr. Perera has been associated with the West Block for approximately 10 years; both of whom were identified as knowledgeable with respect to the site. Ms. Walker provided information regarding environmental conditions and construction activities on the East Block, and Mr. Perera provided information regarding historical matters and environmental conditions on the West Block. Pertinent information obtained from facility personnel during these interviews is incorporated throughout this report.

[13] "Microbial Mold Assessment Crenshaw Area Office 3606 W Exposition Boulevard Los Angeles, California 90016", prepared by Environmental Engineering, Inc. on February 4, 2019 (the "2019 Mold assessment report").

5. SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Ramboll conducted visits to the site on May 8, 2019, and July 18, 2019. During the site visits, observations of interior and exterior portions of the site were made to evaluate if any RECs, as defined in Section 2, are present. Ramboll did not observe the interior of the subway tunnel at the East Block nor the janitorial cleaning closet in the LA Probation Building due to safety and accessibility constraints, respectively.

5.2 General Site Setting and Observations

Ramboll made observations concerning the interior and exterior issues specified in Sections 9.4.2 through 9.4.4 of the ASTM E1527-13 Standard. The presence or absence of each issue of environmental interest or concern is noted in Table 10. Additional information regarding observed and historical items is provided in the sections following the table.

Table 10: Summary of Site Reconnaissance Observations

ASTM Section	Issue	Observation
Interior and Exterior Issues		
9.4.2.1	Current use(s) of the site	See Section 3.2
9.4.2.2	Past use(s) of the site	See Section 4.2
9.4.2.3	Hazardous substances and petroleum products used, treated, stored, disposed of, or generated on the property in connection with identified present or past uses	**Present** (see Section 5.2.1)
9.4.2.4	Storage tanks: Underground storage tanks (fill ports, vent pipes, manholes) Aboveground storage tanks	(see Sections 5.2.2 and 5.2.3.) Formerly Present **Present**
9.4.2.5	Odors (strong, pungent or noxious) and noise	**Present** (Section 5.2.4)
9.4.2.6	Pools of liquid, standing surface water or sumps	Absent
9.4.2.7	Drums of hazardous substances or petroleum products (five-gallon, 55-gallon or totes)	**Present** (see Section 5.2.1)
9.4.2.8	Hazardous substance and petroleum product containers (not necessarily in connection with identified uses)	**Present** (see Section 5.2.1)
9.4.2.9	Unidentified substance containers suspected of containing hazardous substances or petroleum products	**Present** (see Section 5.2.1)

Table 10: Summary of Site Reconnaissance Observations		
ASTM Section	**Issue**	**Observation**
9.4.2.10	Polychlorinated biphenyls (PCBs) Electrical equipment on-site (e.g., transformers, capacitors) Electrical equipment known or likely to contain PCBs Hydraulic equipment on-site (e.g., elevators, truck dock lifts) Hydraulic equipment known or likely to contain PCBs	(see Section 5.2.5) **Present** Possible Absent Unlikely
Interior Issues		
9.4.3.1	Heating/cooling systems	**Present** (see Table 2)
9.4.3.2	Stains or corrosion on interior floors, walls or ceilings (except for staining from water)	Absent
9.4.3.3	Floor drains and interior sumps	**Present** (see Section 3.2.3)
Exterior Issues		
9.4.4.1	Pits, ponds or lagoons on site or adjacent properties	Absent
9.4.4.2	Stained soil or pavement	**Present** (See Section 5.2.6)
9.4.4.3	Stressed vegetation (from other than insufficient water)	Absent
9.4.4.4	On-site solid waste disposal; areas apparently filled or graded by non-natural causes; or mounds or depressions suggesting solid waste disposal	**Present** (See Section 5.2.7)
9.4.4.5	Wastewater or other liquid (including storm water) or any discharge into a drain, ditch, underground injection system or stream on or adjacent to the site	**Present** (see Section 3.2.3)
9.4.4.6	Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	**Present** (see Section 5.2.8)
9.4.4.7	Septic systems or cesspools	Absent
Non-Scope Considerations		
N/A	Asbestos Containing Materials	**Potentially Present** (see Section 5.2.9)
N/A	Lead-Based Paint	**Potentially Present** (see Section 5.2.10)

Table 10: Summary of Site Reconnaissance Observations		
ASTM Section	**Issue**	**Observation**
N/A	Water Intrusion	**Potentially Present** (see Section 5.2.11)
N/A	Lead in Drinking Water	**Potentially Present** (see Section 5.2.12)
N/A	Radon	**Potentially Present** (see Section 5.2.13)

Notes:

Observations noted in this table and discussed further below are based on information obtained during the site visit and from a review of the sources summarized in Section 4.

See the ASTM Standard for a detailed description of the issues included in each referenced ASTM section.

Per the ASTM Standard, fluorescent light ballasts likely to contain PCBs are not considered.

N/A – Not applicable.

5.2.1 Hazardous Substances and Petroleum Products

According to facility personnel, hazardous substances at the West Block were limited to janitorial cleaning chemicals, such as cleaners, restroom cleaning chemicals, mopping solution, and furniture polish. At the time of the East Block site visit, hazardous substances used in construction activities and observed by Ramboll included gasoline canisters, diesel fuel, oils, non-chlorinated solvents and degreasers, lubricants, sealants, adhesives, and paints; these hazardous materials were observed in containers of five-gallons or less, except for diesel fuel which was stored in an aboveground storage tank (further discussed in Section 5.2.3). These hazardous substances were typically stored in flammable storage cabinets, inside cargo containers, on shelving, or throughout the site, as needed. Ramboll did not observe visible staining or significant evidence of releases near chemical storage areas.

At the time of the site visit, Ramboll observed three 55-gallon drums in the parking area near the southwest corner of the West Block. Facility personnel reported that these drums contained soil from soil sampling activities (a geotechnical investigation) recently conducted at the West Block in June 2019. A "Non-hazardous waste" label was observed on one of the three drums. Facility personnel reported that the results of these subsurface investigation activities have not yet been prepared. However, it is noted that soil sampling activities were conducted as part of a geotechnical investigation and not for an environmental investigation. Therefore, it is likely that samples would have been collected and analyzed for waste characterization purposes only.

5.2.2 Underground Storage Tanks

According to facility personnel, there are no USTs currently located at the East and West Blocks. A review of agency records indicated a number of former USTs at the East Block, as summarized below in Table 11. Due to incomplete agency records, the precise locations and installation and/or removal dates (if any), for some USTs were not available. Documentation of environmental sampling or closure

activities were not contained within agency records or the GeoTracker database, and facility personnel were not aware of these records, except for the 280-gallon UST. Ramboll notes that a number of these USTs were removed from the East Block prior to or during the early 1980s, prior to the enactment of specific tank closure requirements; which could account for the absence of additional UST-related documentation. However, Ramboll notes that due to the large excavation (estimated to be at least 50 feet deep) and soil removal associated with the development of the subway tunnel in the western portion of the East Block, any USTs located along the western boundary of the East Block were likely removed as part of that construction. This matter is further discussed in Section 6.

Table 11: Underground Storage Tanks

Number and Size (gal.)	Contents	Location	Key Dates	Regulatory Closure Granted?	Notes
Currently In Use					
No currently in-use USTs were identified during Ramboll's review of the site.					
Decommissioned/Closed-in-Place/Removed					
3 x 4,000	Gasoline	Two USTs in the west portion of East Block; one UST unknown	First two USTs removed from west portion of East Block in 1966; third UST abandoned by 1968	Unknown	Dates of operation unknown and closure documentation unavailable
1 x 3,000	Gasoline	Unknown*	Operated in at least 1948; removal date (if any) unknown	Unknown	Dates of operation unknown and closure documentation unavailable
1 x 550	Waste oil	Unknown*	Abandoned by 1968	Unknown	Dates of operation unknown and closure documentation unavailable
1 x 5,000	Gasoline	Unknown*	Abandoned by 1968	Unknown	Dates of operation unknown and closure documentation unavailable
1 x 8,000	Gasoline	West and south portions of East Block	Relocated from the west portion to the south portion of the East Block in 1968; removed in 1981	Unknown	Original dates of operation unknown and closure documentation unavailable

Table 11: Underground Storage Tanks

Number and Size (gal.)	Contents	Location	Key Dates	Regulatory Closure Granted?	Notes
1 x 9,940	Gasoline	West and south portions of East Block	Relocated from the west portion to the south portion of the East Block 1968; removed in 1981	Unknown	Original dates of operation unknown and closure documentation unavailable
1 x 9,940	Gasoline	South portion of East Block	Installed in the south portion of the East Block in 1968; removed in 1981	Unknown	Closure documentation unavailable
1 x 1,000	Waste oil	West-central portion of East Block	Removed by 1968	Unknown	Dates of operation unknown and closure documentation unavailable
1 x 280	Unknown – petroleum related	West-central portion of East Block	Removed in 2016	Yes	Dates of operation unknown, closure documentation available

*The locations of some USTs remain unknown, as their locations were not specified in agency records reviewed or in information provided on the GeoTracker database. Additionally, LACMTA could not provide UST location and/or removal documentation, except for the 280-gallon UST discovered in 2016 Ramboll recommends that a soil management plan be implemented during future grading activities to ensure that any remnant USTs, that may not have been permitted and/or removed, are appropriately addressed.

5.2.3 Aboveground Storage Tanks

At the time of the site visit, Ramboll observed one portable diesel fuel AST, which was positioned on concrete at the eastern portion of the East Block and reportedly used to fuel construction vehicles (e.g., crane). Based on visual observations, the AST appeared to be at least 150-gallons in size. The AST was set in a steel secondary containment system. Facility personnel were not aware of any leaks or spills relating to the AST, and Ramboll observed no visual evidence of significant staining or past releases at the time of the site visit. Ramboll recommends no further investigation regarding this issue.

5.2.4 Odors and Noise

Facility personnel reported that complaints have not been received regarding noise, odors, or dust at the LA Probation Building. Regarding the East Block, facility personnel reported that complaints are commonly received regarding noise and dust due to construction activities.

5.2.5 Polychlorinated Biphenyls

Facility personnel were not aware of on-site equipment that is known to contain polychlorinated biphenyls (PCBs). Ramboll observed one pad-mounted transformer near the southwest corner of the

LA Probation Building, and two pad-mounted transformers, located near the northeast and northwest corners of the West Block. The LA Probation Building transformer is not labeled as to its PCB content, and the West Block transformers could not be inspected for labeling due to fencing. Although the installation dates of the units are unknown and may predate the 1979 federal ban on the manufacture of PCBs, Ramboll observed no visual indication of significant leaks or releases from electrical equipment observed during the site visit.

Similarly, although the LA Probation Building was constructed prior to the 1979 federal ban on the manufacture of PCBs, Ramboll observed no visual indication of significant leaks or releases from electrical equipment during the site visit.

5.2.6 Stained Soil or Pavement

Ramboll observed visual evidence of minor pavement staining in paved parking areas at the West Block. Based on the patterns of staining (i.e., drips), the staining appears to be from employee vehicles. Additionally, approximately three square feet of oil staining was observed in the vicinity of two five-gallon buckets of oil, positioned on the roof of the LA Probation Building. These matters are further discussed in Section 6 but are unlikely to represent an environmental concern to the site, and Ramboll recommends no further investigation regarding this issue.

5.2.7 Solid Waste Disposal Areas or Areas Filled by Non-Natural Causes

Based on Ramboll's observations during the site visit and ongoing construction activities at the East Block, it is expected that portions of the East Block have likely been filled with soils or fill from off-site locations. Since the East Block is being developed by the LACMTA, it is likely that fill materials would be brought to the site from uncontaminated sources. Ramboll was provided no information pertaining to the quality of the fill material at the site. .

5.2.8 Wells

Ramboll observed one groundwater monitoring well along the eastern site boundary of the West Block. Facility personnel were not aware of the origin of the groundwater monitoring well and it is not clear which with which environmental activity the groundwater monitoring well is associated. Ramboll notes that the groundwater monitoring well may be associated with the environmental activity(ies) discussed in Section 6.

In addition to the current on-site well, a number of wells were formerly present at the East Block. Facility personnel provided a well abandonment report, dated May 22, 2014, which detailed the removal of two monitoring wells (MW-5 and MW-8) installed on site in association with investigations for Cameo Cleaners, and two wells associated with the construction project design. A second well abandonment report, dated November 30, 2016, indicated that a monitoring well (B-20), formerly associated with construction groundwater monitoring activities, was plugged and abandoned near the southwest corner of the East Block.

5.2.9 Asbestos Containing Materials (ACMs)

Although an asbestos inspection and sampling of suspect building materials in conformance with established protocols (as outlined in 40 CFR §763), applicable state or local regulations, or industry standards, were beyond our scope of work, Ramboll made limited visual observations[14] of representative building materials in those areas accessed during the site tour to identify readily

[14] Ramboll did not observe all building materials or formally survey the facility to determine the presence and condition of PACM and suspect ACM.

apparent PACM and suspect ACM. OSHA's definition of PACM is limited to thermal system insulation (TSI) and surfacing materials present in buildings constructed before 1981. Vinyl floor tiles are not considered PACM, but OSHA nonetheless requires that asphalt and vinyl floor tiles present in buildings constructed before 1981 be treated similarly to PACM. The term suspect ACM is not defined by OSHA but can include numerous building materials manufactured using asbestos currently or in the past (e.g., ceiling tiles, roofing materials, joint compound), as well as TSI, surfacing materials, and flooring materials installed after 1981.

- The East Block was not developed with buildings at the time of the site visit. Given the date of construction of the LA Probation Building at the West Block, it is possible that ACMs are present in building materials. According to facility personnel, asbestos sampling and abatement activities were conducted at the LA Probation Building in 2012. Ramboll was provided with an asbestos "close-out" report[15] which summarized the results of asbestos air sampling, following asbestos abatement activities. Though the 2012 asbestos report didn't provide specifications of an asbestos survey(s) or abatement(s), it detailed that asbestos containing floor tile/mastic and cove base/mastic were abated from various locations showing damaged floor tiles between November 30, and December 1, 2012. The results of the asbestos air sampling indicated that there were no recognized health hazards from airborne asbestos fibers.
- Ramboll conducted visual observations of limited areas of the buildings at the site and noted PACM (e.g., thermal system insulation associated with the heating/cooling system and piping in the mechanical room, vinyl floor tile) and other materials that may contain asbestos (e.g., suspended ceiling tiles, roofing materials, vinyl cove base). Although ACM abatement activities have been conducted, due to the absence of a comprehensive asbestos survey report and based on the age of the LA Probation Building, Ramboll cannot rule out the potential presence of ACMs at the LA Probation Building. Therefore, prior to demolition or renovation activities with the potential to affect PACMs or suspect ACMs, further evaluation should be completed to evaluate whether special worker protection measures or disposal procedures are necessary.

There are no regulatory requirements to remove ACM or evaluate whether building materials contain asbestos, unless the materials are damaged and have the potential to release fibers or the materials have the potential to be disturbed during renovation or demolition activities. Ramboll did not observe any obviously damaged building materials.

5.2.10 Lead-Based Paint

Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction date of the LA Probation Building in approximately 1973, it is possible that lead-based paint was used historically on facility structures. Facility personnel were not aware of the presence of any lead-based paint on structures at the facility. Ramboll observed the paint to be in good condition. Prior to any renovation or demolition activities with the potential to disturb painted surface, Ramboll recommends that any lead-based paint at the site be removed in accordance with all applicable laws, including guidelines of OSHA.

[15] "Asbestos Removal Close-Out Report: Probation Department Crenshaw Area Office 3606 Exposition Blvd", prepared by Alliance Environmental Group on December 3, 2012 (the "2012 asbestos report")

5.2.11 Water Intrusion

The East Block was not developed with buildings at the time of the site visit. Ramboll did not perform a mold survey at the site; however, facility personnel provided information regarding past water intrusion events at the LA Probation Building. Facility personnel reported that in early 2019, a plugged roof drain near the northwestern corner of the LA Probation Building resulted in water pooling on the rooftop and eventually, roof leaks. These roof leaks were reportedly addressed the same day on which they were discovered. Facility personnel provided a 2019 Mold Assessment report[16] for the incident, which indicated that on February 2, 2019, moisture-impacted areas (e.g., cubicle, conference room) were visually inspected for mold related impacts and bulk, swab, and spore trap air samples were collected. The indoor air sampling results of the mold assessment indicated higher concentrations of mold spores in outdoor areas compared to indoor areas, and the tape lift sampling exhibited no microbial spores. As such, the Mold report concluded "*microbial remediation is not recommended at the site at present.*" Accordingly, Ramboll recommends no further investigation regarding this issue.

5.2.12 Lead in Drinking Water

Drinking water is supplied to the site by the Los Angeles DWP and, therefore, would be expected to comply with state standards, such that lead is unlikely to be present at concentrations above those standards. According to the "*Drinking Water Quality Report 2018*" prepared by DWP, the most recent monitoring of lead concentrations at-the-tap was conducted in 2018. The *Drinking Water Quality Report 2018* summarized the results of the 2018 lead in tap water, detailing that of 103 locations sampled, only 1 exceeded the action level (i.e., 15 µg/L) for lead. The *Drinking Water Quality Report 2018* concluded that Los Angeles has and continues to be in compliance with the lead and copper regulation, based on residential sampling. Based on the information obtained from the *Drinking Water Quality Report 2018*, it appears that drinking water standards are compliant with Federal and State regulations. Ramboll recommends no further investigation regarding this issue.

5.2.13 Radon

Based on information included in the environmental database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon levels between 2 and 4 pCi/L. The USEPA's continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L. This USEPA continuous exposure limit applies to residential, not commercial, properties. According to the California Radon database, of six tests conducted in the same zip code as the site, none exceeded 4.0 pCi/L. A USEPA survey conducted in the in Los Angeles County found that the average radon level of a first floor room at 63 locations was 0.711 pCi/L. Ramboll concludes that radon appears unlikely to represent an environmental concern to the site and recommends no further investigation regarding this issue.

[16] "Microbial Mold Assessment Crenshaw Area Office 3606 W Exposition Boulevard Los Angeles, California 90016", prepared by Environmental Engineering, Inc. on February 4, 2019 (the "2019 Mold assessment report").

6. FINDINGS, OPINION, AND CONCLUSIONS

Ramboll performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the site located at 3606 Exposition Boulevard and 3630-3644 Crenshaw Boulevard in Los Angeles, California in February 2019. The objective of the ESA was to identify RECs, as defined in the ASTM Standard. A list of key definitions presented in the ASTM Standard is provided in Section 7 at the end of this report. Any exceptions to, or deletions from, this practice are described in Section 6.2.

6.1 Findings, Opinions, and Conclusions

6.1.1 Recognized Environmental Conditions

Ramboll has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the site located at 3606 Exposition Boulevard and 3630-3644 Crenshaw Boulevard in Los Angeles, California. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed the following RECs.

- **East Block – On-Site Soil and Groundwater Contamination.** As discussed in more detail below, soil, soil vapor, and groundwater at the East Block of the site are environmentally impacted by various contaminants at concentrations exceeding current regulatory screening levels, and further suggest a potential for a VEC to exist at the site.
  - **On-Site Operations -** A review of historical records indicated that chemically-intensive historical operations were conducted at the East Block including (approximate dates in parentheses): gasoline service stations (between 1948 and 1981), automobile repair (1948), vehicle washing (between 1961 and 1968), and commercial laundering (between 2006 and 2014). These former site operations may have included the use of petroleum products, solvents, paints, adhesives, and/or other chemicals. Additionally, a number of USTs were formerly known to be present in the southwestern quadrant of the East Block (Figure 2) in association with the historical site operations detailed above.

    In response to environmental concerns associated with historical operations at the East Block, as identified by a 2012 Phase I ESA, Tetra Tech conducted soil and soil gas sampling at the five parcels that comprise the East Block (*i.e.*, parcels 5044-002-901 to 5044-002-905) and groundwater sampling on the 5044-002-901 and 5044-002-903 parcels. Of the two groundwater grab samples collected, the groundwater grab sample collected on the 5044-002-903 parcel indicated the presence of fuel constituents as well as VOCs (*i.e.*, TCE), with TCE and benzene detected at concentrations exceeding their respective California MCLs. The soil and soil gas investigations conducted on the 5044-002-904 and 5044-002-905 parcels did not indicate any significant contamination, but soil and soil gas sampling conducted on the 5044-002-901 to 5044-002-903 parcels indicated the presence of fuel constituents and petroleum fuel-related VOCs above their respective residential screening levels (in light of the contemplated residential redevelopment of the site).
  - **Crenshaw/LAX Transit WDR Monitoring -** In addition to Tetra Tech's on-site subsurface sampling activities, groundwater monitoring was conducted near the East Block in connection with WDRs during the development of the Crenshaw/LAX Transit Project in the western portion of the East Block. The most recent WDR report provided groundwater sampling results from two nearby off-site groundwater wells, B-13B and B-7C, reportedly located upgradient and downgradient of the East Block, respectively. Samples collected from the two wells in April of 2016 indicated the presence of PCE at concentrations of 12.5 and 14.3 µg/L in wells B-13B

and B-7C, respectively, and TCE detections of 4.27 and 5.69 µg/L in wells B-13B and B-7C, respectively. No other VOCs were detected in these samples. The PCE and TCE detections exceeded their associated California MCLs of 5 µg/L, for both compounds in B-7C and PCE in B-13B.

- **Off-Site Dry Cleaner Impacts to Groundwater -** Additionally, the East Block adjoins the north of Cameo Cleaners, an off-site former dry cleaning facility that operated between approximately 1954 and 2012, which is listed on GeoTracker with a project status of "*Open – Remediation as of 3/1/2010,"* for PCE and TCE impacts to soil and groundwater. A number of subsurface investigation and remediation activities have occurred on the Cameo Cleaners property. In the most recent groundwater monitoring report for the Cameo Cleaners property, groundwater flow direction was calculated to flow south, away from the East Block; however, groundwater flow in this area is variable, as it was calculated to flow north, towards the East Block, in former groundwater monitoring reports (i.e., Q2 2018).

  The closest groundwater monitoring well to the site (MW-2), located approximately 60 feet south of the East Block's southeastern site boundary across Obama Boulevard, was sampled on June 11, 2019. The detections included PCE at 270 µg/L, TCE at 79 µg/L, and cis-1,2-DCE at 14 µg/L; all of which exceed their respective MCLs. Two additional dry cleaner facilities are located in the immediate vicinity of the site; specifically, Comet Cleaners is adjoining south of the West Block portion of the site and System Cleaners is located approximately 275 feet north of the West Block portion of the site. System Cleaners is also listed on the GeoTracker database with limited information related to groundwater impacts by VOCs, similar to those of Cameo Cleaners.

  Due to the presence of soil, soil gas, and groundwater contamination at the site, the risk of a potential vapor intrusion concern associated with residual contamination at the site cannot be ruled out. Ramboll notes that due to the large excavation (estimated to be at least 50 feet deep) and subsequent soil removal activities associated with the development of the subway tunnel in the western portion of the East Block, a significant volume of soil has been removed from the area. Ramboll further opines that any USTs historically located along the western boundary of the East Block likely would have been removed during construction. However, Ramboll was not provided with any information regarding remediation activities and/or soil disposal performed on the East Block as part of the LACMTA project.

  Ramboll notes that the soil and soil gas sampling activities conducted at the East Block detected only fuel constituents, and not any chlorinated VOCs (*i.e.*, PCE, TCE). The presence of chlorinated VOCs in groundwater at the site, therefore, appears to be the result of in-migrating VOCs that were released from the off-site dry cleaner sources. If contamination associated with the off-site property(ies) is found to have migrated onto the site, it is expected that any remedial activities would be the responsibility of the entity(ies) named in the listing or other designated responsible party and not the site owner(s) or occupant(s). The potential benefits of vapor mitigation measures, however, should be evaluated.).

- **West Block –** No RECs identified**.**

6.1.2 Other Findings

In addition to the RECs discussed above, the following additional findings related to potential contamination concerns were identified:

- **East Block – Potential Presence of Unknown Features/Impacted Soil.** Due to incomplete agency records, the precise locations and installation and/or removal dates (if any), for many USTs were not available. Additionally, given the extended history of commercial operations (e.g., automotive repair, fueling services) conducted at the East Block, and as evidenced by the discovery of an empty petroleum-related 280-gallon UST on January 14, 2016, during general construction activities, Ramboll cannot rule out the possibility that additional subsurface features (e.g., USTs, sumps) and/or areas of impacted soil may be encountered during future redevelopment activities at the site. UST documentation (e.g., NFA/closure letters) for most of the former East Block USTs was not available for review either within agency records or the GeoTracker database. The absence of UST closure documentation represents a significant data gap, as defined in Section 6.2. Therefore, further investigation into the potential presence of USTs at the site, and the adequacy of prior UST closures, will need to be further evaluated.
- **West Block - Potential Migration of Contamination from Adjoining Gasoline Station.** The Shell Service Station (Shell) is adjoining southeast of the West Block and across Crenshaw Boulevard to the west from the East Block. The Shell property is listed on the UST, LUST, and GeoTracker databases for a release to the subsurface from gasoline dispensing operations. The Shell property was closed under the Low Risk Case Closure process and is listed on GeoTracker with a project status of "*Completed - Case Closed as of 1/4/2013."* The most recent groundwater monitoring report[17] for the property available on GeoTracker, however, indicated that a sampling event was conducted on June 14, 2012.

  Specifically, groundwater monitoring well MW-5, located approximately 25-feet south of the LA Probation Building, was sampled for TPHg, benzene, MTBE, and TBA. Of these fuel constituents, MTBE and TBA were detected at 1.2 µg/L and 491 µg/L, respectively. MTBE did not exceed its California MCL of 13 µg/L, and TBA does not have a California MCL. Of the groundwater monitoring wells sampled for the Shell release, only one groundwater contaminant exceeded its respective its California MCL, which was benzene at 46.8 µg/L; the associated monitoring well (MW-4) was located at Crenshaw Boulevard between the West and East Blocks. Groundwater flow was calculated to the south, away from the West Block.

  Although the Shell property received regulatory closure and groundwater flow was calculated to flow to the south – *i.e.*, away from the site –due to the proximity of the Shell property to the site and that vapor intrusion was not evaluated as part of the Shell's subsurface investigations, the risk of contaminant migration and a VEC to the site from the Shell release cannot be ruled out. If contamination associated with the Shell property is found to have migrated onto the site, it is expected that any remedial activities would be the responsibility of the entities named in the listing(s), if listed, or other designated responsible party and not the site owner(s) or occupant(s). The potential benefits of vapor mitigation measures, however, should be evaluated.

6.1.3 *De Minimis* Conditions

De minimis conditions are those that do not represent a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Ramboll identified a *de minimis* condition during the course of this assessment.

[17] Request for Site Closure Second Quarter 2012 Groundwater Monitoring Report Shell Branded Service Station 3645 South Crenshaw Boulevard Los Angeles, California SAP# 135543 Case No. 900160361, prepared by URS Corporation on July 12, 2012 (the "Shell groundwater monitoring report")

- **Pavement and Floor Staining.** Ramboll observed evidence of minor pavement staining in paved parking areas at the West Block. Based on the patterns of staining, the staining appears to be from employee vehicles. Additionally, approximately three square-feet of oil staining was observed in the vicinity of two five-gallon buckets of oil, positioned on the roof of the LA Probation Building. The rooftop and parking staining did not appear to reach rooftop drains or storm water drains. As such, Ramboll considers these matters to represent a *de minimis* condition and Ramboll recommends no further investigation regarding this issue.

6.1.4 Non-Scope Considerations

Ramboll identified the following findings that relate to non-scope considerations (as discussed in Section 2.2), as detailed below:

- **Asbestos-Containing Materials.** The East Block was not developed with buildings at the time of the site visit. Given the date of construction of the LA Probation Building at the West Block, it is possible that ACMs are present in building materials. According to facility personnel, asbestos sampling and abatement activities were conducted at the LA Probation Building in 2012. Ramboll was provided with an asbestos "close-out" report[18] which summarized the results of asbestos air sampling, following asbestos abatement activities. Though the 2012 asbestos report didn't provide specifications of an asbestos survey(s) or abatement(s), it detailed that asbestos containing floor tile/mastic and cove base/mastic were abated from various locations showing damaged floor tiles between November 30, and December 1, 2012. The results of the asbestos air sampling indicated that there were no recognized health hazards from airborne asbestos fibers.

  Ramboll conducted visual observations of limited areas of the buildings at the site and noted PACM (e.g., thermal system insulation associated with the heating/cooling system and piping in the mechanical room, vinyl floor tile) and other materials that may contain asbestos (e.g., suspended ceiling tiles, roofing materials, vinyl cove base). The PACMs and suspect ACMs that were observed by Ramboll did not appear to be extensively damaged, broken or deteriorated.

  Although ACM abatement activities have been conducted at the LA Probation Building, due to the absence of a comprehensive asbestos survey report and based on the age of the LA Probation Building, Ramboll cannot rule out the potential presence of ACMs in building materials at the LA Probation Building. Therefore, prior to demolition or renovation activities with the potential to affect PACMs or suspect ACMs, further evaluation should be completed to evaluate whether special worker protection measures or disposal procedures are necessary.

- **Water Intrusion/Mold.** The East Block was not developed with buildings at the time of the site visit. Ramboll did not perform a mold survey at the site; however, facility personnel provided information regarding past water intrusion events at the LA Probation Building. Facility personnel reported that in early 2019, a plugged roof drain near the northwestern corner of the LA Probation Building resulted in water pooling on the rooftop and eventually, roof leaks. These roof leaks were reportedly addressed the same day on which they were discovered. Facility personnel provided a 2019 Mold Assessment report[19] for the incident, which indicated that on February 2, 2019, moisture-impacted areas (e.g., cubicle, conference room) were visually inspected for mold related impacts and bulk, swab, and spore trap air samples were collected. The indoor air sampling results

[18] "Asbestos Removal Close-Out Report: Probation Department Crenshaw Area Office 3606 Exposition Blvd", prepared by Alliance Environmental Group on December 3, 2012 (the "2012 asbestos report").

[19] "Microbial Mold Assessment Crenshaw Area Office 3606 W Exposition Boulevard Los Angeles, California 90016", prepared by Environmental Engineering, Inc. on February 4, 2019 (the "2019 Mold assessment report").

of the mold assessment indicated higher concentrations of mold spores in outdoor areas compared to indoor areas, and the tape lift sampling exhibited no microbial spores. As such, the Mold report concluded "*microbial remediation is not recommended at the site at present.*" Accordingly, Ramboll recommends no further investigation regarding this issue.

- **Lead-Based Paint.** Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction date of the LA Probation Building in approximately 1973, it is possible that lead-based paint was used historically on facility structures. Facility personnel were not aware of the presence of any lead-based paint on structures at the facility. Ramboll observed the paint to be in good condition. Prior to any renovation or demolition activities with the potential to disturb painted surface, Ramboll recommends that any lead-based paint at the site be removed in accordance with all applicable laws, including guidelines of OSHA.
- **Lead in Drinking Water.** Drinking water is supplied to the site by the Los Angeles DWP and, therefore, would be expected to comply with state standards, such that lead is unlikely to be present at concentrations above those standards. According to the "*Drinking Water Quality Report 2018*" prepared by DWP, the most recent monitoring of lead concentrations at-the-tap was conducted in 2018. The *Drinking Water Quality Report 2018* summarized the results of the 2018 lead in tap water, detailing that of 103 locations sampled, only 1 exceeded the action level (i.e., 15 µg/L) for lead. The *Drinking Water Quality Report 2018* concluded that Los Angeles has and continues to be in compliance with the lead and copper regulation, based on residential sampling. Based on the information obtained from the *Drinking Water Quality Report 2018*, it appears that drinking water standards are compliant with Federal and State regulations. Ramboll recommends no further investigation regarding this issue.
- **Radon.** Based on information included in the environmental database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon levels between 2 and 4 pCi/L. The USEPA's continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L. This USEPA continuous exposure limit applies to residential, not commercial, properties. According to the California Radon database, of six tests conducted in the same zip code as the site, none exceeded 4.0 pCi/L. A USEPA survey conducted in the in Los Angeles County found that the average radon level of a first floor room at 63 locations was 0.711 pCi/L. Ramboll concludes that radon appears unlikely to represent an environmental concern to the site and recommends no further investigation regarding this issue.

6.2 Analysis of Data Gaps

The ASTM Standard defines a data gap as "a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information." A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps.

Limiting conditions and deviations to the ASTM Standard for the assessment are discussed below.

- Facility personnel did not have current contact information for representatives of former site owners/occupants. Due to extended age of the site and number of historical occupants, it was not

possible to interview representatives dating back to the site's first developed commercial use in the 1950s. However, Ramboll conducted interviews with representatives of LACMTA and the County; who have been associated with the site for at least 2 and 10 years, respectively, and reviewed other historical sources regarding former uses of the site.

- Ramboll was not provided access to the janitorial storage closet in the LA Probation Building due to access constraints. Rather, facility personnel provided information regarding the contents of the janitorial storage closet. Additionally, Ramboll did not observe the interior of the subway tunnel of the East Block due to safety constraints and the West Block transformers due to fencing. Finally, facility personnel reported the presence of an emergency generator at the East Block; however, personnel at the East Block were unaware of the location of the emergency generator.
- As it is a User requirement, Ramboll did not conduct a separate review of records to identify whether any environmental liens or activity and use limitations (AULs) have been imposed on the site. However, Ramboll reviewed the DTSC's Land Use Restrictions database and verified that the site was not listed with an environmental lien or activity use limitations and identified no other evidence indicating the presence of an environmental liens or activity use limitations during its review of records as required by ASTM E 1527-13 and AAI.
- UST documentation (*e.g.*, NFA/closure letters) for most of the former East Block USTs was not available for review either within agency records or the GeoTracker database. As such, further evaluation should be conducted in regard to the possible presence of additional subsurface features (e.g., USTs, clarifiers, pits, etc.) at the site, such as during future redevelopment activities.
- None of the exceptions, deletions, deviations, or site reconnaissance limitations noted above are considered to represent significant data gaps, with the exception of the unavailable UST closure documentation that were not available for Ramboll's review. The effect of this significant data gap on Ramboll's conclusions with respect to conditions at the site is discussed in Section 6.1.

7. ASTM DEFINITIONS

The following definitions are presented in the ASTM Standard:

REC - Recognized Environmental Condition:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.

CREC - Controlled Recognized Environmental Condition:

A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

HREC - Historical Recognized Environmental Condition:

A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

***De minimis* Condition:**

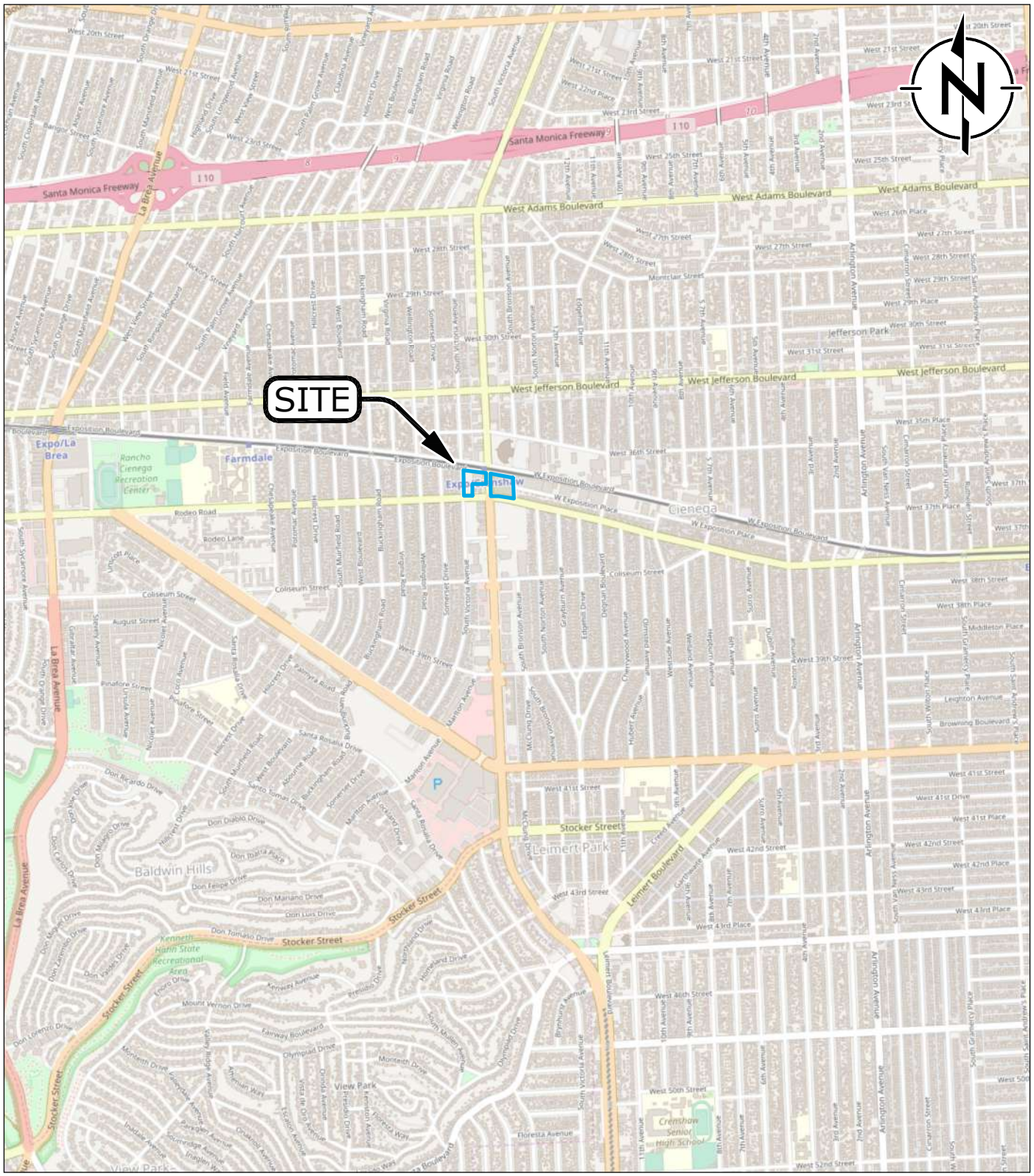
A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Data Gap/Significant Data Gap:

A lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information. A data gap is significant if other information and/or professional experience raises concerns involving the data gap.

Please note that the term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

FIGURES



Legend

Approximate Site Boundary

0 0.5 1

Scale in Miles

0 2,000 4,000

Scale in Feet

KEY MAP

SOURCE:
The National Map, 2018.
Map Scale: 1:60,000,000 Spatial Reference: NAD 1983 UTM Zone 10N; Map Center: 119°9'54"W 37°21'25"N

RAMBOLL

Site Location Map

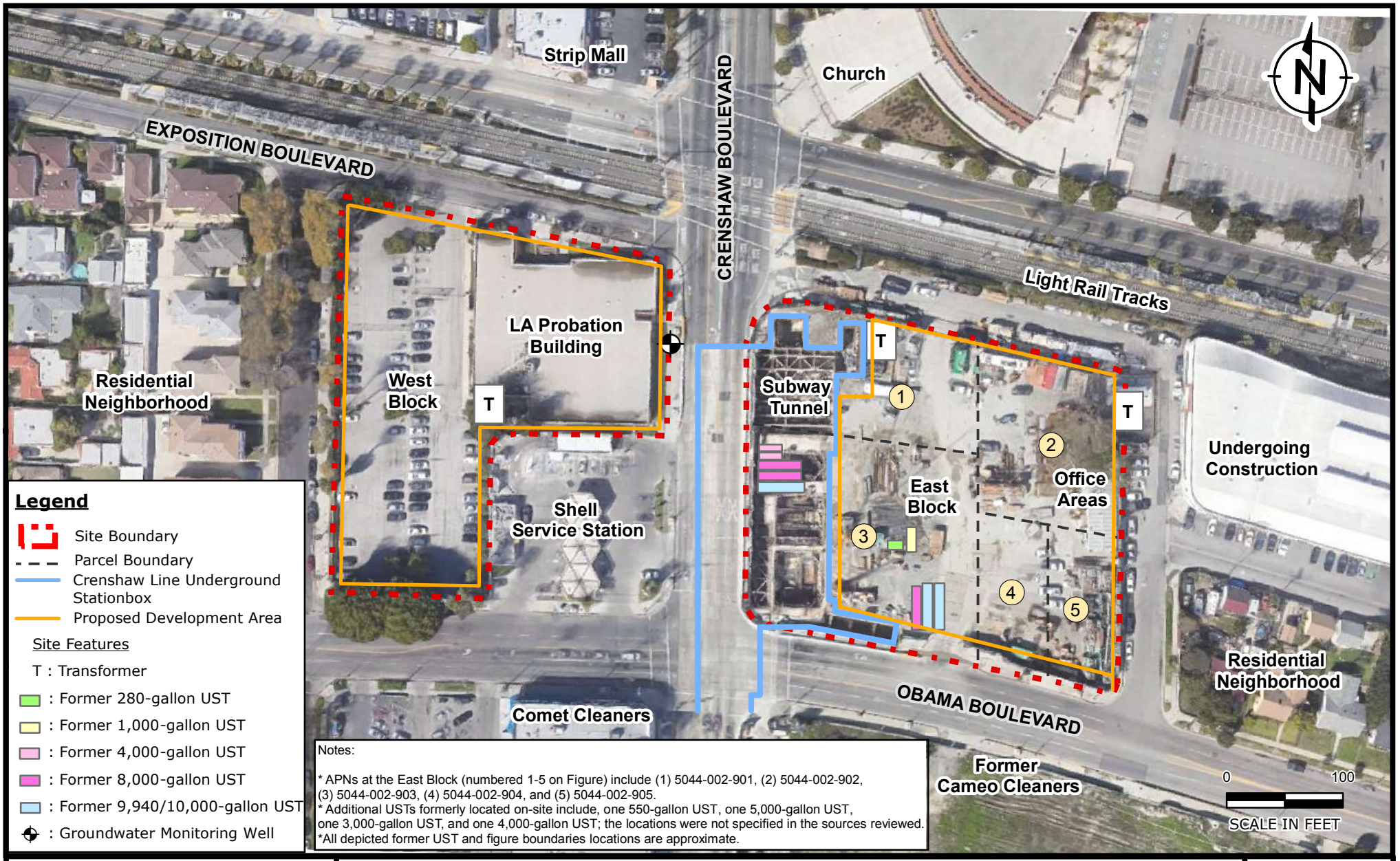
3510 and 3606 Exposition Boulevard; 3630 and 3644 Crenshaw Boulevard; 3501 and 3515 Rodeo Road
Los Angeles, California

FIGURE
1

DRAFTED BY: P. Naffah | DATE: 7/19/2019 | PROJECT: 1690011671

Z:\01_Projects_Phase_1\Watt Investments\Exposition\Phase I Figures\Figure 1 - Site Location Map.mxd

Z:\01_Projects_Phase_I\Watt Investments\Exposition\Phase I Figures\Figure 2 - Site Layout Map V2.0.mxd



Legend

- Site Boundary
- Parcel Boundary
- Crenshaw Line Underground Stationbox
- Proposed Development Area

Site Features

T : Transformer

- : Former 280-gallon UST
- : Former 1,000-gallon UST
- : Former 4,000-gallon UST
- : Former 8,000-gallon UST
- : Former 9,940/10,000-gallon UST
- : Groundwater Monitoring Well

Notes:

* APNs at the East Block (numbered 1-5 on Figure) include (1) 5044-002-901, (2) 5044-002-902, (3) 5044-002-903, (4) 5044-002-904, and (5) 5044-002-905.
* Additional USTs formerly located on-site include, one 550-gallon UST, one 5,000-gallon UST, one 3,000-gallon UST, and one 4,000-gallon UST; the locations were not specified in the sources reviewed.
*All depicted former UST and figure boundaries locations are approximate.

RAMBOLL

DRAFTED BY: P. Naffah | DATE: 7/19/2019

Site Layout Map

3606 Exposition Blvd (West Block); 3510 Exposition Blvd, 3630 and 3644 Crenshaw Blvd, 3501 and 3515 Rodeo Rd (East Block)
Los Angeles, California

FIGURE
2

PROJECT: 1690011671

APPENDIX A
SITE PHOTOGRAPHS

Photo 1: Typical view of constructions activities at the East Block

Photo 2: Typical view of constructions activities at the East Block

Photo 3: Construction activities associated with the East Block's subway

Photo 4: Entrance of the East Block subway

Photo 5: Miscellaneous construction material storage on the East Block

Photo 6: Temporary construction storage and office space on the East Block

Photo 7: Diesel fuel AST on the East Block used for vehicle fueling

Photo 8: Miscellaneous construction material storage along the East Block site boundary

Photo 9: Flammable storage cabinets containing chemicals on the East Block

Photo 10: Industrial-sized roll off waste bin on the East Block for disposal of construction-related wastes

Photo 11: One of two pad-mounted transformers on the East Block

Photo 12: Light rail tracks along the northern site boundary of both East and West Blocks

Photo 13: View of the West Block's parking area with an abandoned soil boring in foreground

Photo 14: Typical office layout in the Los Angeles County (LA) Probation Building (West Block)

Photo 15: Lobby/waiting room of the LA Probation Building (West Block)

Photo 16: Two rooftop cooling towers at the LA Probation Building (West Block)

Photo 17: Oil containers with associated *de minimis* visible staining on the roof of the LA Probation Building (West Block)

Photo 18: Miscellaneous chemical storage at the LA Probation Building (West Block)

Photo 19: Drums containing soil from recent geotechnical soil investigation activities at the West Block

Photo 20: Open-top dumpsters and a pad-mounted transformer near the southwestern corner of the LA Probation Building (West Block)

APPENDIX B
ENVIRONMENTAL DATABASE REPORT

NOTES ON ENVIRONMENTAL DATABASE REPORT

The third-party provider conducted its searches for the standard environmental record sources and the minimum search distances, as specified by the ASTM Standard. The ASTM Standard uses the terminology "approximate minimum search distance" to refer to the radii searched in the environmental database report.

The third-party provider conducted the search of environmental databases in January 2019. Because the environmental databases themselves are sometimes not updated by the specific regulatory agencies for periods of up to one year or more (depending on the database and the state), the database search conducted herein will not necessarily list any facility or site for which an environmental investigation/listing has been initiated subsequent to the last update.

Exposition/Crenshaw
3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016

Inquiry Number: 5533008.2s
January 14, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3606 & 3510-3644 EXPOSITION BLVD
LOS ANGELES, CA 90016

COORDINATES

Latitude (North):	34.0220920 - 34° 1' 19.53''
Longitude (West):	118.3358280 - 118° 20' 8.98''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	376664.1
UTM Y (Meters):	3765215.5
Elevation:	112 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3606 & 3510-3644 EXPOSITION BLVD
LOS ANGELES, CA 90016

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	AL-MADINAH SCHOOL	3510 EXPOSITION PL	FINDS		TP
A2	DEPT OF PROBATION CR	3606 W EXPOSITION BL	HAZNET		TP
A3	LOS ANGELES COUNTY M	3510 EXPOSITION BLVD	HAZNET		TP
B4	CRENSHAW EXPO STATIO	3644 CRENSHAW BLVD	UST	Higher	1 ft.
B5	CRENSHAW/LAX TRANSIT	3646 SOUTH CRENSHAW	HAZNET, CIWQS, WDR	Higher	1 ft.
B6	CRENSHAW/LAX TRANSIT	3646 CRENSHAW	FINDS	Higher	1 ft.
B7	CONROY'S	3646 CRENSHAW BLVD	HAZNET	Higher	1 ft.
A8	HAMAMURA JOHN	3640 VICTORIA AVE	EDR Hist Auto	Lower	9, 0.002, WSW
B9	KAS TEX CORPORATION	3411 EXPOSITION BLVD	SWEEPS UST, CA FID UST	Higher	47, 0.009, East
B10	KAS TEX CORP	3411 EXPOSITION BLVD	HIST UST	Higher	47, 0.009, East
B11	MONTIQUE CORP	3411 EXPOSITION BLVD	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	47, 0.009, East
12	LA VENTILATOR STATIO	3301 EXPOSITION BLVD	RCRA-SQG, FINDS, ECHO	Higher	52, 0.010, East
A13	JOON PARK HONG	3645 CRENSHAW BLVD	HIST UST	Higher	69, 0.013, SE
A14	HONG'S SHELL	3645 CRENSHAW BLVD	HIST UST	Higher	69, 0.013, SE
A15	RODEO SHELL	3645 CRENSHAW BLVD	UST	Higher	69, 0.013, SE
A16	SHELL SERVICE STATIO	3645 CRENSHAW BLVD.	LUST	Higher	69, 0.013, SE
A17	CRENSHAW SHELL MINI	3645 CRENSHAW BLVD	SWEEPS UST, CA FID UST	Higher	69, 0.013, SE
A18	1X SHELL OIL CO #204	3645 SO CRENSHAW BLV	HIST UST, HAZNET	Higher	69, 0.013, SE
A19	ASK CONCORD ENTERPRI	3645 CRENSHAW BLVD	EDR Hist Auto	Higher	69, 0.013, SE
A20	CRENSHAW SHELL & MIN	3645 S CRENSHAW BLVD	UST	Higher	69, 0.013, SE
A21	CRENSHAW SHELL	3645 S CRENSHAW	RCRA-SQG, HIST UST, FINDS, ECHO, HAZNET	Higher	69, 0.013, SE
B22	CAMEO CLEANERS	3650 CRENSHAW BLVD	EDR Hist Cleaner	Higher	120, 0.023, SE
B23	ROCKET CLEANERS & LA	3650 CRENSHAW BLVD	DRYCLEANERS	Higher	120, 0.023, SE
B24	CAMEO CLEANERS	3650 CRENSHAW BLVD	CPS-SLIC, DRYCLEANERS, ENF, HAZNET, CIWQS, WDR	Higher	120, 0.023, SE
B25	CAMEO CLEANERS INC	3650 CRENSHAW BLVD	FINDS, ECHO, DRYCLEANERS, EMI	Higher	120, 0.023, SE
B26	CAMEO CLEANERS	3650 CRENSHAW BLVD	RCRA-SQG	Higher	120, 0.023, SE
B27	CAMEO CLEANERS	3650 S CRENSHAW BLVD	DRYCLEANERS	Higher	120, 0.023, SE
A28	SMITH MAINTENANCE CO	3611 EXPOSITION BLVD	RCRA-SQG, FINDS, ECHO	Higher	123, 0.023, NNE
B29	COMET CLEANERS, INC.	3651 CRENSHAW BLVD	DRYCLEANERS	Higher	155, 0.029, SSE
B30	COMET CLEANERS	3651 CRENSHAW BLVD	DRYCLEANERS	Higher	155, 0.029, SSE
C31	BLUE BIRD LAUNDRY CO	3662 CRENSHAW BLVD	EDR Hist Cleaner	Higher	233, 0.044, SSE
D32	SYSTEM 3 CLEANERS	3631 CRENSHAW BLVD #	RCRA-SQG, FINDS, ECHO	Higher	243, 0.046, NNE
D33	SYSTEM CLEANERS,BAHA	3631 CRENSHAW BLVD S	DRYCLEANERS	Higher	243, 0.046, NNE
D34	CALIFORNIA FINE CLEA	3631 CRENSHAW BLVD	DRYCLEANERS, HAZNET	Higher	243, 0.046, NNE
D35	CALIFORNIA FINE CLEA	3631 CRENSHAW BLVD #	EDR Hist Cleaner	Higher	243, 0.046, NNE
D36	SYSTEM CLEANERS	3631 CRENSHAW	CPS-SLIC	Higher	243, 0.046, NNE
C37	BLUE BIRD LAUNDRY	3622 CRENSHAW BLVD	EDR Hist Cleaner	Higher	269, 0.051, SSE
C38	20TH CENTURY PLASTIC	3628 CRENSHAW BLVD	RCRA-SQG, LUST, CPS-SLIC, FINDS, ECHO, HIST...	Higher	269, 0.051, SSE
C39	20TH CENTURY PLASTIC	3628 CRENSHAW	CPS-SLIC	Higher	269, 0.051, SSE

MAPPED SITES SUMMARY

Target Property Address:
3606 & 3510-3644 EXPOSITION BLVD
LOS ANGELES, CA 90016

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
C40	MONARCH LAUNDRY	3612 CRENSHAW BLVD	EDR Hist Cleaner	Higher	269, 0.051, SSE
E41	REGAL CLEANERS DYE	3602 CRENSHAW BLVD	EDR Hist Cleaner	Higher	356, 0.067, ENE
E42	FILM PROCESSING CO.	3602 CRENSHAW	CPS-SLIC	Higher	356, 0.067, ENE
E43	FULCOR REALTY INC	3602 CRENSHAW BLVD	UST	Higher	356, 0.067, ENE
D44	OLIVER & WINSTON INC	3601 CRENSHAW BLV	EDR Hist Auto	Higher	493, 0.093, North
F45	EUNG PARK	3699 CRENSHAW BLVD	SWEEPS UST, CA FID UST	Higher	568, 0.108, South
46	MATCHMASTER DYING &	3700 CRENSHAW BLVD	UST	Higher	636, 0.120, SSE
G47	CRENSHAW CAR WASH	3518 CRENSHAW BLVD	CPS-SLIC	Higher	673, 0.127, NNE
G48	OBECNY JOHN	3518 CRENSHAW BLVD	EDR Hist Auto	Higher	673, 0.127, NNE
49	APT MEDICAL TRANSPOR	3411 W 36TH ST	RCRA-SQG, FINDS, ECHO	Higher	681, 0.129, NE
G50	WIKSTROM AND OLLODOR	3520 CRENSHAW BLVD	EDR Hist Auto	Higher	691, 0.131, NNE
51	MISSION CUSTOM FURNI	3217 EXPOSITION PL	SWEEPS UST, CA FID UST, EMI	Higher	720, 0.136, East
H52	SO DIST BLDG SVC 36T	3330 W 36TH ST	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	754, 0.143, ENE
H53	36TH ST YARD-SOUTH D	3330 W 36TH ST	HIST UST	Higher	754, 0.143, ENE
H54	36TH ST YARD-SOUTH D	3330 W 36TH ST	SWEEPS UST, CA FID UST	Higher	754, 0.143, ENE
G55	NICHOLSONS AUTO REPA	3501 S CRENSHAW BLVD	EDR Hist Auto	Lower	761, 0.144, North
G56	MIDAS MUFFLER SHOP	3501 CRENSHAW BLVD	SWEEPS UST, CA FID UST	Lower	761, 0.144, North
G57	WESTSIDE ARCO NO. 1	3412 CRENSHAW BLVD	LUST	Higher	803, 0.152, NNE
G58	ARCO #27	3412 CRENSHAW BLVD	SWEEPS UST, CA FID UST	Higher	803, 0.152, NNE
G59	WESTSIDE ARCO #1	3412 CRENSHAW BLVD	UST	Higher	803, 0.152, NNE
G60	AL'S SERVICE #1	3412 S CRENSHAW BLVD	UST	Higher	803, 0.152, NNE
G61	ARCO #0027	3412 CRENSHAW BLVD S	LUST	Higher	803, 0.152, NNE
G62	MORITA ALBERT K	3412 CRENSHAW BLVD	EDR Hist Auto	Higher	803, 0.152, NNE
G63	WESTSIDE ARCO NO. 1	3412 CRENSHAW BLVD	LUST, HIST CORTESE	Higher	803, 0.152, NNE
F64	MERCURY O'CONNOR	3737 CRENSHAW BLVD	LUST, CPS-SLIC, HIST CORTESE	Higher	805, 0.152, South
F65	MERCURY O'CONNNOR	3737 CRENSHAW	CPS-SLIC	Higher	805, 0.152, South
F66	OCONNOR LINCOLN MERC	3737 CRENSHAW BLVD	RCRA-SQG, SWEEPS UST, HIST UST, CA FID UST, FINDS,...	Higher	805, 0.152, South
I67	WALGREENS #7016	3724 CRENSHAW BLVD	RCRA-CESQG	Higher	842, 0.159, SSE
J68	MONARCH CLEANERS D	3417 CRENSHAW BLVD	EDR Hist Cleaner	Lower	915, 0.173, North
I69	MAJESTIC PONTIAC AND	3740 CRENSHAW BLVD	RCRA-SQG, HIST UST, CA FID UST, FINDS, ECHO,...	Higher	944, 0.179, SSE
I70	MAJESTIC PONTIAC & H	3740 CRENSHAW BLVD	UST, SWEEPS UST	Higher	944, 0.179, SSE
I71	COLISEUM CENTER LLC	3740 CRENSHAW BLVD	HIST UST, HAZNET	Higher	944, 0.179, SSE
J72	ALBERT MORITA AND PA	3400 S CRENSHAW BLVD	HIST UST	Higher	1057, 0.200, NNE
J73	ALBERT MORITA & PAUL	3400 CRENSHAW BLVD	HIST UST	Higher	1057, 0.200, NNE
J74	MORITA ALBERT K	3400 CRENSHAW BLVD	EDR Hist Auto	Higher	1057, 0.200, NNE
J75	ALBERT MORITA & PAUL	3400 CRENSHAW BLVD	SWEEPS UST, CA FID UST	Higher	1057, 0.200, NNE
I76	CVS PHARMACY #9582	3741 CRENSHAW BLVD	RCRA-LQG, FINDS, ECHO	Higher	1073, 0.203, South
K77	SEVEN-UP BOTTLING CO	3220 EAST 36TH STREE	HIST UST	Higher	1086, 0.206, ENE
K78	LOS ANGELES GAS AND	W. 36TH STREET	EDR MGP	Higher	1134, 0.215, East

MAPPED SITES SUMMARY

Target Property Address:
3606 & 3510-3644 EXPOSITION BLVD
LOS ANGELES, CA 90016

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L79	SOUTHWESTERN ENGINEE		ENVIROSTOR	Higher	1159, 0.220, NNE
M80	CHANDLER KENNETH	3801 W JEFFERSON BLV	EDR Hist Auto	Lower	1178, 0.223, NNW
M81	DAYMONT V N	3822 W JEFFERSON BLV	EDR Hist Auto	Lower	1192, 0.226, NNW
M82	INTERNATIONAL TERRA	3821 W JEFFERSON BLV	RCRA-SQG, FINDS, ECHO	Lower	1201, 0.227, NNW
N83	WESTERN FUEL GROUP #	3063 S CRENSHAW BLVD	UST	Lower	1222, 0.231, North
N84	CHEVRON 90485	3063 CRENSHAW BLVD	SWEEPS UST, CA FID UST, HAZNET	Lower	1222, 0.231, North
N85	MKL CHEVRON	3063 CRENSHAW BLVD	EDR Hist Auto	Lower	1222, 0.231, North
N86	CHEVRON STATION #9-0	3063 CRENSHAW BLVD	UST	Lower	1222, 0.231, North
N87	90485	3063 CRENSHAW BLVD	HIST UST	Lower	1222, 0.231, North
88	DISTRIBUTING STATION	3125 EXPOSITION BLVD	AST	Higher	1227, 0.232, East
L89	HASSEL HANS	3503 W JEFFERSON BLV	EDR Hist Auto	Higher	1249, 0.237, NNE
K90	SO CAL GAS (CRENSHAW	3124 W 36TH ST	ENVIROSTOR, UST, SWEEPS UST	Higher	1251, 0.237, East
K91	36TH ST	3124 W 36TH ST	HIST UST	Higher	1251, 0.237, East
K92	S CALIFORNIA GAS CO	3124 W 36TH ST	RCRA-SQG, FINDS, ECHO	Higher	1251, 0.237, East
K93	36TH ST.	3124 W 36TH ST	HIST UST	Higher	1251, 0.237, East
K94	SO CAL GAS COMPANY	3124 W 36TH ST	CA FID UST	Higher	1251, 0.237, East
O95	MORSE AL AUTOMOTIVE	3900 W JEFFERSON	EDR Hist Auto	Lower	1253, 0.237, NW
O96	CITY OF LOS ANGELES	3900 JEFFERSON BLVD,	LUST	Lower	1253, 0.237, NW
O97	FLIPPER T FAIRCHILD	3900 W JEFFERSON BLV	SWEEPS UST, CA FID UST	Lower	1253, 0.237, NW
L98	MILLER RAY	3501 W JEFFERSON BLV	EDR Hist Auto	Higher	1257, 0.238, NNE
P99	LULA WASHINGTON DANC	3773 CRENSHAW BLVD	LUST	Higher	1409, 0.267, South
P100	LULA WASHINGTON DANC	3773 S. CRENSHAW BOU	US BROWNFIELDS, FINDS	Higher	1409, 0.267, South
101	STELLA MIDDLE CHARTE	2905 EXPOSITION PLAC	ENVIROSTOR, SCH	Higher	1755, 0.332, ESE
Q102	PEERLESS SUEDE & LEA	3115 W JEFFERSON AVE	RCRA-SQG, LUST, FINDS, ECHO	Higher	1847, 0.350, NE
Q103	PEERLESS SUEDE & LEA	3115 JEFFERSON BLVD	LUST	Higher	1847, 0.350, NE
R104	BOYD PETERSON	3833 CRENSHAW BLVD	LUST, HIST CORTESE	Higher	1975, 0.374, South
R105	BOYD PETERSON	3833 CRENSHAW BLVD	LUST	Higher	1975, 0.374, South
106	ANGELUS FUNERAL HOME	3875 CRENSHAW BLVD	LUST, HAZNET, HIST CORTESE	Higher	2273, 0.430, South
107	LAUSD-DORSEY HIGH SC	3537 FARMDALE AVE	RCRA-LQG, ENVIROSTOR, SCH, FINDS, ECHO, NPDES,...	Lower	2992, 0.567, West
108	GRACE HOUSE FOSTER Y	3726 WEST ADAMS BOUL	ENVIROSTOR	Higher	4416, 0.836, NE
109	AAA BATTERY 95		ENVIROSTOR	Higher	4993, 0.946, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
AL-MADINAH SCHOOL 3510 EXPOSITION PL LOS ANGELES, CA 90018	FINDS Registry ID:: 110011553194	N/A
DEPT OF PROBATION CR 3606 W EXPOSITION BL LOS ANGELES, CA 90016	HAZNET GEPAID: CAC002607346	N/A
LOS ANGELES COUNTY M 3510 EXPOSITION BLVD LOS ANGELES, CA 90018	HAZNET GEPAID: CAC002756517	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

AOCONCERN ---- Key Areas of Concerns in Los Angeles County
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
CERS HAZ WASTE ---- CERS HAZ WASTE
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators / No Longer Regulated
FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations

FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
ECHO ---- Enforcement & Compliance History Information
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
Cortese ---- "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings ---- CUPA Resources List
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- ICE
LOS ANGELES CO. HMS ---- HMS: Street Number List
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
LA Co. Site Mitigation ---- Site Mitigation List
UIC ---- UIC Listing
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
UIC GEO ---- UIC GEO (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
PROJECT ---- PROJECT (GEOTRACKER)

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY #9582 EPA ID:: CAR000237396	***3741 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.203 mi.)***	***I76***	***104***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 13 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTIQUE CORP EPA ID:: CA0000954073	***3411 EXPOSITION BLVD***	***E 0 - 1/8 (0.009 mi.)***	***B11***	***15***
LA VENTILATOR STATIO EPA ID:: CAD981986706	***3301 EXPOSITION BLVD***	***E 0 - 1/8 (0.010 mi.)***	***12***	***17***
CRENSHAW SHELL EPA ID:: CAR000115915	***3645 S CRENSHAW***	***SE 0 - 1/8 (0.013 mi.)***	***A21***	***28***
CAMEO CLEANERS EPA ID:: CAR000129908	3650 CRENSHAW BLVD	SE 0 - 1/8 (0.023 mi.)	B26	47
SMITH MAINTENANCE CO EPA ID:: CA0000368886	***3611 EXPOSITION BLVD***	***NNE 0 - 1/8 (0.023 mi.)***	***A28***	***49***
SYSTEM 3 CLEANERS	***3631 CRENSHAW BLVD #***	***NNE 0 - 1/8 (0.046 mi.)***	***D32***	***52***

EPA ID:: CAD982000150

20TH CENTURY PLASTIC EPA ID:: CAD028616050	***3628 CRENSHAW BLVD***	***SSE 0 - 1/8 (0.051 mi.)***	***C38***	***56***
APT MEDICAL TRANSPOR EPA ID:: CA0000269605	***3411 W 36TH ST***	***NE 1/8 - 1/4 (0.129 mi.)***	***49***	***65***
SO DIST BLDG SVC 36T EPA ID:: CAD982495129	***3330 W 36TH ST***	***ENE 1/8 - 1/4 (0.143 mi.)***	***H52***	***69***
OCONNOR LINCOLN MERC EPA ID:: CAD028568368	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.152 mi.)***	***F66***	***86***
MAJESTIC PONTIAC AND EPA ID:: CAD983608266	***3740 CRENSHAW BLVD***	***SSE 1/8 - 1/4 (0.179 mi.)***	***I69***	***95***
S CALIFORNIA GAS CO EPA ID:: CAD981422074	***3124 W 36TH ST***	***E 1/8 - 1/4 (0.237 mi.)***	***K92***	***123***

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERNATIONAL TERRA EPA ID:: CAD981428774	***3821 W JEFFERSON BLV***	***NNW 1/8 - 1/4 (0.227 mi.)***	***M82***	***113***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS #7016 EPA ID:: CAL000323472	3724 CRENSHAW BLVD	SSE 1/8 - 1/4 (0.159 mi.)	I67	91

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/29/2018 has revealed that there are

6 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHWESTERN ENGINEE Facility Id: 80001143 Status: Inactive - Needs Evaluation		NNE 1/8 - 1/4 (0.220 mi.)	L79	111
SO CAL GAS (CRENSHAW Facility Id: 80001142 Status: Inactive - Needs Evaluation	***3124 W 36TH ST***	***E 1/8 - 1/4 (0.237 mi.)***	***K90***	***120***
STELLA MIDDLE CHARTE Facility Id: 60002102 Status: No Further Action	***2905 EXPOSITION PLAC***	***ESE 1/4 - 1/2 (0.332 mi.)***	***101***	***153***
GRACE HOUSE FOSTER Y Facility Id: 19830007 Status: No Action Required	3726 WEST ADAMS BOUL	NE 1/2 - 1 (0.836 mi.)	108	177
AAA BATTERY 95 Facility Id: 80000277 Status: Inactive - Needs Evaluation		WSW 1/2 - 1 (0.946 mi.)	109	178

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAUSD-DORSEY HIGH SC Facility Id: 60001319 Facility Id: 60000619 Status: Certified Status: Inactive - Needs Evaluation	***3537 FARMDALE AVE***	***W 1/2 - 1 (0.567 mi.)***	***107***	***165***

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 13 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO Database: LUST, Date of Government Version: 09/10/2018 Status: Completed - Case Closed Global Id: T0603764817	3645 CRENSHAW BLVD.	SE 0 - 1/8 (0.013 mi.)	A16	21
20TH CENTURY PLASTIC Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: 900160243 Status: Leak being confirmed Global Id: T0603700574 Global ID: T0603700574	***3628 CRENSHAW BLVD***	***SSE 0 - 1/8 (0.051 mi.)***	***C38***	***56***
WESTSIDE ARCO NO. 1 Database: LUST REG 4, Date of Government Version: 09/07/2004	3412 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.152 mi.)	G57	77

Facility Id: 900160170A
Status: Preliminary site assessment underway
Global ID: T0603793056

ARCO #0027 — 3412 CRENSHAW BLVD S — NNE 1/8 - 1/4 (0.152 mi.) — G61 — 80
Database: LUST, Date of Government Version: 09/10/2018
Database: LUST REG 4, Date of Government Version: 09/07/2004
Status: Completed - Case Closed
Facility Id: 900160170
Status: Case Closed
Global Id: T0603700567
Global ID: T0603700567

WESTSIDE ARCO NO. 1 — ***3412 CRENSHAW BLVD*** — ***NNE 1/8 - 1/4 (0.152 mi.)*** — ***G63*** — ***83***
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603793056

MERCURY O'CONNOR — ***3737 CRENSHAW BLVD*** — ***S 1/8 - 1/4 (0.152 mi.)*** — ***F64*** — ***84***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: SLIC435
Status: Case Closed
Global ID: T0603705560

LULA WASHINGTON DANC — 3773 CRENSHAW BLVD — S 1/4 - 1/2 (0.267 mi.) — P99 — 130
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T10000001120

PEERLESS SUEDE & LEA — ***3115 W JEFFERSON AVE*** — ***NE 1/4 - 1/2 (0.350 mi.)*** — ***Q102*** — ***156***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900180043
Status: Case Closed
Global ID: T0603700603

PEERLESS SUEDE & LEA — 3115 JEFFERSON BLVD — NE 1/4 - 1/2 (0.350 mi.) — Q103 — 159
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603700603

BOYD PETERSON — ***3833 CRENSHAW BLVD*** — ***S 1/4 - 1/2 (0.374 mi.)*** — ***R104*** — ***160***
Database: LUST, Date of Government Version: 09/10/2018
Status: Completed - Case Closed
Global Id: T0603700483

BOYD PETERSON — 3833 CRENSHAW BLVD — S 1/4 - 1/2 (0.374 mi.) — R105 — 162
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900080052
Status: Case Closed
Global ID: T0603700483

ANGELUS FUNERAL HOME — ***3875 CRENSHAW BLVD*** — ***S 1/4 - 1/2 (0.430 mi.)*** — ***106*** — ***163***
Database: LUST, Date of Government Version: 09/10/2018
Database: LUST REG 4, Date of Government Version: 09/07/2004
Status: Completed - Case Closed
Facility Id: 900800016
Status: Case Closed
Global Id: T0603701238
Global ID: T0603701238

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LOS ANGELES	3900 JEFFERSON BLVD,	NW 1/8 - 1/4 (0.237 mi.)	O96	127

Database: LUST, Date of Government Version: 09/10/2018

Status: Completed - Case Closed
Global Id: T10000002997

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 8 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMEO CLEANERS	***3650 CRENSHAW BLVD***	***SE 0 - 1/8 (0.023 mi.)***	***B24***	***34***
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Remediation Facility Status: Remediation Global Id: SL2045H1621				
SYSTEM CLEANERS	3631 CRENSHAW	NNE 0 - 1/8 (0.046 mi.)	D36	55
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Open - Inactive Facility Status: Inactive Global Id: SLT4L5341833				
20TH CENTURY PLASTIC	***3628 CRENSHAW BLVD***	***SSE 0 - 1/8 (0.051 mi.)***	***C38***	***56***
Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Global Id: SLT43119117				
20TH CENTURY PLASTIC	3628 CRENSHAW	SSE 0 - 1/8 (0.051 mi.)	C39	61
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: No further action required				
FILM PROCESSING CO.	3602 CRENSHAW	ENE 0 - 1/8 (0.067 mi.)	E42	61
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Facility Status: No further action required Global Id: SL204451581				
CRENSHAW CAR WASH	3518 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.127 mi.)	G47	64
Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Facility Status: No further action required Global Id: SLT43352350				
MERCURY O'CONNOR	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.152 mi.)***	***F64***	***84***
Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Global Id: T0603705560 Global Id: SL204421578				
MERCURY O'CONNNOR	3737 CRENSHAW	S 1/8 - 1/4 (0.152 mi.)	F65	86
Database: SLIC REG 4, Date of Government Version: 11/17/2004				

Facility Status: No further action required

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 11 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRENSHAW EXPO STATIO Database: UST, Date of Government Version: 09/10/2018	3644 CRENSHAW BLVD	0 - 1/8 (0.000 mi.)	B4	11
RODEO SHELL Database: UST, Date of Government Version: 09/10/2018 Facility Id: 25167	3645 CRENSHAW BLVD	SE 0 - 1/8 (0.013 mi.)	A15	21
CRENSHAW SHELL & MIN Database: UST, Date of Government Version: 09/10/2018	3645 S CRENSHAW BLVD	SE 0 - 1/8 (0.013 mi.)	A20	28
FULCOR REALTY INC Database: UST, Date of Government Version: 09/10/2018 Facility Id: 23588	3602 CRENSHAW BLVD	ENE 0 - 1/8 (0.067 mi.)	E43	62
MATCHMASTER DYING & Database: UST, Date of Government Version: 09/10/2018 Facility Id: 25169	3700 CRENSHAW BLVD	SSE 0 - 1/8 (0.120 mi.)	46	64
WESTSIDE ARCO #1 Database: UST, Date of Government Version: 09/10/2018 Facility Id: 25158	3412 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.152 mi.)	G59	79
AL'S SERVICE #1 Database: UST, Date of Government Version: 09/10/2018	3412 S CRENSHAW BLVD	NNE 1/8 - 1/4 (0.152 mi.)	G60	79
MAJESTIC PONTIAC & H Database: UST, Date of Government Version: 09/10/2018 Facility Id: 25171	***3740 CRENSHAW BLVD***	***SSE 1/8 - 1/4 (0.179 mi.)***	***I70***	***99***
SO CAL GAS (CRENSHAW Database: UST, Date of Government Version: 09/10/2018 Facility Id: 25132 Facility Id: FA0001256	***3124 W 36TH ST***	***E 1/8 - 1/4 (0.237 mi.)***	***K90***	***120***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN FUEL GROUP # Database: UST, Date of Government Version: 09/10/2018 Facility Id: FA0022515	3063 S CRENSHAW BLVD	N 1/8 - 1/4 (0.231 mi.)	N83	114
CHEVRON STATION #9-0 Database: UST, Date of Government Version: 09/10/2018 Facility Id: 23768	3063 CRENSHAW BLVD	N 1/8 - 1/4 (0.231 mi.)	N86	118

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DISTRIBUTING STATION Database: AST, Date of Government Version: 07/06/2016	3125 EXPOSITION BLVD	E 1/8 - 1/4 (0.232 mi.)	88	119

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LULA WASHINGTON DANC ACRES property ID: 15201	***3773 S. CRENSHAW BOU***	***S 1/4 - 1/2 (0.267 mi.)***	***P100***	***131***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 13 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAS TEX CORPORATION Comp Number: 2224	***3411 EXPOSITION BLVD***	***E 0 - 1/8 (0.009 mi.)***	***B9***	***14***
CRENSHAW SHELL MINI Status: A Tank Status: A Comp Number: 2862	***3645 CRENSHAW BLVD***	***SE 0 - 1/8 (0.013 mi.)***	***A17***	***25***
EUNG PARK Status: A Comp Number: 5985	***3699 CRENSHAW BLVD***	***S 0 - 1/8 (0.108 mi.)***	***F45***	***63***
MISSION CUSTOM FURNI Status: A Comp Number: 4072	***3217 EXPOSITION PL***	***E 1/8 - 1/4 (0.136 mi.)***	***51***	***67***
36TH ST YARD-SOUTH D	***3330 W 36TH ST***	***ENE 1/8 - 1/4 (0.143 mi.)***	***H54***	***72***

Status: A
Tank Status: A
Comp Number: 2465

ARCO #27	***3412 CRENSHAW BLVD***	***NNE 1/8 - 1/4 (0.152 mi.)***	***G58***	***78***
Status: A Tank Status: A Comp Number: 5578				
OCONNOR LINCOLN MERC	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.152 mi.)***	***F66***	***86***
Comp Number: 2790				
MAJESTIC PONTIAC & H	***3740 CRENSHAW BLVD***	***SSE 1/8 - 1/4 (0.179 mi.)***	***I70***	***99***
Status: A Tank Status: A Comp Number: 2259				
ALBERT MORITA & PAUL	***3400 CRENSHAW BLVD***	***NNE 1/8 - 1/4 (0.200 mi.)***	***J75***	***102***
Comp Number: 1556				
SO CAL GAS (CRENSHAW	***3124 W 36TH ST***	***E 1/8 - 1/4 (0.237 mi.)***	***K90***	***120***
Status: A Tank Status: A Comp Number: 779				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MIDAS MUFFLER SHOP	***3501 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.144 mi.)***	***G56***	***76***
Comp Number: 7525				
CHEVRON 90485	***3063 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.231 mi.)***	***N84***	***115***
Status: A Tank Status: A Comp Number: 3456				
FLIPPER T FAIRCHILD	***3900 W JEFFERSON BLV***	***NW 1/8 - 1/4 (0.237 mi.)***	***O97***	***129***
Status: A Comp Number: 4320				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 15 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAS TEX CORP Facility Id: 00000041258	3411 EXPOSITION BLVD	E 0 - 1/8 (0.009 mi.)	B10	14
JOON PARK HONG Facility Id: 00000007760	3645 CRENSHAW BLVD	SE 0 - 1/8 (0.013 mi.)	A13	19
HONG'S SHELL Facility Id: 00000050948	3645 CRENSHAW BLVD	SE 0 - 1/8 (0.013 mi.)	A14	20
1X SHELL OIL CO #204	***3645 SO CRENSHAW BLV***	***SE 0 - 1/8 (0.013 mi.)***	***A18***	***26***
CRENSHAW SHELL	***3645 S CRENSHAW***	***SE 0 - 1/8 (0.013 mi.)***	***A21***	***28***
36TH ST YARD-SOUTH D Facility Id: 00000047114	3330 W 36TH ST	ENE 1/8 - 1/4 (0.143 mi.)	H53	71
OCONNOR LINCOLN MERC	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.152 mi.)***	***F66***	***86***

Facility Id: 00000066506				
Facility Id: 00000050753				
MAJESTIC PONTIAC AND	***3740 CRENSHAW BLVD***	***SSE 1/8 - 1/4 (0.179 mi.)***	***I69***	***95***
Facility Id: 00000041420				
COLISEUM CENTER LLC	***3740 CRENSHAW BLVD***	***SSE 1/8 - 1/4 (0.179 mi.)***	***I71***	***100***
ALBERT MORITA AND PA	3400 S CRENSHAW BLVD	NNE 1/8 - 1/4 (0.200 mi.)	J72	101
ALBERT MORITA & PAUL	3400 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.200 mi.)	J73	101
Facility Id: 00000026468				
SEVEN-UP BOTTLING CO	3220 EAST 36TH STREE	ENE 1/8 - 1/4 (0.206 mi.)	K77	110
36TH ST	3124 W 36TH ST	E 1/8 - 1/4 (0.237 mi.)	K91	122
Facility Id: 00000007476				
36TH ST.	3124 W 36TH ST	E 1/8 - 1/4 (0.237 mi.)	K93	125
Facility Id: 00000007475				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
90485	3063 CRENSHAW BLVD	N 1/8 - 1/4 (0.231 mi.)	N87	118
Facility Id: 00000061827				

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 13 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
KAS TEX CORPORATION	***3411 EXPOSITION BLVD***	***E 0 - 1/8 (0.009 mi.)***	***B9***	***14***
Facility Id: 19054240				
Status: I				
CRENSHAW SHELL MINI	***3645 CRENSHAW BLVD***	***SE 0 - 1/8 (0.013 mi.)***	***A17***	***25***
Facility Id: 19009982				
Status: A				
EUNG PARK	***3699 CRENSHAW BLVD***	***S 0 - 1/8 (0.108 mi.)***	***F45***	***63***
Facility Id: 19005850				
Status: A				
MISSION CUSTOM FURNI	***3217 EXPOSITION PL***	***E 1/8 - 1/4 (0.136 mi.)***	***51***	***67***
Facility Id: 19055672				
Status: A				
36TH ST YARD-SOUTH D	***3330 W 36TH ST***	***ENE 1/8 - 1/4 (0.143 mi.)***	***H54***	***72***
Facility Id: 19021077				
Status: A				
ARCO #27	***3412 CRENSHAW BLVD***	***NNE 1/8 - 1/4 (0.152 mi.)***	***G58***	***78***
Facility Id: 19001652				
Status: A				
OCONNOR LINCOLN MERC	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.152 mi.)***	***F66***	***86***
Facility Id: 19001656				
Status: I				
MAJESTIC PONTIAC AND	***3740 CRENSHAW BLVD***	***SSE 1/8 - 1/4 (0.179 mi.)***	***I69***	***95***
Facility Id: 19035120				

Status: A

ALBERT MORITA & PAUL Facility Id: 19055412 Status: A	***3400 CRENSHAW BLVD***	***NNE 1/8 - 1/4 (0.200 mi.)***	***J75***	***102***
SO CAL GAS COMPANY Facility Id: 19020949 Status: A	3124 W 36TH ST	E 1/8 - 1/4 (0.237 mi.)	K94	125

Lower Elevation	Address	Direction / Distance	Map ID	Page
MIDAS MUFFLER SHOP Facility Id: 19010493 Status: I	***3501 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.144 mi.)***	***G56***	***76***
CHEVRON 90485 Facility Id: 19050306 Status: A	***3063 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.231 mi.)***	***N84***	***115***
FLIPPER T FAIRCHILD Facility Id: 19055748 Status: A	***3900 W JEFFERSON BLV***	***NW 1/8 - 1/4 (0.237 mi.)***	***O97***	***129***

Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/15/2018 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRENSHAW/LAX TRANSIT Registry ID:: 110065917191	3646 CRENSHAW	0 - 1/8 (0.000 mi.)	B6	12

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 8 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROCKET CLEANERS & LA Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018	3650 CRENSHAW BLVD	SE 0 - 1/8 (0.023 mi.)	B23	33
CAMEO CLEANERS Database: DRYCLEANERS, Date of Government Version: 08/30/2018	***3650 CRENSHAW BLVD***	***SE 0 - 1/8 (0.023 mi.)***	***B24***	***34***

EPA Id: CAR000129908

CAMEO CLEANERS INC	***3650 CRENSHAW BLVD***	***SE 0 - 1/8 (0.023 mi.)***	***B25***	***43***
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018				
CAMEO CLEANERS	3650 S CRENSHAW BLVD	SE 0 - 1/8 (0.023 mi.)	B27	49
Database: DRYCLEANERS, Date of Government Version: 08/30/2018 EPA Id: CAL000030827				
COMET CLEANERS, INC.	3651 CRENSHAW BLVD	SSE 0 - 1/8 (0.029 mi.)	B29	51
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018				
COMET CLEANERS	3651 CRENSHAW BLVD	SSE 0 - 1/8 (0.029 mi.)	B30	51
Database: DRYCLEANERS, Date of Government Version: 08/30/2018 EPA Id: CAL000384644				
SYSTEM CLEANERS,BAHA	3631 CRENSHAW BLVD S	NNE 0 - 1/8 (0.046 mi.)	D33	54
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018				
CALIFORNIA FINE CLEA	***3631 CRENSHAW BLVD***	***NNE 0 - 1/8 (0.046 mi.)***	***D34***	***54***
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018				

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2017 has revealed that there are 2 HAZNET sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRENSHAW/LAX TRANSIT	***3646 SOUTH CRENSHAW***	***0 - 1/8 (0.000 mi.)***	***B5***	***11***
GEPAID: CAC002906986				
CONROY'S	3646 CRENSHAW BLVD	0 - 1/8 (0.000 mi.)	B7	12
GEPAID: CAL000128971 GEPAID: CAC002879391				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
20TH CENTURY PLASTIC	***3628 CRENSHAW BLVD***	***SSE 0 - 1/8 (0.051 mi.)***	***C38***	***56***
Reg Id: 900160243				
WESTSIDE ARCO NO. 1	***3412 CRENSHAW BLVD***	***NNE 1/8 - 1/4 (0.152 mi.)***	***G63***	***83***
Reg Id: 900160170				
MERCURY O'CONNOR	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.152 mi.)***	***F64***	***84***
Reg Id: SLIC435				
BOYD PETERSON	***3833 CRENSHAW BLVD***	***S 1/4 - 1/2 (0.374 mi.)***	***R104***	***160***

Reg Id: 900080052

ANGELUS FUNERAL HOME	***3875 CRENSHAW BLVD***	***S 1/4 - 1/2 (0.430 mi.)***	***106***	***163***

Reg Id: 900800016

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES GAS AND	W. 36TH STREET	E 1/8 - 1/4 (0.215 mi.)	K78	111

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 14 EDR Hist Auto sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ASK CONCORD ENTERPRI	3645 CRENSHAW BLVD	SE 0 - 1/8 (0.013 mi.)	A19	27
OLIVER & WINSTON INC	3601 CRENSHAW BLV	N 0 - 1/8 (0.093 mi.)	D44	62
OBECNY JOHN	3518 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.127 mi.)	G48	64
WIKSTROM AND OLLODOR	3520 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.131 mi.)	G50	67
MORITA ALBERT K	3412 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.152 mi.)	G62	82
MORITA ALBERT K	3400 CRENSHAW BLVD	NNE 1/8 - 1/4 (0.200 mi.)	J74	102
HASSEL HANS	3503 W JEFFERSON BLV	NNE 1/8 - 1/4 (0.237 mi.)	L89	120
MILLER RAY	3501 W JEFFERSON BLV	NNE 1/8 - 1/4 (0.238 mi.)	L98	130

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAMAMURA JOHN	3640 VICTORIA AVE	WSW 0 - 1/8 (0.002 mi.)	A8	13
NICHOLSONS AUTO REPA	3501 S CRENSHAW BLVD	N 1/8 - 1/4 (0.144 mi.)	G55	75
CHANDLER KENNETH	3801 W JEFFERSON BLV	NNW 1/8 - 1/4 (0.223 mi.)	M80	112

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAYMONT V N	3822 W JEFFERSON BLV	NNW 1/8 - 1/4 (0.226 mi.)	M81	112
MKL CHEVRON	3063 CRENSHAW BLVD	N 1/8 - 1/4 (0.231 mi.)	N85	117
MORSE AL AUTOMOTIVE	3900 W JEFFERSON	NW 1/8 - 1/4 (0.237 mi.)	O95	126

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 7 EDR Hist Cleaner sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMEO CLEANERS	3650 CRENSHAW BLVD	SE 0 - 1/8 (0.023 mi.)	B22	32
BLUE BIRD LAUNDRY CO	3662 CRENSHAW BLVD	SSE 0 - 1/8 (0.044 mi.)	C31	52
CALIFORNIA FINE CLEA	3631 CRENSHAW BLVD #	NNE 0 - 1/8 (0.046 mi.)	D35	55
BLUE BIRD LAUNDRY	3622 CRENSHAW BLVD	SSE 0 - 1/8 (0.051 mi.)	C37	56
MONARCH LAUNDRY	3612 CRENSHAW BLVD	SSE 0 - 1/8 (0.051 mi.)	C40	61
REGAL CLEANERS DYE	3602 CRENSHAW BLVD	ENE 0 - 1/8 (0.067 mi.)	E41	61

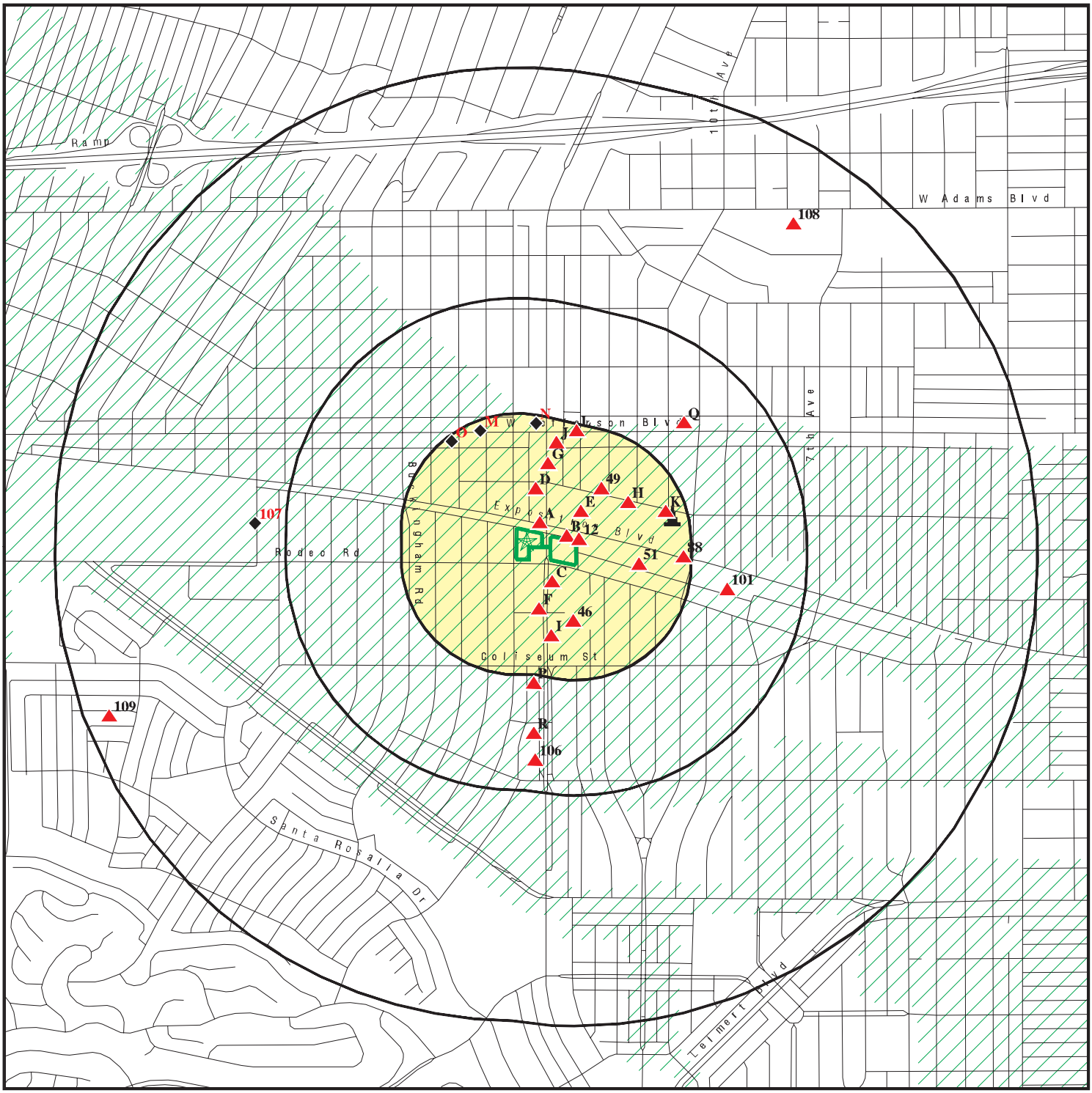
Lower Elevation	Address	Direction / Distance	Map ID	Page
MONARCH CLEANERS D	3417 CRENSHAW BLVD	N 1/8 - 1/4 (0.173 mi.)	J68	95

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
CRENSHAW/LAX TRANSIT CORRIDOR PROJ	CIWQS
CRENSHAW VILLAGE	RGA LUST
SO CAL GAS CRENSHAW RECEIVER	HAZNET
LOS ANGELES COUNTY MTA CRENSHAW LA	HAZNET
CRENSHAW/LAX TRANSIT CORRIDOR PROJ	FINDS, ECHO

OVERVIEW MAP - 5533008.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

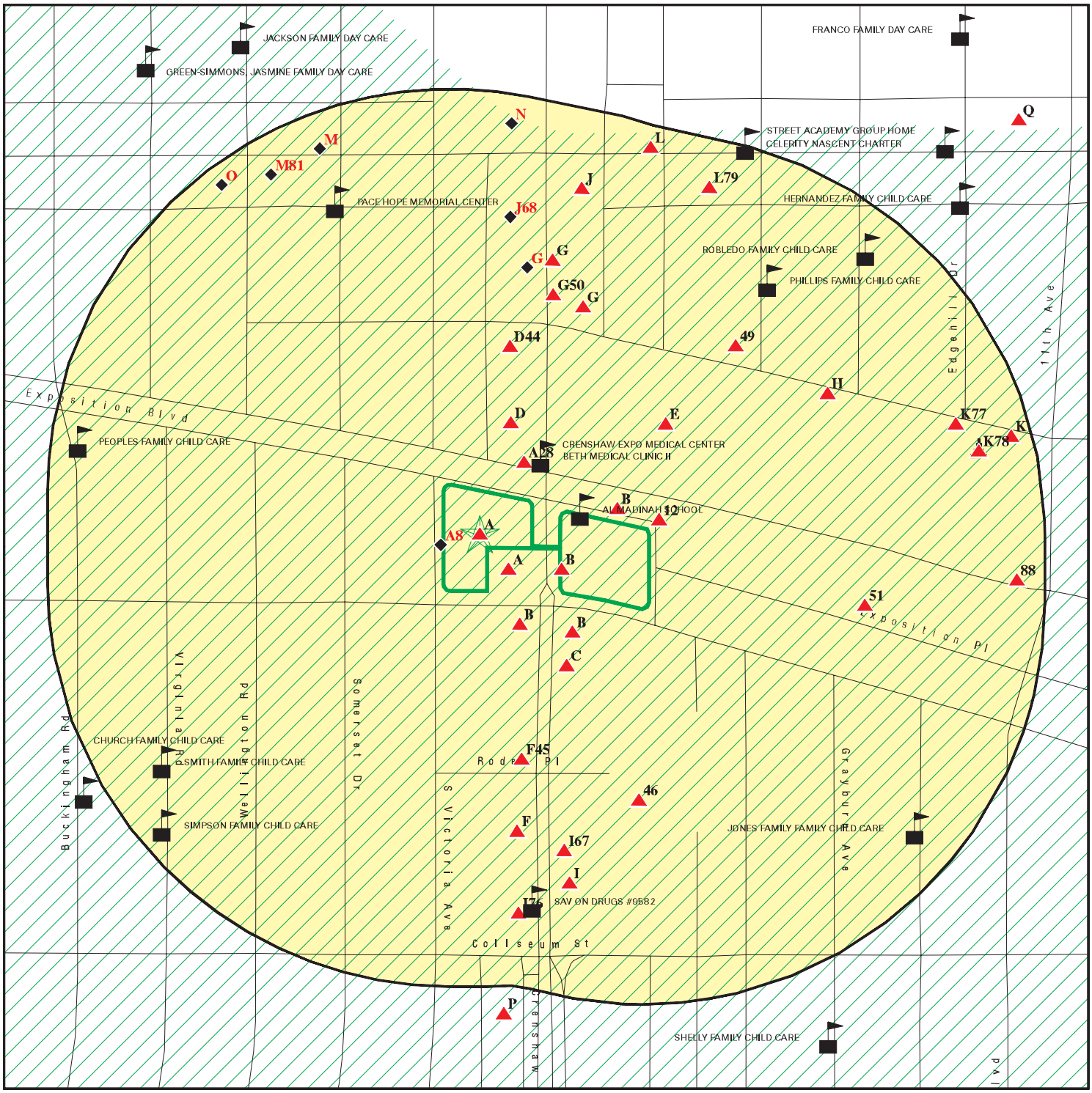
Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Exposition/Crenshaw	CLIENT:	Ramboll
ADDRESS:	3606 & 3510-3644 Exposition Blvd Los Angeles CA 90016	CONTACT:	Patrick Naffah
LAT/LONG:	34.022092 / 118.335828	INQUIRY #:	5533008.2s
		DATE:	January 14, 2019 10:07 am

DETAIL MAP - 5533008.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Exposition/Crenshaw	CLIENT:	Ramboll
ADDRESS:	3606 & 3510-3644 Exposition Blvd Los Angeles CA 90016	CONTACT:	Patrick Naffah
LAT/LONG:	34.022092 / 118.335828	INQUIRY #:	5533008.2s
		DATE:	January 14, 2019 10:09 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		7	6	NR	NR	NR	13
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	2	1	3	NR	6
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		2	5	6	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		5	3	0	NR	NR	8
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		5	6	NR	NR	NR	11
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		3	10	NR	NR	NR	13
HIST UST	0.250		5	10	NR	NR	NR	15
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		3	10	NR	NR	NR	13
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0
FINDS	0.001	1	1	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		8	0	NR	NR	NR	8
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	2	2	NR	NR	NR	NR	4
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	2	2	NR	NR	5
LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	1	0	0	NR	1
EDR Hist Auto	0.250		3	11	NR	NR	NR	14
EDR Hist Cleaner	0.250		6	1	NR	NR	NR	7
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		3	51	70	10	3	0	137

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
AL-MADINAH SCHOOL
3510 EXPOSITION PL
LOS ANGELES, CA 90018

FINDS **1004444495**
N/A

Site 1 of 14 in cluster A

Actual: 112 ft.

FINDS:

Registry ID: 110011553194

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2
Target Property
DEPT OF PROBATION CRENSHAW AREA OFFICE
3606 W EXPOSITION BLVD
LOS ANGELES, CA 90016

HAZNET **S112955803**
N/A

Site 2 of 14 in cluster A

Actual: 112 ft.

HAZNET:

envid:	S112955803
Year:	2006
GEPAID:	CAC002607346
Contact:	RUDY TOVAR
Telephone:	3232673959
Mailing Name:	Not reported
Mailing Address:	1100 N EASTERN AVE
Mailing City,St,Zip:	LOS ANGELES, CA 90063
Gen County:	Not reported
TSD EPA ID:	NVT330010000
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S112955803
Year:	2006
GEPAID:	CAC002607346
Contact:	RUDY TOVAR
Telephone:	3232673959
Mailing Name:	Not reported
Mailing Address:	1100 N EASTERN AVE
Mailing City,St,Zip:	LOS ANGELES, CA 90063
Gen County:	Not reported
TSD EPA ID:	NVT330010000
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported

DEPT OF PROBATION CRENSHAW AREA OFFICE (Continued) **S112955803**

Tons: 2.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S112955803
Year: 2006
GEPAID: CAC002607346
Contact: RUDY TOVAR
Telephone: 3232673959
Mailing Name: Not reported
Mailing Address: 1100 N EASTERN AVE
Mailing City,St,Zip: LOS ANGELES, CA 90063
Gen County: Not reported
TSD EPA ID: AZR000005454
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: Not reported
Tons: 2.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

A3 **LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUT** **HAZNET** **S118198556**
Target **3510 EXPOSITION BLVD** **N/A**
Property **LOS ANGELES, CA 90018**

Site 3 of 14 in cluster A

Actual: **112 ft.**

HAZNET:
envid: S118198556
Year: 2014
GEPAID: CAC002756517
Contact: CHRIS JONES
Telephone: 7143298832
Mailing Name: Not reported
Mailing Address: 1 GATEWAY PLZ
Mailing City,St,Zip: LOS ANGELES, CA 900123745
Gen County: Los Angeles
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 46
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

B4 **CRENSHAW EXPO STATION** **UST** **U004263295**
3644 CRENSHAW BLVD **N/A**
< 1/8 **LOS ANGELES, CA 90016**
1 ft.

Site 1 of 15 in cluster B

Relative: Higher
Actual: 113 ft.

UST:

Facility ID:	Not reported
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.02175
Longitude:	-118.33466

B5 **CRENSHAW/LAX TRANSIT CORRIDOR PROJECT - CRENSHAW/E** **HAZNET** **S120027659**
3646 SOUTH CRENSHAW BOULEVARD **CIWQS** **N/A**
< 1/8 **LOS ANGELES, CA 90018** **WDR**
1 ft.

Site 2 of 15 in cluster B

Relative: Higher
Actual: 113 ft.

HAZNET:

envid:	S120027659
Year:	2017
GEPAID:	CAC002906986
Contact:	BRENDAN SAINZ
Telephone:	3234794737
Mailing Name:	Not reported
Mailing Address:	3646 S. CRENSHAW BLVD.
Mailing City,St,Zip:	LOS ANGELES, CA 90064
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1375
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

CIWQS:

Agency:	Los Angeles Cnty MTA
Agency Address:	One Gateway Plaza, Los Angeles, CA 90012
Place/Project Type:	Development Site, NEC
SIC/NAICS:	1622
Region:	4
Program:	NPDNONMUNIPRCS, WDRNONMUNIPRCS
Regulatory Measure Status:	Active
Regulatory Measure Type:	Enrollee - WDR
Order Number:	93-010
WDID:	4B196700048
NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	09/25/2015
Termination Date:	Not reported
Expiration/Review Date:	09/28/2025
Design Flow:	0.036
Major/Minor:	Minor
Complexity:	C
TTWQ:	3

CRENSHAW/LAX TRANSIT CORRIDOR PROJECT - CRENSHAW/EXPOSITION (Continued) **S120027659**

Enforcement Actions within 5 years: 0
Violations within 5 years: 7
Latitude: 34.02179
Longitude: -118.33507

WDR:
Global ID: WDR100026168
Status: ACTIVE - WDR

B6 **CRENSHAW/LAX TRANSIT CORRIDOR PROJECT - CRENSHAW/E** **FINDS** **1023299720**
3646 CRENSHAW **N/A**
< 1/8 **LOS ANGELES, CA 90018**
1 ft.

Site 3 of 15 in cluster B

Relative: Higher
Actual: 113 ft.

FINDS:

Registry ID: 110065917191

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B7 **CONROY'S** **HAZNET** **S113073149**
3646 CRENSHAW BLVD **N/A**
< 1/8 **LOS ANGELES, CA 90016**
1 ft.

Site 4 of 15 in cluster B

Relative: Higher
Actual: 113 ft.

HAZNET:

envid: S113073149
Year: 2016
GEPAID: CAC002879391
Contact: ARTURO GOMEZ
Telephone: 3234452423
Mailing Name: Not reported
Mailing Address: 9323 BELLANCA AVE
Mailing City,St,Zip: LOS ANGELES, CA 90045
Gen County: Los Angeles
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113073149
Year: 1997
GEPAID: CAL000128971
Contact: NIHAD WAARY & NADER WARY

CONROY'S (Continued) **S113073149**

Telephone:	2132996221
Mailing Name:	Not reported
Mailing Address:	3646 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164850
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0208
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113073149
Year:	1996
GEPAID:	CAL000128971
Contact:	NIHAD WAARY & NADER WARY
Telephone:	2132996221
Mailing Name:	Not reported
Mailing Address:	3646 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164850
Gen County:	Not reported
TSD EPA ID:	CAT000613976
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Transfer Station
Tons:	.0416
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

A8 **HAMAMURA JOHN** **EDR Hist Auto** **1020822001**
WSW **3640 VICTORIA AVE** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.002 mi.
9 ft. **Site 4 of 14 in cluster A**

Relative: EDR Hist Auto
Lower

Actual:
111 ft.

Year:	Name:	Type:
1985	HAMAMURA JOHN	Gasoline Service Stations
1986	HAMAMURA JOHN	Gasoline Service Stations
1987	HAMAMURA JOHN	Gasoline Service Stations
1988	HAMAMURA JOHN	Gasoline Service Stations
1989	HAMAMURA JOHN	Gasoline Service Stations
1990	HAMAMURA JOHN	Gasoline Service Stations
1991	HAMAMURA JOHN	Gasoline Service Stations
1992	HAMAMURA JOHN	Gasoline Service Stations
1993	HAMAMURA JOHN	Gasoline Service Stations

B9 **KAS TEX CORPORATION** **SWEEPS UST** **S101617206**
East **3411 EXPOSITION BLVD** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.009 mi.
47 ft. **Site 5 of 15 in cluster B**

Relative:
Higher

Actual:
113 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	2224
Number:	Not reported
Board Of Equalization:	44-012201
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002224-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	19054240
Regulated By:	UTNKI
Regulated ID:	00041258
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137351631
Mail To:	Not reported
Mailing Address:	3411 EXPOSITION BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

B10 **KAS TEX CORP** **HIST UST** **U001560782**
East **3411 EXPOSITION BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.009 mi.
47 ft. **Site 6 of 15 in cluster B**

Relative:
Higher

Actual:
113 ft.

HIST UST:

File Number:	000272C1
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000272C1.pdf
Region:	STATE
Facility ID:	00000041258
Facility Type:	Other
Other Type:	FABRIC WHOLESALER
Contact Name:	JOE GONZALES
Telephone:	2137351631
Owner Name:	KAS TEX CORP.

KAS TEX CORP (Continued) **U001560782**

Owner Address: 3411 EXPOSITION BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90274
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

B11 **MONTIQUE CORP** **RCRA-SQG 1000978196**
East **3411 EXPOSITION BLVD** **FINDS CA0000954073**
< 1/8 **LOS ANGELES, CA 90018** **ECHO**
0.009 mi. **HAZNET**
47 ft. **Site 7 of 15 in cluster B**

Relative: Higher
Actual: 113 ft.

RCRA-SQG:
Date form received by agency: 12/01/1994
Facility name: MONTIQUE CORP
Facility address: 3411 EXPOSITION BLVD
LOS ANGELES, CA 90018
EPA ID: CA0000954073
Mailing address: EXPOSITION BLVD
LOS ANGELES, CA 90018
Contact: JUANITA ROBERTSON
Contact address: 3411 EXPOSITION BLVD
LOS ANGELES, CA 90018
Contact country: US
Contact telephone: 213-298-3123
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MONTIQUE CORP
Owner/operator address: 3411 EXPOSITION BLVD
LOS ANGELES, CA 90018
Owner/operator country: Not reported
Owner/operator telephone: 213-298-3123
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

MONTIQUE CORP (Continued) **1000978196**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002621672

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1000978196
- Registry ID: 110002621672
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002621672

HAZNET:
- envid: 1000978196
- Year: 1999
- GEPAID: CA0000954073
- Contact: MONTIQUE CORP
- Telephone: 0000000000
- Mailing Name: Not reported
- Mailing Address: 3411 EXPOSITION BLVD
- Mailing City,St,Zip: LOS ANGELES, CA 900180000
- Gen County: Not reported
- TSD EPA ID: CAT000613893
- TSD County: Not reported
- Waste Category: Aqueous solution with total organic residues less than 10 percent
- Disposal Method: Transfer Station
- Tons: .0875
- Cat Decode: Not reported

MONTIQUE CORP (Continued) **1000978196**

Method Decode: Not reported
Facility County: Los Angeles

envid: 1000978196
Year: 1998
GEPAID: CA0000954073
Contact: MONTIQUE CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3411 EXPOSITION BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900180000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .0166
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000978196
Year: 1998
GEPAID: CA0000954073
Contact: MONTIQUE CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3411 EXPOSITION BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900180000
Gen County: Not reported
TSD EPA ID: CAD093459485
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Transfer Station
Tons: .0208
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

12
East
< 1/8
0.010 mi.
52 ft.

LA VENTILATOR STATION 9
3301 EXPOSITION BLVD
LOS ANGELES, CA 90018

RCRA-SQG **1000430263**
FINDS **CAD981986706**
ECHO

Relative:
Higher

Actual:
114 ft.

RCRA-SQG:
Date form received by agency: 03/24/1987
Facility name: LA VENTILATOR STATION 9
Facility address: 3301 EXPOSITION BLVD
LOS ANGELES, CA 90018
EPA ID: CAD981986706
Mailing address: 200 N MAIN RM EIGHTH HUNDREDCH
LOS ANGELES, CA 90012
Contact: ENVIRONMENTAL MANAGER
Contact address: 3301 EXPOSITION BLVD
LOS ANGELES, CA 90018
Contact country: US
Contact telephone: 213-485-7527

LA VENTILATOR STATION 9 (Continued) **1000430263**

Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CITY OF LOS ANGELES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

LA VENTILATOR STATION 9 (Continued) **1000430263**

Registry ID: 110002765981

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000430263
Registry ID: 110002765981
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002765981

A13 **JOON PARK HONG** **HIST UST** **U001560781**
SE **3645 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.013 mi.
69 ft. **Site 5 of 14 in cluster A**

Relative:
Higher

Actual:
112 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000007760
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SAME
Telephone: 2132922014
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 002
Container Num: 2
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

JOON PARK HONG (Continued) **U001560781**

Tank Num:	003
Container Num:	3
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Groundwater Monitoring Well, 10

A14 **HONG'S SHELL** **HIST UST** **U001560665**
SE **3645 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.013 mi.
69 ft. **Site 6 of 14 in cluster A**

Relative:
Higher

Actual:
112 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000050948
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JOON P. HONG
Telephone:	2132922064
Owner Name:	HONG'S SHELL
Owner Address:	3645 S. CRENSHAW BLVD.
Owner City,St,Zip:	LOS ANGELES, CA 90016
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

A15
SE
< 1/8
0.013 mi.
69 ft.

RODEO SHELL — **UST** — **U003781457**
3645 CRENSHAW BLVD — **N/A**
LOS ANGELES, CA 90016

Site 7 of 14 in cluster A

Relative:
Higher

Actual:
112 ft.

UST:

Facility ID:	25167
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.023117
Longitude:	-118.334163

A16
SE
< 1/8
0.013 mi.
69 ft.

SHELL SERVICE STATION — **LUST** — **S107138453**
3645 CRENSHAW BLVD. S. — **N/A**
LOS ANGELES, CA 90016

Site 8 of 14 in cluster A

Relative:
Higher

Actual:
112 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603764817
Global Id:	T0603764817
Latitude:	34.021702
Longitude:	-118.335502
Status:	Completed - Case Closed
Status Date:	01/04/2013
Case Worker:	DPP
RB Case Number:	900160361
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

LUST:

Global Id:	T0603764817
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Global Id:	T0603764817
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

LUST:

Global Id:	T0603764817
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Monitoring Report - Semi-Annually

SHELL SERVICE STATION (Continued) **S107138453**

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2006
Action: Other Report / Document

Global Id: T0603764817
Action Type: RESPONSE
Date: 08/18/2008
Action: Soil and Water Investigation Report

Global Id: T0603764817
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: ENFORCEMENT
Date: 01/04/2013
Action: Closure/No Further Action Letter

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2013
Action: Well Destruction Report

Global Id: T0603764817
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 08/06/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: ENFORCEMENT
Date: 05/24/2006
Action: Staff Letter

Global Id: T0603764817
Action Type: RESPONSE

SHELL SERVICE STATION (Continued) **S107138453**

Date: 10/09/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: Other
Date: 02/28/2005
Action: Leak Reported

Global Id: T0603764817
Action Type: RESPONSE
Date: 09/27/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/28/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: REMEDIATION
Date: 02/28/1005
Action: Not reported

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

SHELL SERVICE STATION (Continued) **S107138453**

Global Id: T0603764817
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 02/01/2012
Action: Request for Closure

Global Id: T0603764817
Action Type: ENFORCEMENT
Date: 10/29/2012
Action: Notification - Preclosure

Global Id: T0603764817
Action Type: RESPONSE
Date: 12/06/2010
Action: Site Assessment Report

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: Other
Date: 02/02/1005
Action: Leak Discovery

Global Id: T0603764817
Action Type: RESPONSE
Date: 05/20/2009
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0603764817
Status: Completed - Case Closed
Status Date: 01/04/2013

Global Id: T0603764817
Status: Open - Case Begin Date

SHELL SERVICE STATION (Continued) **S107138453**

Status Date: 02/28/2005

Global Id: T0603764817
Status: Open - Eligible for Closure
Status Date: 12/18/2012

Global Id: T0603764817
Status: Open - Site Assessment
Status Date: 09/27/2006

Global Id: T0603764817
Status: Open - Site Assessment
Status Date: 08/06/2007

Global Id: T0603764817
Status: Open - Site Assessment
Status Date: 10/09/2007

Global Id: T0603764817
Status: Open - Site Assessment
Status Date: 01/06/2009

A17 **CRENSHAW SHELL MINI MARKET** **SWEEPS UST** **S101617189**
SE **3645 CRENSHAW BLVD** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.013 mi.
69 ft. **Site 9 of 14 in cluster A**

Relative: **Higher**
Actual: **112 ft.**

SWEEPS UST:
Status: Active
Comp Number: 2862
Number: 1
Board Of Equalization: 44-012596
Referral Date: 02-25-93
Action Date: 11-04-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002862-000001
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 2862
Number: 1
Board Of Equalization: 44-012596
Referral Date: 02-25-93
Action Date: 11-04-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002862-000002
Tank Status: A
Capacity: 10000

CRENSHAW SHELL MINI MARKET (Continued) **S101617189**

Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19009982
Regulated By: UTNKA
Regulated ID: 00050948
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132989271
Mail To: Not reported
Mailing Address: 3645 CRENSHAW BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A18 **1X SHELL OIL CO #204-4539-7308** **HIST UST** **S112838826**
SE **3645 SO CRENSHAW BLVD** **HAZNET** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.013 mi.
69 ft. **Site 10 of 14 in cluster A**

Relative:
Higher

Actual:
112 ft.

HIST UST:
File Number: 00026E66
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026E66.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

1X SHELL OIL CO #204-4539-7308 (Continued) **S112838826**

HAZNET:

envid:	S112838826
Year:	1998
GEPAID:	CAC000664792
Contact:	SHELL OIL CO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing City,St,Zip:	ANAHEIM, CA 928030000
Gen County:	Not reported
TSD EPA ID:	CAD982484933
TSD County:	Not reported
Waste Category:	Empty containers less than 30 gallons
Disposal Method:	Disposal, Other
Tons:	.1250
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

A19 **ASK CONCORD ENTERPRISES INC** **EDR Hist Auto** **1008996268**
SE **3645 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.013 mi.
69 ft. **Site 11 of 14 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
112 ft.

Year:	Name:	Type:
1980	HONGS SHELL SERVICE	Gasoline Service Stations
1982	HONGS SHELL SERVICE	Gasoline Service Stations
1983	HONGS SHELL SERVICE	Gasoline Service Stations
1985	HONGS SHELL SERVICE	Gasoline Service Stations
1986	HONGS SHELL SERVICE	Gasoline Service Stations
1987	HONGS SHELL SERVICE	Gasoline Service Stations
1988	HONGS SHELL SERVICE	Gasoline Service Stations
1989	HONGS SHELL SERVICE	Gasoline Service Stations
1991	S & K SHELL MINI MART CAR WASH	Gasoline Service Stations
1992	S & K SHELL MINI MART CAR WASH	Gasoline Service Stations
1993	S & K SHELL MINI MART CAR WASH	Gasoline Service Stations
1994	S & K SHELL	Not reported
1994	CRENSHAW SHELL & MINI-MART	Gasoline Service Stations
1995	CRENSHAW SHELL & MINI-MART	Gasoline Service Stations
1996	ASK CONCORD ENTERPRISES INC	Convenience Stores
1997	ASK CONCORD ENTERPRISES INC	Convenience Stores
1998	ASK CONCORD ENTERPRISES INC	Convenience Stores
1999	ASK CONCORD ENTERPRISES INC	Convenience Stores
2000	ASK CONCORD ENTERPRISES INC	Convenience Stores
2001	ASK CONCORD ENTERPRISES INC	Convenience Stores
2002	ASK CONCORD ENTERPRISES INC	Convenience Stores
2003	ASK CONCORD ENTERPRISES INC	Convenience Stores
2004	ASK CONCORD ENTERPRISES INC	Convenience Stores
2005	ASK CONCORD ENTERPRISES INC	Convenience Stores
2006	A S K CONCORD ENTERPRISES INC	Convenience Stores
2007	A S K CONCORD ENTERPRISES INC	Convenience Stores
2008	A S K CONCORD ENTERPRISES INC	Convenience Stores
2009	A S K CONCORD ENTERPRISES INC	Convenience Stores
2010	A S K CONCORD ENTERPRISES INC	Convenience Stores

ASK CONCORD ENTERPRISES INC (Continued) **1008996268**

2011	A S K CONCORD ENTERPRISES INC	Convenience Stores
2012	A S K CONCORD ENTERPRISES INC	Convenience Stores
2013	A S K CONCORD ENTERPRISES INC	Convenience Stores
2014	A S K CONCORD ENTERPRISES INC	Convenience Stores

A20 **CRENSHAW SHELL & MINI MART** **UST** **U004263296**
SE **3645 S CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.013 mi.
69 ft. **Site 12 of 14 in cluster A**

Relative: **Higher**
Actual: **112 ft.**

UST:

Facility ID:	Not reported
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.02177
Longitude:	-118.33551

A21 **CRENSHAW SHELL** **RCRA-SQG** **1005441140**
SE **3645 S CRENSHAW** **HIST UST** **CAR000115915**
< 1/8 **LOS ANGELES, CA 90016** **FINDS**
0.013 mi. **ECHO**
69 ft. **Site 13 of 14 in cluster A** **HAZNET**

Relative: **Higher**
Actual: **112 ft.**

RCRA-SQG:

Date form received by agency:	05/08/2002
Facility name:	SHELL SERVICE STATION
Facility address:	3645 S CRENSHAW S A P 135543 LOS ANGELES, CA 90016
EPA ID:	CAR000115915
Mailing address:	P O BOX 2648 HOUSTON, TX 77252-2648
Contact:	SONDRA BIENVENU
Contact address:	P O BOX 2648 HOUSTON, TX 77252-2648
Contact country:	US
Contact telephone:	713-241-5036
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	EQUILON ENT LLC DBA S O P US
Owner/operator address:	P O BOX 2648 HOUSTON, TX 77252
Owner/operator country:	Not reported
Owner/operator telephone:	713-241-5036
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

CRENSHAW SHELL (Continued) **1005441140**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

HIST UST:
File Number: 000284B1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000284B1.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

CRENSHAW SHELL (Continued) **1005441140**

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110059780456

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110012546478

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005441140
Registry ID:	110012546478
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012546478

HAZNET:

envid:	1005441140
Year:	2008
GEPAID:	CAR000115915
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03

CRENSHAW SHELL (Continued) **1005441140**

Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.175
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles
envid:	1005441140
Year:	2008
GEPAID:	CAR000115915
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles
envid:	1005441140
Year:	2006
GEPAID:	CAR000115915
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Not reported
TSD EPA ID:	WAD991281767
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Treatment, Incineration
Tons:	0.12
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles
envid:	1005441140
Year:	2005
GEPAID:	CAR000115915
Contact:	N CORTEZ/ENVT'L DATA ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR MFT 240-G
Mailing City,St,Zip:	Houston, TX 770672508

CRENSHAW SHELL (Continued) **1005441140**

Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1005441140
Year: 2004
GEPAID: CAR000115915
Contact: N CORTEZ/ENVT'L DATA ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR MFT 240-G
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.01
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

B22 **CAMEO CLEANERS** **EDR Hist Cleaner** **1009126487**
SE **3650 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90000**
0.023 mi.
120 ft. **Site 8 of 15 in cluster B**

Relative: EDR Hist Cleaner
Higher

Actual: **112 ft.**

Year:	Name:	Type:
1971	C & R ENTERPRISES*	Drycleaning Plants, Except Rugs
1972	C & R ENTERPRISES*	Drycleaning Plants, Except Rugs
1973	C & R ENTERPRISES*	Drycleaning Plants, Except Rugs
1974	C & R ENTERPRISES*	Drycleaning Plants, Except Rugs
1975	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1976	C & R ENTERPRISES*	Drycleaning Plants, Except Rugs
1976	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1977	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1978	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1979	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1980	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1982	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1983	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1985	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1986	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1986	COMET CLEANERS	Drycleaning Plants, Except Rugs
1987	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1987	COMET CLEANERS	Drycleaning Plants, Except Rugs

CAMEO CLEANERS (Continued) **1009126487**

1988	COMET CLEANERS	Drycleaning Plants, Except Rugs
1988	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1989	C & R ENTERPRISES INC	Drycleaning Plants, Except Rugs
1989	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1990	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1991	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1992	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1993	CAMEO CLEANERSM INC	Drycleaning Plants, Except Rugs
1994	CAMEO CLEANERS	Not reported
1994	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1995	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1996	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1997	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1998	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
1999	CAMEO CLEANERS INC	Drycleaning Plants, Except Rugs
2000	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2001	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2002	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2003	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2004	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2005	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2006	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2007	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2008	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2009	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2010	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2011	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2012	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2013	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs
2014	D Y N MAVERICK INC	Drycleaning Plants, Except Rugs

B23 **ROCKET CLEANERS & LAUNDRY** **DRYCLEANERS** **S121696601**
SE **3650 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90008**
0.023 mi.
120 ft. **Site 9 of 15 in cluster B**

Relative:
Higher

Actual:
112 ft.

DRYCLEAN SOUTH COAST:

Facility ID:	17090
Application Number:	119087
Permit Number:	M37479
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

Facility ID:	17090
Application Number:	131213
Permit Number:	M44434
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported

ROCKET CLEANERS & LAUNDRY (Continued) **S121696601**

Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

Facility ID:	17090
Application Number:	C28291
Permit Number:	M12278
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

Facility ID:	17090
Application Number:	C39189
Permit Number:	Not reported
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	Not reported
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

B24 **CAMEO CLEANERS** **CPS-SLIC** **S102811331**
SE **3650 CRENSHAW BLVD** **DRYCLEANERS** **N/A**
< 1/8 **LOS ANGELES, CA 90016** **ENF**
0.023 mi. **HAZNET**
120 ft. **Site 10 of 15 in cluster B** **CIWQS**
WDR

Relative: Higher

Actual: 112 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	03/01/2010
Global Id:	SL2045H1621
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.0208218709129
Longitude:	-118.334185046627
Case Type:	Cleanup Program Site
Case Worker:	BA
Local Agency:	Not reported
RB Case Number:	0545
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor

CAMEO CLEANERS (Continued) **S102811331**

Potential Contaminants of Concern: Not reported
Site History: The site was a strip mall and the buildings in which Cameo Cleaners and A & J Laundry operated were constructed between 1952 and 1954. Dry cleaning operations were conducted at the Site from approximately 1954 to 2012. Besides the dry cleaning operation, A & J Laundry conducted a stone-washing and other industrial laundry operations till 2012. Site buildings and structures were demolished in 2013 for the planned redevelopment of the the site. A number of site investigations have been conducted at the site since 1997 and have indicated that the soil, soil vapor and groundwater beneath the site are contaminated with perchloroethylene (PCE), trichloroethene (TCE) and other volatile organic compounds (VOCs) as a result of release of chemicals used in the dry cleaning operations. A Dual Phase Extraction (DPE) system consisting of a water sealed liquid-ring vacuum pump and two vapor-phase granular activated carbon vessels operated from March to September 2004. However, the DPE system had limited success in reducing VOCs in the soil, soil gas, and groundwater at the Site. In August 2009, the site owner submitted an Interim Remedial Action Plan (IRAP) to clean up the soil with a soil vapor extraction (SVE) system. The IRAP identified the shortcomings of the previously attempted DPE sytem and presented appropriate technical approaches. The Regional Board approved the IRAP in January 2010. The SVE system operated from March 2010 to February 2011 during which it removed approximately 152 pounds of PCE mass. In February 2011, the SVE system operation was suspended pending the implementation of a planned groundwater treatment program. From May 8 to 11, 2012, approximately 8,182 gallons of 3% potassium permanganate (KMnO4) was injected into three injection wells located in the source area (the alleyway between the drycleaners and Ralphs). While PCE concentrations decreased between 30% and 90% in wells MW-2, MW-6 and MW-7 in May and June, 2012, concentrations rebounded to 8,600 ug/l (MW-2), 5,000 ug/l (MW-6) and 1,000 ug/l (MW-7) by August 2013 and February 2014. From September 19 to November 20, 2014, remedial excavation activities were conducted to remove VOC-impacted soil from the dry cleaner building area. During this time, approximately 11,100 cubic yards (cy) of soil were removed from the excavated area to a total depth of 22 feet bgs. No VOCs were detected in any of the confirmation soil samples collected along the east, south and west walls, and along the excavation floor. Chemical and physical results of confirmation samples collected from the north wall, however, indicated the presence of residual VOC concentrations. PCE ranged from 4.8 to 330 ug/kg; and TCE from 7 to 15 ug/kg in this area, at approximately 18 feet bgs. Post-remediation assessment of soil and groundwater monitoring are being conducted at the site.

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: Remediation
SLIC: 0545
Substance: VOCs
Staff: AH

DRYCLEANERS:
EPA Id: CAR000129908

CAMEO CLEANERS (Continued) **S102811331**

NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/19/2004
Facility Active:	No
Inactive Date:	06/30/2015
Facility Addr2:	Not reported
Owner Name:	CAMEO CLEANERS
Owner Address:	3650 CRENSHAW BLVD
Owner Address 2:	Not reported
Owner Telephone:	3102470900
Contact Name:	JACK KURCHIAN
Contact Address:	9034 W SUNSET BLVD
Contact Address 2:	Not reported
Contact Telephone:	3102471525
Mailing Name:	Not reported
Mailing Address 1:	9034 W SUNSET BLVD
Mailing Address 2:	Not reported
Mailing City:	WEST HOLLYWOOD
Mailing State:	CA
Mailing Zip:	90069
Owner Fax:	Not reported
Region Code:	1

ENF:

Region:	4
Facility Id:	212878
Agency Name:	Crenshaw Park
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.021389
Place Longitude:	-118.334722
SIC Code 1:	7216
SIC Desc 1:	Drycleaning Plants, Except Rug Cleaning
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

CAMEO CLEANERS (Continued) **S102811331**

Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4SLIC545
Reg Measure Id:	167583
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	240603
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	12/19/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/19/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC545
Description:	Notice of Violation sent 12/19/01 for overdue pilot test workplan.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CAMEO CLEANERS (Continued) **S102811331**

Region:	4
Facility Id:	212878
Agency Name:	Crenshaw Park
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.021389
Place Longitude:	-118.334722
SIC Code 1:	7216
SIC Desc 1:	Drycleaning Plants, Except Rug Cleaning
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4SLIC545
Reg Measure Id:	167583
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

CAMEO CLEANERS (Continued) **S102811331**

WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230070
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/21/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	2000-06-21
Termination Date:	04/21/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC545
Description:	Level 1 enforcement letter sent 4/21/00 for FTS RAP.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	4
Facility Id:	212878
Agency Name:	Crenshaw Park
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.021389
Place Longitude:	-118.334722
SIC Code 1:	7216
SIC Desc 1:	Drycleaning Plants, Except Rug Cleaning
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	A

CAMEO CLEANERS (Continued) **S102811331**

Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRNONMUNIPRCS
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	4B198600184
Reg Measure Id:	371581
Reg Measure Type:	Enrollee - WDR
Region:	4
Order #:	R4-2007-0019
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	9806
Status:	Active
Status Date:	03/02/2016
Effective Date:	04/04/2012
Expiration/Review Date:	12/31/2012
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	395762
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	04/18/2014
Adoption/Issuance Date:	04/18/2014
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 04/18/2014 for Crenshaw Park
Description:	NOV issued on 04/18/14 for Failure to Submit Monitoring Reports
Program:	WDRNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

CAMEO CLEANERS (Continued) **S102811331**

Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

HAZNET:

envid: S102811331
Year: 2013
GEPAID: CAR000129908
Contact: Jack Kurchian
Telephone: 3102471525
Mailing Name: Not reported
Mailing Address: 9034 W SUNSET BLVD
Mailing City,St,Zip: WEST HOLLYWOOD, CA 90069
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S102811331
Year: 2013
GEPAID: CAR000129908
Contact: Jack Kurchian
Telephone: 3102471525
Mailing Name: Not reported
Mailing Address: 9034 W SUNSET BLVD
Mailing City,St,Zip: WEST HOLLYWOOD, CA 90069
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.132
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S102811331
Year: 2013
GEPAID: CAR000129908
Contact: Jack Kurchian
Telephone: 3102471525
Mailing Name: Not reported
Mailing Address: 9034 W SUNSET BLVD
Mailing City,St,Zip: WEST HOLLYWOOD, CA 90069
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.132
Cat Decode:

CAMEO CLEANERS (Continued) **S102811331**

Method Decode: Not reported
Facility County: Not reported

envid: S102811331
Year: 2013
GEPAID: CAR000129908
Contact: Jack Kurchian
Telephone: 3102471525
Mailing Name: Not reported
Mailing Address: 9034 W SUNSET BLVD
Mailing City,St,Zip: WEST HOLLYWOOD, CA 90069
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S102811331
Year: 2006
GEPAID: CAR000129908
Contact: FRED NIK
Telephone: 3232940212
Mailing Name: Not reported
Mailing Address: 3650 Crenshaw Blvd
Mailing City,St,Zip: LOS ANGELES, CA 900160000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Organic liquids (nonsolvents) with halogens
Disposal Method: Treatment, Tank
Tons: 0.54
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

CIWQS:
Agency: Crenshaw Park
Agency Address: 9601 Wilshire Boulevard 710, Los Angeles, CA 90201
Place/Project Type: Service/Commercial Site, NEC
SIC/NAICS: 7216
Region: 4
Program: WDRNONMUNIPRCS
Regulatory Measure Status: Active
Regulatory Measure Type: Enrollee - WDR
Order Number: R4-2007-0019
WDID: 4B198600184
NPDES Number: Not reported
Adoption Date: Not reported
Effective Date: 04/04/2012

CAMEO CLEANERS (Continued) **S102811331**

Termination Date:	Not reported
Expiration/Review Date:	12/31/2012
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	1
Violations within 5 years:	4
Latitude:	34.021389
Longitude:	-118.334722

WDR:

Global ID:	WDR100001320
Status:	ACTIVE - WDR

B25 **CAMEO CLEANERS INC** **FINDS** **1006824441**
SE **3650 CRENSHAW BLVD** **ECHO** **N/A**
< 1/8 **LOS ANGELES, CA 90016** **DRYCLEANERS**
0.023 mi. **EMI**
120 ft. **Site 11 of 15 in cluster B**

Relative: Higher

Actual: 112 ft.

FINDS:

Registry ID: 110013830328

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1006824441
Registry ID:	110013830328
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013830328

DRYCLEAN SOUTH COAST:

Facility ID:	52565
Application Number:	144785
Permit Number:	M53553
Status:	S
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE

CAMEO CLEANERS INC (Continued) **1006824441**

CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 377.17999268
UTM North: 3764.9699707

Facility ID: 121353
Application Number: 366032
Permit Number: F37529
Status: A
Representative Name: FRED NIK
Representative Telephone: 323 2940212
Permit Status: INACTIVE
BCAT Number: 000601
BCAT Description: DRY CLEANING, DRY-TO-DRY NON-VENT, PERC
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 376.72399902
UTM North: 3765.1188965

Facility ID: 121353
Application Number: 400275
Permit Number: F51538
Status: A
Representative Name: FRED NIK
Representative Telephone: 323 2940212
Permit Status: INACTIVE
BCAT Number: 000603
BCAT Description: DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 376.72399902
UTM North: 3765.1188965

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 52565
Air District Name: SC
SIC Code: 7216
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 52565
Air District Name: SC
SIC Code: 7216

CAMEO CLEANERS INC (Continued) **1006824441**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	52565
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	52565
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	52565
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

CAMEO CLEANERS INC (Continued) **1006824441**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 52565
Air District Name: SC
SIC Code: 7216
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 52565
Air District Name: SC
SIC Code: 7216
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 121353
Air District Name: SC
SIC Code: 7216
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2003

CAMEO CLEANERS INC (Continued) **1006824441**

County Code:	19
Air Basin:	SC
Facility ID:	121353
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	121353
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.0102
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.066
NOX - Oxides of Nitrogen Tons/Yr:	0.0786
SOX - Oxides of Sulphur Tons/Yr:	0.000472
Particulate Matter Tons/Yr:	0.00598
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01

B26 **CAMEO CLEANERS** **RCRA-SQG** **1015752946**
SE **3650 CRENSHAW BLVD** **CAR000129908**
< 1/8 **LOS ANGELES, CA 90016**
0.023 mi.
120 ft. **Site 12 of 15 in cluster B**

Relative: **Higher**

Actual: **112 ft.**

RCRA-SQG:

Date form received by agency:	01/14/2013
Facility name:	CAMEO CLEANERS
Facility address:	3650 CRENSHAW BLVD LOS ANGELES, CA 90016
EPA ID:	CAR000129908
Mailing address:	9034 W SUNSET BLVD WEST HOLLYWOOD, CA 90069
Contact:	JACK KURCHIAN
Contact address:	9034 W SUNSET BLVD WEST HOLLYWOOD, CA 90069
Contact country:	US
Contact telephone:	310-247-0900
Contact email:	JACK@CHARLES-COMPANY.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

CAMEO CLEANERS (Continued) **1015752946**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	DISTRICT SQUARE LLC
Owner/operator address:	9034 W SUNSET BLVD
	WEST HOLLYWOOD, CA 90069
Owner/operator country:	US
Owner/operator telephone:	310-247-0900
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/08/2011
Owner/Op end date:	Not reported

Owner/operator name:	DISTRICT SQUARE LLC PREV CAMEO CLEANERS
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/08/2011
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D039
. Waste name:	TETRACHLOROETHYLENE

. Waste code:	F002
. Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

CAMEO CLEANERS (Continued) **1015752946**

BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO-

Violation Status: No violations found

B27 **CAMEO CLEANERS** **DRYCLEANERS** **S108200686**
SE **3650 S CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.023 mi.
120 ft. **Site 13 of 15 in cluster B**

Relative: **Higher**
Actual: **112 ft.**

DRYCLEANERS:

EPA Id:	CAL000030827
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	05/16/1990
Facility Active:	No
Inactive Date:	06/30/2007
Facility Addr2:	Not reported
Owner Name:	FRED DAVID NICK
Owner Address:	3650 CRENSHAW BLVD
Owner Address 2:	Not reported
Owner Telephone:	3232940212
Contact Name:	FRED DAVID NICK
Contact Address:	3650 CRENSHAW BLVD
Contact Address 2:	Not reported
Contact Telephone:	3232940212
Mailing Name:	Not reported
Mailing Address 1:	3650 CRENSHAW BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900164851
Owner Fax:	Not reported
Region Code:	3

A28 **SMITH MAINTENANCE COMMUNICATION** **RCRA-SQG** **1000905193**
NNE **3611 EXPOSITION BLVD** **FINDS** **CA0000368886**
< 1/8 **LOS ANGELES, CA 90016** **ECHO**
0.023 mi.
123 ft. **Site 14 of 14 in cluster A**

Relative: **Higher**
Actual: **112 ft.**

RCRA-SQG:

Date form received by agency:	06/06/1994
Facility name:	SMITH MAINTENANCE COMMUNICATION
Facility address:	3611 EXPOSITION BLVD LOS ANGELES, CA 90016
EPA ID:	CA0000368886
Mailing address:	EXPOSITION BLVD LOS ANGELES, CA 90016

SMITH MAINTENANCE COMMUNICATION (Continued) **1000905193**

Contact: RALPH SMITH
Contact address: 3611 EXPOSITION BLVD
LOS ANGELES, CA 90016
Contact country: US
Contact telephone: 213-298-3123
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: RALPH W SMITH JR
Owner/operator address: 4550 MT VERNON DR
LOS ANGELES, CA 90043
Owner/operator country: Not reported
Owner/operator telephone: 213-293-1516
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002617703

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

SMITH MAINTENANCE COMMUNICATION (Continued) **1000905193**

corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000905193
Registry ID:	110002617703
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002617703

B29 **COMET CLEANERS, INC.** **DRYCLEANERS** **S121696552**
SSE **3651 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.029 mi.
155 ft. **Site 14 of 15 in cluster B**

Relative: **Higher**
Actual: **112 ft.**

DRYCLEAN SOUTH COAST:

Facility ID:	167787
Application Number:	522778
Permit Number:	G13692
Status:	A
Representative Name:	SHARON NIK
Representative Telephone:	323 2940212
Permit Status:	ACTIVE
BCAT Number:	000233
BCAT Description:	DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	376.73001099
UTM North:	3765.1398926

B30 **COMET CLEANERS** **DRYCLEANERS** **S113887266**
SSE **3651 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.029 mi.
155 ft. **Site 15 of 15 in cluster B**

Relative: **Higher**
Actual: **112 ft.**

DRYCLEANERS:

EPA Id:	CAL000384644
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	04/17/2013
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	FRED NIK
Owner Address:	7900 LA TIJERA BLVD
Owner Address 2:	Not reported
Owner Telephone:	3108015363
Contact Name:	FRED NIK
Contact Address:	7900 LA TIJERA BLVD
Contact Address 2:	Not reported
Contact Telephone:	3108015363

COMET CLEANERS (Continued) **S113887266**

Mailing Name:	Not reported
Mailing Address 1:	3651 CRENSHAW BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	900160000
Owner Fax:	0000000000
Region Code:	3

C31 **BLUE BIRD LAUNDRY CORP LTD** **EDR Hist Cleaner** **1009191411**
SSE **3662 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.044 mi.
233 ft. **Site 1 of 5 in cluster C**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
113 ft. 1937 BLUE BIRD LAUNDRY CORP LTD LAUNDRIES STEAM

D32 **SYSTEM 3 CLEANERS** **RCRA-SQG** **1000474510**
NNE **3631 CRENSHAW BLVD #101** **FINDS** **CAD982000150**
< 1/8 **LOS ANGELES, CA 90016** **ECHO**
0.046 mi.
243 ft. **Site 1 of 6 in cluster D**

Relative: RCRA-SQG:
Higher

Actual:
112 ft.

Date form received by agency:	02/01/1991
Facility name:	SYSTEM 3 CLEANERS
Facility address:	3631 CRENSHAW BLVD #101 LOS ANGELES, CA 90016
EPA ID:	CAD982000150
Mailing address:	CRENSHAW BLVD #101 LOS ANGELES, CA 90016
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3631 CRENSHAW BLVD #101 LOS ANGELES, CA 90016
Contact country:	US
Contact telephone:	213-375-8809
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BAHARUN ABURAHMAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

SYSTEM 3 CLEANERS (Continued) **1000474510**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002772278

Environmental Interest/Information System
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000474510
Registry ID: 110002772278

SYSTEM 3 CLEANERS (Continued) **1000474510**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002772278

D33 **SYSTEM CLEANERS,BAHARUN & KAMALADIN ETC** **DRYCLEANERS** **S121699524**
NNE **3631 CRENSHAW BLVD STE 101** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.046 mi.
243 ft. **Site 2 of 6 in cluster D**

Relative: DRYCLEAN SOUTH COAST:
Higher
Actual: Facility ID: 78116
112 ft. Application Number: 225896
Permit Number: D25843
Status: A
Representative Name: ABDURAHMAN BAHARUN
Representative Telephone: 213 7358809
Permit Status: INACT_NR
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 376.79998779
UTM North: 3765.3000488

D34 **CALIFORNIA FINE CLEANERS** **DRYCLEANERS** **S113011838**
NNE **3631 CRENSHAW BLVD** **HAZNET** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.046 mi.
243 ft. **Site 3 of 6 in cluster D**

Relative: DRYCLEAN SOUTH COAST:
Higher
Actual: Facility ID: 54233
112 ft. Application Number: 147556
Permit Number: Not reported
Status: A
Representative Name: LOU FRANZINI
Representative Telephone: 818 7828166
Permit Status: Not reported
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 376.79998779
UTM North: 3765.3000488

Facility ID: 54233
Application Number: 160906
Permit Number: M59556
Status: A
Representative Name: LOU FRANZINI
Representative Telephone: 818 7828166
Permit Status: INACT_NR
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 376.79998779

CALIFORNIA FINE CLEANERS (Continued) **S113011838**

UTM North: 3765.3000488

HAZNET:

envid:	S113011838
Year:	1995
GEPAID:	CAD982000150
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3631 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900180000
Gen County:	Not reported
TSD EPA ID:	CAD981397417
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Recycler
Tons:	.2710
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

D35 **CALIFORNIA FINE CLEANERS** **EDR Hist Cleaner** **1019947235**
NNE **3631 CRENSHAW BLVD #101** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.046 mi.
243 ft. **Site 4 of 6 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: **112 ft.**

Year:	Name:	Type:
1986	CALIFORNIA FINE CLEANERS	Drycleaning Plants, Except Rugs
1987	CALIFORNIA FINE CLEANERS	Drycleaning Plants, Except Rugs
1988	CALIFORNIA FINE CLEANERS	Drycleaning Plants, Except Rugs
1992	SYSTEMS CLEANERS	Drycleaning Plants, Except Rugs, NEC
1993	CALHARR INC	Drycleaning Plants, Except Rugs, NEC
1994	CALHARR INC	Drycleaning Plants, Except Rugs, NEC

D36 **SYSTEM CLEANERS** **CPS-SLIC** **S104404779**
NNE **3631 CRENSHAW** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.046 mi.
243 ft. **Site 5 of 6 in cluster D**

Relative: CPS-SLIC:
Higher

Actual: **112 ft.**

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	01/29/2015
Global Id:	SLT4L5341833
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.021431
Longitude:	-118.334177
Case Type:	Cleanup Program Site
Case Worker:	AS
Local Agency:	Not reported

SYSTEM CLEANERS (Continued) **S104404779**

RB Case Number: 0534
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: Inactive
SLIC: 0534
Substance: VOCs
Staff: Not reported

C37 **BLUE BIRD LAUNDRY** **EDR Hist Cleaner** **1009188298**
SSE **3622 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.051 mi.
269 ft. **Site 2 of 5 in cluster C**

Relative:
Higher

Actual:
112 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1933	BLUE BIRD LAUNDRY	LAUNDRIES STEAM

C38 **20TH CENTURY PLASTICS** **RCRA-SQG** **1000237815**
SSE **3628 CRENSHAW BLVD** **LUST** **CAD028616050**
< 1/8 **LOS ANGELES, CA 90016** **CPS-SLIC**
0.051 mi. **FINDS**
269 ft. **Site 3 of 5 in cluster C** **ECHO**
HIST CORTESE

Relative:
Higher

Actual:
112 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: 20TH CENTURY PLASTICS
Facility address: 3628 CRENSHAW BLVD
LOS ANGELES, CA 90016
EPA ID: CAD028616050
Mailing address: CRENSHAW BLVD
LOS ANGELES, CA 90016
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

20TH CENTURY PLASTICS (Continued) **1000237815**

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: AVERY INTERNATIONAL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

LUST:
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700574
Global Id: T0603700574
Latitude: 34.0228531
Longitude: -118.3351933
Status: Completed - Case Closed
Status Date: 06/30/2000
Case Worker: WR
RB Case Number: 900160243

20TH CENTURY PLASTICS (Continued) **1000237815**

Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603700574
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

Global Id: T0603700574
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700574
Action Type: Other
Date: 02/18/1997
Action: Leak Discovery

Global Id: T0603700574
Action Type: Other
Date: 02/18/1997
Action: Leak Reported

LUST:
Global Id: T0603700574
Status: Completed - Case Closed
Status Date: 06/30/2000

Global Id: T0603700574
Status: Open - Case Begin Date
Status Date: 02/18/1997

Global Id: T0603700574
Status: Open - Site Assessment
Status Date: 02/18/1997

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900160243

20TH CENTURY PLASTICS (Continued) **1000237815**

Status:	Leak being confirmed	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700574	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	EXPOSITION BLVD	
Enforcement Type:	Not reported	
Date Leak Discovered:	2/18/1997	
Date Leak First Reported:		2/18/1997
Date Leak Record Entered:	3/26/1997	
Date Confirmation Began:	2/18/1997	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		2/18/1997
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6021.768324726720895864503 1001
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	WEST ANGELES CHURCH	
RP Address:	3045 CRENSHAW BLVD., LOS ANGELES CA 90016	
Program:	LUST	
Lat/Long:	34.0228531 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	REQUEST FOR CLOSURE	

CPS-SLIC:
Region: STATE

20TH CENTURY PLASTICS (Continued) **1000237815**

Facility Status:	**Completed - Case Closed**
Status Date:	06/17/1994
Global Id:	SLT43119117
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.023989
Longitude:	-118.334143
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0199
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:

Registry ID: 110002640722

Environmental Interest/Information System

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STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000237815
Registry ID:	110002640722
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002640722

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900160243

C39 **20TH CENTURY PLASTICS** **CPS-SLIC** **S105721798**
SSE **3628 CRENSHAW** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.051 mi.
269 ft. **Site 4 of 5 in cluster C**

Relative: Higher

Actual: 112 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0199
Substance:	VOCs
Staff:	Not reported

C40 **MONARCH LAUNDRY** **EDR Hist Cleaner** **1009190540**
SSE **3612 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.051 mi.
269 ft. **Site 5 of 5 in cluster C**

Relative: Higher

Actual: 112 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1933	MONARCH LAUNDRY	LAUNDRIES STEAM
1937	MONARCH LAUNDRY INC	LAUNDRIES STEAM
1942	MONARCH LAUNDRY CO INC	LAUNDRIES STEAM

E41 **REGAL CLEANERS DYERS LTD** **EDR Hist Cleaner** **1009191575**
ENE **3602 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.067 mi.
356 ft. **Site 1 of 3 in cluster E**

Relative: Higher

Actual: 114 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1937	REGAL CLEANERS DYERS LTD	CLOTHES PRESSERS AND CLEANERS
1937	AMERICAN DYE WORKS	CLOTHES PRESSERS AND CLEANERS

E42 **FILM PROCESSING CO.** **CPS-SLIC** **S104404782**
ENE **3602 CRENSHAW** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.067 mi.
356 ft. **Site 2 of 3 in cluster E**

Relative: Higher

Actual: 114 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/22/1996
Global Id:	SL204451581
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.023989
Longitude:	-118.334143
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0200

FILM PROCESSING CO. (Continued) **S104404782**

File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:
Region: 4
Facility Status: No further action required
SLIC: 0200
Substance: VOCs
Staff: Not reported

E43 **FULCOR REALTY INC** **UST** **U003780112**
ENE **3602 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.067 mi.
356 ft. **Site 3 of 3 in cluster E**

Relative: **Higher**
Actual: **114 ft.**

UST:
Facility ID: 23588
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.0244499
Longitude: -118.332434

D44 **OLIVER & WINSTON INC** **EDR Hist Auto** **1020325606**
North **3601 CRENSHAW BLV** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.093 mi.
493 ft. **Site 6 of 6 in cluster D**

Relative: **Higher**
Actual: **112 ft.**

EDR Hist Auto

Year:	Name:	Type:
1973	CLE-WARE RAYCO INC	General Automotive Repair Shops
1974	CLE-WARE RAYCO INC	General Automotive Repair Shops
1975	F D I INC	General Automotive Repair Shops
1976	F D I INC	General Automotive Repair Shops
1989	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1990	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1991	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1992	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1993	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1994	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1995	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1996	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1997	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1998	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
1999	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
2000	OLIVER & WINSTON INC	Auto And Home Supply Stores, NEC
2001	WINSTON TIRE CO	Auto And Home Supply Stores, NEC
2002	PERFORMANCE MANAGEMENT INC	Auto And Home Supply Stores, NEC
2003	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2004	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2005	KWDSD INC	General Automotive Repair Shops

OLIVER & WINSTON INC (Continued) **1020325606**

2005	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2006	KWDSD INC	General Automotive Repair Shops
2006	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2007	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2008	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2009	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2010	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2011	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2012	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2013	KELVINS UNION SERVICE CENTER	Gasoline Service Stations
2014	KELVINS UNION SERVICE CENTER	Gasoline Service Stations

F45 **EUNG PARK** **SWEEPS UST** **S101583743**
South **3699 CRENSHAW BLVD** **CA FID UST** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.108 mi.
568 ft. **Site 1 of 4 in cluster F**

Relative: **Higher**

Actual: **112 ft.**

SWEEPS UST:

Status:	Active
Comp Number:	5985
Number:	2
Board Of Equalization:	Not reported
Referral Date:	02-25-93
Action Date:	02-25-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19005850
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132900034
Mail To:	Not reported
Mailing Address:	2929 CRENSHAW BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

46
SSE
< 1/8
0.120 mi.
636 ft.

MATCHMASTER DYING & FIN
3700 CRENSHAW BLVD
LOS ANGELES, CA 90016

UST **U003940477**
N/A

Relative:
Higher

Actual:
113 ft.

UST:

Facility ID:	25169
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0209876
Longitude:	-118.3322499

G47
NNE
1/8-1/4
0.127 mi.
673 ft.

CRENSHAW CAR WASH
3518 CRENSHAW BLVD
LOS ANGELES, CA 90018

Site 1 of 12 in cluster G

CPS-SLIC **S104404780**
N/A

Relative:
Higher

Actual:
112 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/16/1965
Global Id:	SLT43352350
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.025143
Longitude:	-118.334179
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0546
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0546
Substance:	TPH
Staff:	Not reported

G48
NNE
1/8-1/4
0.127 mi.
673 ft.

OBECNY JOHN
3518 CRENSHAW BLVD
LOS ANGELES, CA

Site 2 of 12 in cluster G

EDR Hist Auto **1009079461**
N/A

Relative:
Higher

Actual:
112 ft.

EDR Hist Auto

Year:	Name:	Type:
1933	OBECNY JOHN	AUTOMOBILE REPAIRING
1942	BROWN W S	AUTOMOBILE REPAIRING
1991	STREET SCENE AUTO BODY	General Automotive Repair Shops
1994	CRENSHAW CAR CLINIC	General Automotive Repair Shops

OBECNY JOHN (Continued) **1009079461**

1995	CRENSHAW CAR CLINIC	General Automotive Repair Shops
1996	CRENSHAW CAR CLINIC	General Automotive Repair Shops
1997	CRENSHAW CAR CLINIC	General Automotive Repair Shops
1998	CRENSHAW CAR CLINIC	General Automotive Repair Shops
1999	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2000	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2001	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2002	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2003	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2004	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2004	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2005	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2005	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2006	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2006	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2007	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2007	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2008	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2008	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2009	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2009	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2010	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2010	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2011	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2011	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2012	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2012	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2013	CRENSHAW CAR CLINIC	General Automotive Repair Shops
2013	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2014	CRENSHAW AUTO REPAIR	General Automotive Repair Shops
2014	CRENSHAW CAR CLINIC	General Automotive Repair Shops

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49 **APT MEDICAL TRANSPORTATION** **RCRA-SQG** **1000905028**
NE **3411 W 36TH ST** **FINDS** **CA0000269605**
1/8-1/4 **LOS ANGELES, CA 90018** **ECHO**
0.129 mi.
681 ft.

Relative:
Higher

Actual:
114 ft.

RCRA-SQG:

Date form received by agency:	04/25/1994
Facility name:	APT MEDICAL TRANSPORTATION
Facility address:	3411 W 36TH ST LOS ANGELES, CA 90018-3613
EPA ID:	CA0000269605
Mailing address:	W 36TH ST LOS ANGELES, CA 90018-3613
Contact:	ALEX JEX
Contact address:	3411 W 36TH ST LOS ANGELES, CA 90018-3613
Contact country:	US
Contact telephone:	213-298-3123
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

APT MEDICAL TRANSPORTATION (Continued) **1000905028**

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	SMITH MAINTENANCE COMMUNICATION
Owner/operator address:	3773 CRENSHAW BLVD
	LOS ANGELES, CA 90018
Owner/operator country:	Not reported
Owner/operator telephone:	213-298-3123
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002616296

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000905028
Registry ID:	110002616296
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002616296

G50
NNE
1/8-1/4
0.131 mi.
691 ft.

WIKSTROM AND OLLODORT
3520 CRENSHAW BLVD
LOS ANGELES, CA

Site 3 of 12 in cluster G

EDR Hist Auto **1009082212**
N/A

Relative:
Higher

Actual:
112 ft.

EDR Hist Auto

Year:	Name:	Type:
1933	THIRTY SIXTH CRENSHAW SUPER S	GASOLINE AND OIL SERVICE STATIONS
1937	WIKSTROM AND OLLODORT	GASOLINE AND OIL SERVICE STATIONS
1942	WIKSTROM MITCHELL	GASOLINE AND OIL SERVICE STATIONS

51
East
1/8-1/4
0.136 mi.
720 ft.

MISSION CUSTOM FURNISHINGS, INC.
3217 EXPOSITION PL
LOS ANGELES, CA 90018

SWEEPS UST **S101587474**
CA FID UST **N/A**
EMI

Relative:
Higher

Actual:
116 ft.

SWEEPS UST:

Status:	Active
Comp Number:	4072
Number:	9
Board Of Equalization:	Not reported
Referral Date:	02-01-93
Action Date:	04-26-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19055672
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	3103948282
Mail To:	Not reported
Mailing Address:	3217 EXPOSITION PL
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Year:	2002
County Code:	19

MISSION CUSTOM FURNISHINGS, INC. (Continued) **S101587474**

Air Basin:	SC
Facility ID:	56979
Air District Name:	SC
SIC Code:	7641
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	56979
Air District Name:	SC
SIC Code:	7641
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	56979
Air District Name:	SC
SIC Code:	7641
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.70225
Reactive Organic Gases Tons/Yr:	1.68
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0882
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.06

H52 **SO DIST BLDG SVC 36TH ST YARD** **RCRA-SQG** **1000455464**
ENE **3330 W 36TH ST** **FINDS** **CAD982495129**
1/8-1/4 **LOS ANGELES, CA 90018** **ECHO**
0.143 mi. **HAZNET**
754 ft. **Site 1 of 3 in cluster H**

Relative: Higher

Actual: 116 ft.

RCRA-SQG:

Date form received by agency:	07/18/1990
Facility name:	SO DIST BLDG SVC 36TH ST YARD
Facility address:	3330 W 36TH ST LOS ANGELES, CA 90018
EPA ID:	CAD982495129
Mailing address:	200 N MAIN ST RM EIGHTH HUNDRE LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3330 W 36TH ST LOS ANGELES, CA 90018
Contact country:	US
Contact telephone:	213-485-5871
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	LOS ANGELES CITY OF
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

SO DIST BLDG SVC 36TH ST YARD (Continued) **1000455464**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002831115

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000455464
Registry ID:	110002831115
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002831115

HAZNET:

envid:	1000455464
Year:	2003
GEPAID:	CAD982495129
Contact:	INACT PER SURVEY 1-9-95
Telephone:	4155551212
Mailing Name:	Not reported
Mailing Address:	200 N MAIN ST RM 800 CHE
Mailing City,St,Zip:	LOS ANGELES, CA 900120000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid: 1000455464

SO DIST BLDG SVC 36TH ST YARD (Continued) **1000455464**

Year:	2003
GEPAID:	CAD982495129
Contact:	INACT PER SURVEY 1-9-95
Telephone:	4155551212
Mailing Name:	Not reported
Mailing Address:	200 N MAIN ST RM 800 CHE
Mailing City,St,Zip:	LOS ANGELES, CA 900120000
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	5.05
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

H53 **36TH ST YARD-SOUTH DISTRICT** **HIST UST** **U001560762**
ENE **3330 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.143 mi.
754 ft. **Site 2 of 3 in cluster H**

Relative: **Higher**
Actual: **116 ft.**

HIST UST:

File Number:	0002703C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002703C.pdf
Region:	STATE
Facility ID:	00000047114
Facility Type:	Other
Other Type:	CITY MAINT. YD.
Contact Name:	AMAMOTO/KEEL/OLIVE
Telephone:	2134855871
Owner Name:	CITY OF L.A.
Owner Address:	CITY HALL EAST, RM. 800-200 N.
Owner City,St,Zip:	LOS ANGELES, CA 90012
Total Tanks:	0007
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/8
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported

36TH ST YARD-SOUTH DISTRICT (Continued) **U001560762**

Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/8
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/8
Leak Detection:	Stock Inventor

Tank Num:	006
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	007
Container Num:	7
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	1/4
Leak Detection:	Visual

Click here for Geo Tracker PDF:

H54 **36TH ST YARD-SOUTH DISTRICT** **SWEEPS UST** **S101585216**
ENE **3330 W 36TH ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.143 mi.
754 ft. **Site 3 of 3 in cluster H**

Relative:
Higher

Actual:
116 ft.

SWEEPS UST:

Status:	Active
Comp Number:	2465
Number:	4
Board Of Equalization:	44-012042
Referral Date:	10-20-92
Action Date:	10-20-92
Created Date:	02-29-88

36TH ST YARD-SOUTH DISTRICT (Continued) **S101585216**

Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000001
Tank Status: A
Capacity: 2000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 7

Status: Active
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Referral Date: 10-20-92
Action Date: 10-20-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000002
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Referral Date: 10-20-92
Action Date: 10-20-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000003
Tank Status: A
Capacity: 550
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Referral Date: 10-20-92
Action Date: 10-20-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000004
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: CHEMICAL

36TH ST YARD-SOUTH DISTRICT (Continued) **S101585216**

STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Referral Date: 10-20-92
Action Date: 10-20-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000005
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Referral Date: 10-20-92
Action Date: 10-20-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000006
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Referral Date: 10-20-92
Action Date: 10-20-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002465-000007
Tank Status: A
Capacity: 500
Active Date: 04-20-88
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19021077

36TH ST YARD-SOUTH DISTRICT (Continued) **S101585216**

Regulated By:	UTNKA
Regulated ID:	00047114
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134855846
Mail To:	Not reported
Mailing Address:	200 N MAIN STREET-ROOM
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

G55 **NICHOLSONS AUTO REPAIR SYSTEM*** **EDR Hist Auto** **1020420468**
North **3501 S CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90007**
0.144 mi.
761 ft. **Site 4 of 12 in cluster G**

Relative: EDR Hist Auto
Lower

Actual:
111 ft.

Year:	Name:	Type:
1977	NICHOLSONS AUTO REPAIR SYSTEM*	General Automotive Repair Shops
1979	MIDAS MUFFLER SHOP	Automotive Repair Shops, NEC
1980	MIDAS MUFFLER SHOP	Automotive Repair Shops, NEC
1982	MIDAS MUFFLER SHOP	Automotive Repair Shops, NEC
1983	MIDAS MUFFLER SHOP	Automotive Repair Shops, NEC
1985	MIDAS MUFFLER SHOP	Automotive Repair Shops, NEC
1986	MIDAS MUFFLER SHOP	Automotive Repair Shops, NEC
1987	FOUR BEARS CORPORATION	Automotive Repair Shops, NEC
1988	FOUR BEARS CORPORATION	Automotive Repair Shops, NEC
1989	FOUR BEARS CORPORATION	Automotive Repair Shops, NEC
1990	FOUR BEARS CORPORATION	Automotive Repair Shops, NEC
1991	FOUR BAERS CORPORATION	Automotive Repair Shops, NEC
1993	FOUR BAERS CORPORATION	General Automotive Repair Shops
1994	FOUR BAERS CORPORATION	General Automotive Repair Shops
1995	FOUR BAERS CORPORATION	General Automotive Repair Shops
1996	FOUR BAERS CORPORATION	General Automotive Repair Shops
1997	FOUR BAERS CORPORATION	General Automotive Repair Shops
1998	ALLMASTER AUTO REPAIR SERVICE	General Automotive Repair Shops
1998	FOUR BAERS CORPORATION	General Automotive Repair Shops
1999	ALLMASTER AUTO REPAIR SERVICE	General Automotive Repair Shops
2000	STAR MUFFLER & AUTO REPAI	General Automotive Repair Shops
2000	ALLMASTER AUTO REPAIR SERVICE	General Automotive Repair Shops
2001	STAR MUFFLER & AUTO REPAI	General Automotive Repair Shops
2002	STAR MUFFLER & AUTO REPAI	General Automotive Repair Shops
2002	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2003	STAR MUFFLER & AUTO REPAI	General Automotive Repair Shops
2003	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2003	PICO TRANSMISSION	Automotive Transmission Repair Shops
2004	AT TRANSMISSION	Automotive Transmission Repair Shops
2004	STAR MUFFLER & AUTO REPAI	General Automotive Repair Shops
2004	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2005	AT TRANSMISSION	Automotive Transmission Repair Shops

NICHOLSONS AUTO REPAIR SYSTEM* (Continued) **1020420468**

2005	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2005	STAR MUFFLER & AUTO REPAI	General Automotive Repair Shops
2006	FOUR BAERS CORPORATION	Auto Exhaust System Repair Shops, NEC
2006	AT TRANSMISSION	Automotive Transmission Repair Shops
2006	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2007	AT TRANSMISSION	Automotive Transmission Repair Shops
2007	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2007	FOUR BAERS CORPORATION	Auto Exhaust System Repair Shops, NEC
2008	AT TRANSMISSION	Automotive Transmission Repair Shops
2008	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2008	FOUR BAERS CORPORATION	Auto Exhaust System Repair Shops, NEC
2009	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2009	FOUR BAERS CORPORATION	Auto Exhaust System Repair Shops, NEC
2009	AT TRANSMISSION	Automotive Transmission Repair Shops
2010	GUARANTEED AUTO REPAIR	General Automotive Repair Shops
2011	GUARANTEED AUTO REPAIR	General Automotive Repair Shops

G56 **MIDAS MUFFLER SHOP** **SWEEPS UST** **S101584330**
North **3501 CRENSHAW BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.144 mi.
761 ft. **Site 5 of 12 in cluster G**

Relative: **Lower**

Actual: **111 ft.**

SWEEPS UST:

Status:	Not reported
Comp Number:	7525
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19010493
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2136523040
Mail To:	Not reported
Mailing Address:	3501 CRENSHAW
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported

MIDAS MUFFLER SHOP (Continued) **S101584330**

Comments: Not reported
Status: Inactive

G57 **WESTSIDE ARCO NO. 1** **LUST** **S104773307**
NNE **3412 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 6 of 12 in cluster G**

Relative:
Higher

Actual:
112 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900160170A	
Status:	Preliminary site assessment underway	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603793056	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	12/17/1998	
Date Leak First Reported:		5/21/1999
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	12/17/1998	
Date Case Last Changed on Database:		5/21/1999
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Piping	
Operator:	ALBERT MORITA	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6943.44588003694523996243920 63
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		5/21/1999
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	WESTSIDE ARCO NO. 1	

WESTSIDE ARCO NO. 1 (Continued) **S104773307**

RP Address: 3479 MOTOR AVE., LOS ANGELES, CA 90037
Program: LUST
Lat/Long: 34.025383 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: SOIL SAMPLES COLLECTED UNDER THE FUEL DISPENSER PIPING SHOWED HIGH LEVELS OF TPH. THIS REPORT IS BEING SUBMITTED TO CONFORM WITH THE STATE CLEAN FUND REQUIREMENT SINCE THE LIA HAS ISSUED A DIRECTIVE.

G58 **ARCO #27** **SWEEPS UST S101582851**
NNE **3412 CRENSHAW BLVD** **CA FID UST N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 7 of 12 in cluster G**

Relative: **Higher**
Actual: **112 ft.**

SWEEPS UST:
Status: Active
Comp Number: 5578
Number: 9
Board Of Equalization: Not reported
Referral Date: 11-17-92
Action Date: 02-17-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-005578-000001
Tank Status: A
Capacity: 12000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 5578
Number: 9
Board Of Equalization: Not reported
Referral Date: 11-17-92
Action Date: 02-17-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-005578-000002
Tank Status: A
Capacity: 12000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 5578
Number: 9
Board Of Equalization: Not reported

ARCO #27 (Continued) **S101582851**

Referral Date:	11-17-92
Action Date:	02-17-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-005578-000003
Tank Status:	A
Capacity:	12000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19001652
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	3104085300
Mail To:	Not reported
Mailing Address:	17315 STUDEBAKER RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

G59 **WESTSIDE ARCO #1** **UST** **U003937138**
NNE **3412 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 8 of 12 in cluster G**

Relative:
Higher

Actual:
112 ft.

UST:

Facility ID:	25158
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0267005
Longitude:	-118.3336496

G60 **AL'S SERVICE #1** **UST** **U004262873**
NNE **3412 S CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 9 of 12 in cluster G**

Relative:
Higher

Actual:
112 ft.

UST:

Facility ID:	Not reported
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.0253
Longitude:	-118.33506

G61 **ARCO #0027** **LUST** **S101296968**
NNE **3412 CRENSHAW BLVD S** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 10 of 12 in cluster G**

Relative:
Higher

Actual:
112 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700567
Global Id:	T0603700567
Latitude:	34.0251645
Longitude:	-118.3350658
Status:	Completed - Case Closed
Status Date:	12/03/1996
Case Worker:	YR
RB Case Number:	900160170
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700567
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603700567
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603700567
Action Type:	Other
Date:	02/19/1988
Action:	Leak Discovery

Global Id:	T0603700567
Action Type:	Other
Date:	02/22/1988
Action:	Leak Reported

LUST:

Global Id:	T0603700567
Status:	Completed - Case Closed
Status Date:	12/03/1996

ARCO #0027 (Continued) **S101296968**

Global Id: T0603700567
Status: Open - Case Begin Date
Status Date: 02/19/1988

Global Id: T0603700567
Status: Open - Site Assessment
Status Date: 03/09/1992

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900160170
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700567
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: JEFFERSON BLVD
Enforcement Type: Not reported
Date Leak Discovered: 2/19/1988
Date Leak First Reported: 2/22/1988
Date Leak Record Entered: 5/11/1988
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/31/1997
Date the Case was Closed: 12/3/1996
How Leak Discovered: Tank Test
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: MORITA, ALBERT OLD#003915
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6978.1484858276270719603415134
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 3/9/1992
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported

ARCO #0027 (Continued) **S101296968**

Responsible Party:	ARCO PRODUCTS CO
RP Address:	P.O. BOX 5077, BUENA PARK CA 90622-5077
Program:	LUST
Lat/Long:	34.025477 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	CHANGE TO R.B.CASE ON 05/16/89 , 4TH QUARTER REPORT 2/20/91, 1ST QUARTER REPORT 4/26/91 , 2ND QU. RP. 7/31/91

G62 **MORITA ALBERT K** **EDR Hist Auto** **1021644049**
NNE **3412 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 11 of 12 in cluster G**

Relative: EDR Hist Auto
Higher

Actual: **112 ft.**

Year:	Name:	Type:
1975	MORITA ALBERT K	Gasoline Service Stations
1976	MORITA ALBERT K	Gasoline Service Stations
1977	MORITA ALBERT K	Gasoline Service Stations
1978	MORITA ALBERT K	Gasoline Service Stations
1979	MORITA ALBERT K	Gasoline Service Stations
1980	MORITA ALBERT K	Gasoline Service Stations
1982	MORITA ALBERT K	Gasoline Service Stations
1983	MORITA ALBERT K	Gasoline Service Stations
1985	MORITA ALBERT K	Gasoline Service Stations
1986	MORITA ALBERT K	Gasoline Service Stations
1987	MORITA ALBERT K	Gasoline Service Stations
1988	MORITA ALBERT K	Gasoline Service Stations
1989	MORITA ALBERT K	Gasoline Service Stations
1990	MORITA ALBERT K	Gasoline Service Stations
1991	MORITA ALBERT K	Gasoline Service Stations
1993	MORITA ALBERT K	Gasoline Service Stations, NEC
1994	WESTSIDE ARCO NO 1	Gasoline Service Stations
1995	WESTSIDE ARCO NO 1	Gasoline Service Stations
1996	WESTSIDE ARCO NO 1	Gasoline Service Stations
1997	WESTSIDE ARCO NO 1	Gasoline Service Stations
1998	WESTSIDE ARCO NO 1	Gasoline Service Stations
1999	WESTSIDE ARCO NO 1	Gasoline Service Stations
2000	WESTSIDE ARCO 1	Gasoline Service Stations
2001	WESTSIDE ARCO 1	Gasoline Service Stations
2002	WESTSIDE ARCO 1	Gasoline Service Stations
2003	WESTSIDE ARCO 1	Gasoline Service Stations
2004	WESTSIDE ARCO 1	Gasoline Service Stations
2005	WESTSIDE ARCO 1	Gasoline Service Stations
2006	WESTSIDE ARCO 1	Gasoline Service Stations
2007	WESTSIDE ARCO 1	Gasoline Service Stations
2008	WESTSIDE ARCO 1	Gasoline Service Stations
2009	WESTSIDE ARCO 1	Gasoline Service Stations
2010	WESTSIDE ARCO 1	Gasoline Service Stations
2011	WESTSIDE ARCO 1	Gasoline Service Stations
2012	WESTSIDE ARCO 1	Gasoline Service Stations
2013	WESTSIDE ARCO 1	Gasoline Service Stations

MORITA ALBERT K (Continued) **1021644049**

2014 WESTSIDE ARCO 1 Gasoline Service Stations

G63 **WESTSIDE ARCO NO. 1** **LUST** **S104574422**
NNE **3412 CRENSHAW BLVD** **HIST CORTESE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.152 mi.
803 ft. **Site 12 of 12 in cluster G**

Relative:
Higher

Actual:
112 ft.

LUST:

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603793056
Global Id:	T0603793056
Latitude:	34.025383
Longitude:	-118.334933
Status:	Completed - Case Closed
Status Date:	08/04/2000
Case Worker:	WR
RB Case Number:	900160170A
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

LUST:

Global Id:	T0603793056
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

Global Id:	T0603793056
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603793056
Action Type:	Other
Date:	12/17/1998
Action:	Leak Discovery

Global Id:	T0603793056
Action Type:	Other
Date:	12/17/1998
Action:	Leak Stopped

Global Id:	T0603793056
Action Type:	Other

WESTSIDE ARCO NO. 1 (Continued) **S104574422**

Date: 05/21/1999
Action: Leak Reported

LUST:
Global Id: T0603793056
Status: Completed - Case Closed
Status Date: 08/04/2000

Global Id: T0603793056
Status: Open - Case Begin Date
Status Date: 12/17/1998

Global Id: T0603793056
Status: Open - Site Assessment
Status Date: 05/21/1999

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900160170

F64 **MERCURY O'CONNOR** **LUST** **S101642788**
South **3737 CRENSHAW BLVD** **CPS-SLIC** **N/A**
1/8-1/4 **LOS ANGELES, CA 90008** **HIST CORTESE**
0.152 mi.
805 ft. **Site 2 of 4 in cluster F**

Relative:
Higher

Actual:
112 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: SLIC435
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603705560
W Global ID: Not reported
Staff: SLC
Local Agency: 19050
Cross Street: COLISEUM ST
Enforcement Type: Not reported
Date Leak Discovered: 1/13/1988
Date Leak First Reported: 1/13/1988
Date Leak Record Entered: 5/11/1988
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 7/16/1997
Date the Case was Closed: 7/17/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Corrosion
Leak Source: Tank

MERCURY O'CONNOR (Continued) **S101642788**

Operator:	J.F. O'CONNOR OLD#900160061	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):	4539.0905022815129388814354821	
Source of Cleanup Funding:	Tank	
Preliminary Site Assessment Workplan Submitted:	Not reported	
Preliminary Site Assessment Began:	Not reported	
Pollution Characterization Began:	1/13/1988	
Remediation Plan Submitted:	Not reported	
Remedial Action Underway:	Not reported	
Post Remedial Action Monitoring Began:	Not reported	
Enforcement Action Date:	Not reported	
Historical Max MTBE Date:	Not reported	
Hist Max MTBE Conc in Groundwater:	Not reported	
Hist Max MTBE Conc in Soil:	Not reported	
Significant Interim Remedial Action Taken:	Yes	
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SOIL PACIFIC INC	
RP Address:	675 ECKHOFF N, SUITE "A" ORANGE CA 92668	
Program:	SLIC	
Lat/Long:	34.0187803 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	ADDITIOANL SI IN PROGRESS. VALID CASENO WITH FILE NO 95-056 CASE # WITH SLIC 435	REPLACED REPLACED 95-056

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/17/1996
Global Id:	T0603705560
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.019335
Longitude:	-118.335761
Case Type:	Cleanup Program Site
Case Worker:	SLC
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	SLIC435
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/01/1998

MERCURY O'CONNOR (Continued) **S101642788**

Global Id:	SL204421578
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.019861
Longitude:	-118.334396
Case Type:	Cleanup Program Site
Case Worker:	SLC
Local Agency:	Not reported
RB Case Number:	0435
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	SLIC435

F65 **MERCURY O'CONNNOR** **CPS-SLIC** **S104404783**
South **3737 CRENSHAW** **N/A**
1/8-1/4 **LOS ANGELES, CA 90008**
0.152 mi.
805 ft. **Site 3 of 4 in cluster F**

Relative:
Higher

Actual:
112 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0435
Substance:	TPH
Staff:	Not reported

F66 **OCONNOR LINCOLN MERCURY** **RCRA-SQG** **1000317681**
South **3737 CRENSHAW BLVD** **SWEEPS UST** **CAD028568368**
1/8-1/4 **LOS ANGELES, CA 90016** **HIST UST**
0.152 mi. **CA FID UST**
805 ft. **Site 4 of 4 in cluster F** **FINDS**
ECHO

Relative:
Higher

Actual:
112 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	OCONNOR LINCOLN MERCURY
Facility address:	3737 CRENSHAW BLVD LOS ANGELES, CA 90016
EPA ID:	CAD028568368
Mailing address:	CRENSHAW BLVD LOS ANGELES, CA 90016
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: J F OCONNOR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

SWEEPS UST:
Status: Not reported
Comp Number: 2790

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Number: Not reported
Board Of Equalization: 44-012532
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002790-000001
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: 2

Status: Not reported
Comp Number: 2790
Number: Not reported
Board Of Equalization: 44-012532
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002790-000002
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 0002703D
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002703D.pdf
Region: STATE
Facility ID: 00000066506
Facility Type: Other
Other Type: NEW CAR DEALER
Contact Name: W.D. DODDS
Telephone: 2132936101
Owner Name: J.F. O'CONNOR & SON, INC.
Owner Address: 3737 CRENSHAW BOULEVARD
Owner City,St,Zip: LOS ANGELES, CA 90016
Total Tanks: 0003

Tank Num: 001
Container Num: NORTH-1
Year Installed: Not reported
Tank Capacity: 00000400
Tank Used for: PRODUCT
Type of Fuel: 6N
Container Construction Thickness: X
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: NORTH-1

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Year Installed:	Not reported
Tank Capacity:	00000400
Tank Used for:	PRODUCT
Type of Fuel:	6N
Container Construction Thickness:	X
Leak Detection:	Stock Inventor

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	WASTE
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	NORTH-2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	NORTH-2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	WASTE

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: SOUTH
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: SOUTH
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19001656
Regulated By: UTNKI
Regulated ID: 00050753
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132936101
Mail To: Not reported
Mailing Address: 3737 CRENSHAW BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

FINDS:

Registry ID: 110002640660

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000317681
Registry ID: 110002640660
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002640660

I67 **WALGREENS #7016** **RCRA-CESQG** **1016954312**
SSE **3724 CRENSHAW BLVD** **CAL000323472**
1/8-1/4 **LOS ANGELES, CA 90016**
0.159 mi.
842 ft. **Site 1 of 5 in cluster I**

Relative:
Higher

Actual:
112 ft.

RCRA-CESQG:
Date form received by agency: 04/06/2016
Facility name: WALGREENS #7016
Facility address: 3724 CRENSHAW BLVD
LOS ANGELES, CA 90016
EPA ID: CAL000323472
Mailing address: GREYHAWK CT
SUITE 200
CARLSBAD, CA 92010
Contact: KARINA ROMERO
Contact address: GREYHAWK CT SUITE 200
CARLSBAD, CA 92010
Contact country: US
Contact telephone: 760-602-8700
Contact email: REGULATORY@3ECOMPANY.COM
EPA Region: 09
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: WALGREEN CO.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

WALGREENS #7016 (Continued) **1016954312**

Owner/Operator Type: Operator
Owner/Op start date: 05/13/2006
Owner/Op end date: Not reported

Owner/operator name: THE COLISEUM CENTER LLC
Owner/operator address: S BEVERLY DR STE 312
BEVERLY HILLS, CA 90212
Owner/operator country: US
Owner/operator telephone: 310-288-4300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/17/2006
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 311
. Waste name: Pharmaceutical waste

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

WALGREENS #7016 (Continued) **1016954312**

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010
. Waste name: SELENIUM

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO-

Historical Generators:
Date form received by agency: 03/01/2014
Site name: WALGREENS #7016
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

WALGREENS #7016 (Continued) **1016954312**

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO-

. Waste code: U165
. Waste name: NAPHTHALENE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 183

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 57

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 1

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 8

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 4

WALGREENS #7016 (Continued) **1016954312**

Waste code: U034
Waste name: ACETALDEHYDE, TRICHLORO-
Amount (Lbs): 2

Violation Status: No violations found

J68 **MONARCH CLEANERS DYERS** **EDR Hist Cleaner** **1009192319**
North **3417 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.173 mi.
915 ft. **Site 1 of 5 in cluster J**

Relative: EDR Hist Cleaner
Lower

Actual: Year: Name: Type:
111 ft. 1937 MONARCH CLEANERS DYERS CLOTHES PRESSERS AND CLEANERS

I69 **MAJESTIC PONTIAC AND HONDA** **RCRA-SQG** **1000596843**
SSE **3740 CRENSHAW BLVD** **HIST UST** **CAD983608266**
1/8-1/4 **LOS ANGELES, CA 90016** **CA FID UST**
0.179 mi. **FINDS**
944 ft. **Site 2 of 5 in cluster I** **ECHO**
HAZNET

Relative:
Higher

Actual:
112 ft.

RCRA-SQG:
Date form received by agency: 09/24/1991
Facility name: MAJESTIC PONTIAC AND HONDA
Facility address: 3740 CRENSHAW BLVD
LOS ANGELES, CA 90016
EPA ID: CAD983608266
Contact: JOSEPH CHOI
Contact address: 3740 CRENSHAW BLVD
LOS ANGELES, CA 90016
Contact country: US
Contact telephone: 213-293-7111
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: STEPHEN R MAY
Owner/operator address: 1156 3RD ST
MANHATTAN BEACH, CA 90266
Owner/operator country: Not reported
Owner/operator telephone: 213-376-9260
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000041420
Facility Type: Other
Other Type: NEW CAR DEALER
Contact Name: MAY, STEPHEN
Telephone: 2132937111
Owner Name: MAJESTIC PONTIAC & HONDA
Owner Address: 3740 CRENSHAW BLVD
Owner City,St,Zip: LOS ANGELES, CA 90016
Total Tanks: 0002

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: #2
Year Installed: 1983
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

CA FID UST:
Facility ID: 19035120
Regulated By: UTNKA
Regulated ID: 00041420

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132937111
Mail To: Not reported
Mailing Address: 1441 5TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110002862750

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000596843
Registry ID: 110002862750
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002862750

HAZNET:
envid: 1000596843
Year: 1998
GEPAID: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 704
Mailing City,St,Zip: EL SEGUNDO, CA 902450704
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .3625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000596843

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Year: 1998
GEPAID: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 704
Mailing City,St,Zip: EL SEGUNDO, CA 902450704
Gen County: Not reported
TSD EPA ID: CAD093459485
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Transfer Station
Tons: .0166
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000596843
Year: 1998
GEPAID: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 704
Mailing City,St,Zip: EL SEGUNDO, CA 902450704
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.2510
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000596843
Year: 1997
GEPAID: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 704
Mailing City,St,Zip: EL SEGUNDO, CA 902450704
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 3.7530
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1000596843
Year: 1997
GEPAID: CAD983608266
Contact: STEPHEN R MAY

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 704
Mailing City,St,Zip:	EL SEGUNDO, CA 902450704
Gen County:	Not reported
TSD EPA ID:	CAD093459485
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Transfer Station
Tons:	.0498
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

I70 **MAJESTIC PONTIAC & HONDA** **UST** **U003940445**
SSE **3740 CRENSHAW BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.179 mi.
944 ft. **Site 3 of 5 in cluster I**

Relative:
Higher

Actual:
112 ft.

UST:

Facility ID:	25171
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0197492
Longitude:	-118.3332447

SWEEPS UST:

Status:	Active
Comp Number:	2259
Number:	9
Board Of Equalization:	44-012228
Referral Date:	08-30-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002259-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	04-20-88
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	2

Status:	Active
Comp Number:	2259
Number:	9
Board Of Equalization:	44-012228
Referral Date:	08-30-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002259-000002
Tank Status:	A

MAJESTIC PONTIAC & HONDA (Continued) **U003940445**

Capacity:	3000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

I71 **COLISEUM CENTER LLC CARE OF AXION REAL** **HIST UST** **S112915470**
SSE **3740 CRENSHAW BLVD** **HAZNET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.179 mi.
944 ft. **Site 4 of 5 in cluster I**

Relative:
Higher

Actual:
112 ft.

HIST UST:

File Number:	000279D6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000279D6.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

envid:	S112915470
Year:	2001
GEPAID:	CAC002360271
Contact:	JAN CHASE- OFFICE MGR
Telephone:	9495518114
Mailing Name:	Not reported
Mailing Address:	16432 VAN OWEN ST
Mailing City,St,Zip:	VAN NUYS, CA 914060000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Recycler
Tons:	3.25
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

J72 **ALBERT MORITA AND PAULINE MORITA** **HIST UST** **S118407321**
NNE **3400 S CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.200 mi.
1057 ft. **Site 2 of 5 in cluster J**

Relative: **Higher**
Actual: **112 ft.**

HIST UST:

File Number:	000263D9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000263D9.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

J73 **ALBERT MORITA & PAULINE MORITA** **HIST UST** **U001560646**
NNE **3400 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.200 mi.
1057 ft. **Site 3 of 5 in cluster J**

Relative: **Higher**
Actual: **112 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000026468
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	0000000000
Owner Name:	ARCO PETROLEUM PRODUCTS CO.
Owner Address:	515 SOUTH FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071
Total Tanks:	0004
Tank Num:	001
Container Num:	0000000001
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000240
Leak Detection:	Stock Inventor, 10

ALBERT MORITA & PAULINE MORITA (Continued) **U001560646**

Tank Num:	002
Container Num:	0000000002
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000240
Leak Detection:	Stock Inventor, 10

Tank Num:	003
Container Num:	0000000003
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	0000093
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	0000000004
Year Installed:	1972
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	0000240
Leak Detection:	Stock Inventor, 10

J74 **MORITA ALBERT K** **EDR Hist Auto** **1009084775**
NNE **3400 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.200 mi.
1057 ft. **Site 4 of 5 in cluster J**

Relative: EDR Hist Auto
Higher

Actual: **112 ft.**

Year:	Name:	Type:
1942	GALLOWAY HOLLINGSWORTH	GASOLINE AND OIL SERVICE STATIONS
1969	MORITA ALBERT K	Gasoline Service Stations
1970	MORITA ALBERT K	Gasoline Service Stations
1971	MORITA ALBERT K	Gasoline Service Stations
1972	MORITA ALBERT K	Gasoline Service Stations
1973	MORITA ALBERT K	Gasoline Service Stations
1974	MORITA ALBERT K	Gasoline Service Stations

J75 **ALBERT MORITA & PAULINE MORITA** **SWEEPS UST** **S101617182**
NNE **3400 CRENSHAW BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.200 mi.
1057 ft. **Site 5 of 5 in cluster J**

Relative: SWEEPS UST:
Higher

Actual: **112 ft.**

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported

ALBERT MORITA & PAULINE MORITA (Continued) **S101617182**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001556-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	4

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001556-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001556-000003
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-001556-000004
Tank Status:	Not reported
Capacity:	8000

ALBERT MORITA & PAULINE MORITA (Continued) **S101617182**

Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19055412
Regulated By: UTNKA
Regulated ID: 00026468
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8004439511
Mail To: Not reported
Mailing Address: 515 S FLOWER ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

I76 South 1/8-1/4 0.203 mi. 1073 ft. **CVS PHARMACY #9582** **RCRA-LQG 1016140124**
3741 CRENSHAW BLVD **FINDS CAR000237396**
LOS ANGELES, CA 90016 **ECHO**

Site 5 of 5 in cluster I

Relative: Higher

Actual: 112 ft.

RCRA-LQG:
Date form received by agency: 03/01/2014
Facility name: CVS PHARMACY #9582
Facility address: 3741 CRENSHAW BLVD
LOS ANGELES, CA 90016
EPA ID: CAR000237396
Mailing address: CVS DR
WOONSOCKET, RI 02895
Contact: WENDY L BRANT
Contact address: CVS DR
WOONSOCKET, RI 02895
Contact country: Not reported
Contact telephone: 401-770-7457
Contact email: WENDY.BRANT@CVSCAREMARK.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CVS PHARMACY #9582 (Continued) **1016140124**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GARFIELD BEACH CVS LLC
Owner/operator address:	CVS DR
	WOONSOCKET, RI 02895
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/02/2006
Owner/Op end date:	Not reported

Owner/operator name:	BARCHESTER CALIFORNIA LP
Owner/operator address:	RIVERVIEW LN
	DAYTONA BEACH, FL 32118
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/15/2006
Owner/Op end date:	Not reported

Owner/operator name:	BARCHESTER CALIFORNIA LP
Owner/operator address:	3234 RIVERVIEW LN ATTN JOHN SERAVALLI
	DAYTONA BEACH, FL 32118
Owner/operator country:	US
Owner/operator telephone:	386-788-8831
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/15/2006
Owner/Op end date:	Not reported

Owner/operator name:	GARFIELD BEACH CVS LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/02/2006
Owner/Op end date:	Not reported

CVS PHARMACY #9582 (Continued) **1016140124**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011

CVS PHARMACY #9582 (Continued) **1016140124**

. Waste name: SILVER

. Waste code: D016
. Waste name: 2,4-D

. Waste code: D018
. Waste name: BENZENE

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: P081
. Waste name: NITROGLYCERINE (R)

. Waste code: P188
. Waste name: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U010
. Waste name: AZIRINO[2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-

. Waste code: U031
. Waste name: 1-BUTANOL (I)

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO-

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]-

. Waste code: U044
. Waste name: CHLOROFORM

CVS PHARMACY #9582 (Continued) **1016140124**

. Waste code: U058
. Waste name: CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: DAUNOMYCIN

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO-

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO-

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-

. Waste code: U132
. Waste name: HEXACHLOROPHENE

. Waste code: U150
. Waste name: MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U200
. Waste name: RESERPINE

. Waste code: U201
. Waste name: 1,3-BENZENEDIOL

. Waste code: U204
. Waste name: SELENIOUS ACID

. Waste code: U205
. Waste name: SELENIUM SULFIDE

. Waste code: U206
. Waste name: GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO-

CVS PHARMACY #9582 (Continued) **1016140124**

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

. Waste code: U411
. Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Historical Generators:
Date form received by agency: 03/27/2013
Site name: CVS PHARMACY NO 9582
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

. Waste code: P075
. Waste name: NICOTINE, & SALTS

. Waste code: P081
. Waste name: NITROGLYCERINE (R)

Violation Status: No violations found

FINDS:

Registry ID: 110055438888

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

CVS PHARMACY #9582 (Continued) **1016140124**

corrective action activities required under RCRA.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016140124
Registry ID:	110055438888
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055438888

K77 **SEVEN-UP BOTTLING COMPANY** **HIST UST** **S118415312**
ENE **3220 EAST 36TH STREET** **N/A**
1/8-1/4 **VERNON, CA 90023**
0.206 mi.
1086 ft. **Site 1 of 7 in cluster K**

Relative: **Higher**
Actual: **118 ft.**

HIST UST:

File Number:	000282CB
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000282CB.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

K78
East
1/8-1/4
0.215 mi.
1134 ft.

LOS ANGELES GAS AND ELECTRIC CO-36TH STREET GAS WO — **EDR MGP** — **1008407701**
W. 36TH STREET — **N/A**
LOS ANGELES, CA 90018

Site 2 of 7 in cluster K

Relative: Higher

Actual: 118 ft.

Manufactured Gas Plants:
No additional information available

L79
NNE
1/8-1/4
0.220 mi.
1159 ft.

SOUTHWESTERN ENGINEERING CO. — **ENVIROSTOR** — **S107737393**
N/A
LOS ANGELES, CA

Site 1 of 3 in cluster L

Relative: Higher

Actual: 114 ft.

ENVIROSTOR:

Facility ID:	80001143
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.02527
Longitude:	-118.3333
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799FA47200
Alias Type:	Federal Facility ID
Alias Name:	J09CA7446
Alias Type:	INPR
Alias Name:	80001143
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported

SOUTHWESTERN ENGINEERING CO. (Continued) **S107737393**

Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

M80 **CHANDLER KENNETH** **EDR Hist Auto** **1009079494**
NNW **3801 W JEFFERSON BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.223 mi.
1178 ft. **Site 1 of 3 in cluster M**

Relative: EDR Hist Auto
Lower

Actual:
109 ft.

Year:	Name:	Type:
1933	CHANDLER KENNETH	AUTOMOBILE REPAIRING
1937	BUETER A A	GASOLINE AND OIL SERVICE STATIONS

M81 **DAYMONT V N** **EDR Hist Auto** **1009080833**
NNW **3822 W JEFFERSON BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.226 mi.
1192 ft. **Site 2 of 3 in cluster M**

Relative: EDR Hist Auto
Lower

Actual:
109 ft.

Year:	Name:	Type:
1937	GOLDFARH SOL	GASOLINE AND OIL SERVICE STATIONS
1942	DAYMONT V N	GASOLINE AND OIL SERVICE STATIONS
1942	ELBERT C E	AUTOMOBILE REPAIRING
1991	SHUJI AUTO REPAIR	General Automotive Repair Shops
1992	SHUJI AUTO REPAIR	General Automotive Repair Shops
1993	SHUJI AUTO REPAIR	General Automotive Repair Shops
1994	SHUJI AUTO REPAIR	General Automotive Repair Shops
1995	SHUJI AUTO REPAIR	General Automotive Repair Shops
1996	SHUJI AUTO REPAIR	General Automotive Repair Shops
1997	SHUJI AUTO REPAIR	General Automotive Repair Shops
1998	SHUJI AUTO REPAIR	General Automotive Repair Shops
1999	SHUJI AUTO REPAIR	General Automotive Repair Shops
2000	SHUJI AUTO REPAIR	General Automotive Repair Shops
2001	SHUJI AUTO REPAIR	General Automotive Repair Shops
2002	SHUJI AUTO REPAIR	General Automotive Repair Shops

M82 **INTERNATIONAL TERRA COTTA** **RCRA-SQG** **1000216995**
NNW **3821 W JEFFERSON BLVD** **FINDS** **CAD981428774**
1/8-1/4 **LOS ANGELES, CA 90016** **ECHO**
0.227 mi.
1201 ft. **Site 3 of 3 in cluster M**

Relative:
Lower

Actual:
109 ft.

RCRA-SQG:

Date form received by agency:	07/22/1986
Facility name:	INTERNATIONAL TERRA COTTA
Facility address:	3821 W JEFFERSON BLVD LOS ANGELES, CA 90016
EPA ID:	CAD981428774
Mailing address:	690 N ROBERTSON BLVD LOS ANGELES, CA 90069
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3821 W JEFFERSON BLVD LOS ANGELES, CA 90016
Contact country:	US
Contact telephone:	213-735-1885
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	OGDEN M EDWARDS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

INTERNATIONAL TERRA COTTA (Continued) **1000216995**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002702246

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000216995
Registry ID:	110002702246
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002702246

N83 **WESTERN FUEL GROUP #90485** **UST** **U004264283**
North **3063 S CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.231 mi.
1222 ft. **Site 1 of 5 in cluster N**

Relative: **Lower**

Actual: **111 ft.**

UST:

Facility ID:	FA0022515
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.02585
Longitude:	-118.33548

N84 **CHEVRON 90485** **SWEEPS UST** **S101586445**
North **3063 CRENSHAW BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016** **HAZNET**
0.231 mi.
1222 ft. **Site 2 of 5 in cluster N**

Relative: **Lower**

Actual: **111 ft.**

SWEEPS UST:

Status:	Active
Comp Number:	3456
Number:	1
Board Of Equalization:	44-013003
Referral Date:	06-07-93
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003456-000001
Tank Status:	A
Capacity:	10000
Active Date:	10-06-92
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	4

Status:	Active
Comp Number:	3456
Number:	1
Board Of Equalization:	44-013003
Referral Date:	06-07-93
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003456-000002
Tank Status:	A
Capacity:	10000
Active Date:	10-06-92
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	3456
Number:	1
Board Of Equalization:	44-013003
Referral Date:	06-07-93
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003456-000003
Tank Status:	A
Capacity:	10000
Active Date:	10-06-92
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status: Active

CHEVRON 90485 (Continued) **S101586445**

Comp Number: 3456
Number: 1
Board Of Equalization: 44-013003
Referral Date: 06-07-93
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003456-000004
Tank Status: A
Capacity: 550
Active Date: 10-06-92
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19050306
Regulated By: UTNKA
Regulated ID: 00061827
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137339742
Mail To: Not reported
Mailing Address: 575 MARKET ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
envid: S101586445
Year: 2017
GEPAID: CAL000407980
Contact: LISA THOMPSON
Telephone: 8183368984
Mailing Name: Not reported
Mailing Address: 29501 CANWOOD ST STE 200
Mailing City,St,Zip: AGOURA HILLS, CA 913011570
Gen County: Los Angeles
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

CHEVRON 90485 (Continued) **S101586445**

envid:	S101586445
Year:	2017
GEPAID:	CAL000407980
Contact:	LISA THOMPSON
Telephone:	8183368984
Mailing Name:	Not reported
Mailing Address:	29501 CANWOOD ST STE 200
Mailing City,St,Zip:	AGOURA HILLS, CA 913011570
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Cat Decode:	Other organic solids
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

envid:	S101586445
Year:	2016
GEPAID:	CAL000407980
Contact:	LISA THOMPSON
Telephone:	8183368984
Mailing Name:	Not reported
Mailing Address:	29501 CANWOOD ST STE 200
Mailing City,St,Zip:	AGOURA HILLS, CA 913011570
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

N85 **MKL CHEVRON** **EDR Hist Auto** **1009121148**
North **3063 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90000**
0.231 mi.
1222 ft. **Site 3 of 5 in cluster N**

Relative: EDR Hist Auto
Lower

Actual:
111 ft.

Year:	Name:	Type:
1994	MKL CHEVRON	Not reported
1994	MKL CHEVRON	Gasoline Service Stations
1995	MKL CHEVRON	Gasoline Service Stations
1996	MKL CHEVRON	Gasoline Service Stations
1997	MKL CHEVRON	Gasoline Service Stations
1998	M K L CHEVRON	Gasoline Service Stations
1999	M K L CHEVRON	Gasoline Service Stations
2000	M K L CHEVRON	Gasoline Service Stations
2001	M K L CHEVRON	Gasoline Service Stations
2002	M K L CHEVRON	Gasoline Service Stations

MKL CHEVRON (Continued) **1009121148**

2003	M K L CHEVRON	Gasoline Service Stations
2004	MEKHAIL IBRAHIM	Gasoline Service Stations
2005	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2006	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2007	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2008	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2009	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2010	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2011	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2012	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2013	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC
2014	MEKHAIL IBRAHIM	Gasoline Service Stations, NEC

N86 **CHEVRON STATION #9-0485** **UST** **U003938923**
North **3063 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.231 mi.
1222 ft. **Site 4 of 5 in cluster N**

Relative: **Lower**
Actual: **111 ft.**

UST:

Facility ID:	23768
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.0272
Longitude:	-118.334131

N87 **90485** **HIST UST** **U001560641**
North **3063 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.231 mi.
1222 ft. **Site 5 of 5 in cluster N**

Relative: **Lower**
Actual: **111 ft.**

HIST UST:

File Number:	00026BD4
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026BD4.pdf
Region:	STATE
Facility ID:	00000061827
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	OH,BYUNG S.
Telephone:	2137379131
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2

90485 (Continued) **U001560641**

Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

88
East
1/8-1/4
0.232 mi.
1227 ft.

DISTRIBUTING STATION 39 **AST** **A100419468**
3125 EXPOSITION BLVD **N/A**
LOS ANGELES, CA 90018

Relative:
Higher

Actual:
118 ft.

AST:

Certified Unified Program Agencies:	Not reported
Owner:	Los Angeles Department of Water and Power
Total Gallons:	Not reported
CERSID:	10030195
Facility ID:	19-051-017045
Business Name:	Los Angeles Department of Water and Power
Phone:	213-367-0403
Fax:	Not reported
Mailing Address:	111 N. Hope St. Room 1050
Mailing Address City:	Los Angeles
Mailing Address State:	CA
Mailing Address Zip Code:	90012
Operator Name:	Los Angeles Department of Water and Power
Operator Phone:	213-367-0403
Owner Phone:	213-367-0403
Owner Mail Address:	111 N. Hope St. Room 1050
Owner State:	CA
Owner Zip Code:	90012
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported

DISTRIBUTING STATION 39 (Continued) **A100419468**

Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

L89 **HASSEL HANS** **EDR Hist Auto** **1009080064**
NNE **3503 W JEFFERSON BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.237 mi.
1249 ft. **Site 2 of 3 in cluster L**

Relative: EDR Hist Auto
Higher

Actual:
113 ft.

Year:	Name:	Type:
1933	HASSEL NELS	AUTOMOBILE REPAIRING
1937	HASSEL HANS	AUTOMOBILE REPAIRING
1942	HASSEL NELS	AUTOMOBILE REPAIRING

K90 **SO CAL GAS (CRENSHAW BASE)** **ENVIROSTOR** **U003781428**
East **3124 W 36TH ST** **UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018** **SWEEPS UST**
0.237 mi.
1251 ft. **Site 3 of 7 in cluster K**

Relative: ENVIROSTOR:
Higher

Actual:
118 ft.

Facility ID:	80001142
Status:	Inactive - Needs Evaluation
Status Date:	08/08/2016
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	25
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	51
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.05555
Longitude:	-118.2291
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY, RESEARCH - WEAPONS
Potential COC:	1,3-Butadiene
Confirmed COC:	1,3-Butadiene
Potential Description:	SED, SOIL, SV
Alias Name:	CA99799FA47100
Alias Type:	Federal Facility ID
Alias Name:	J09CA7445
Alias Type:	INPR
Alias Name:	80001142
Alias Type:	Envirostor ID Number

SO CAL GAS (CRENSHAW BASE) (Continued) **U003781428**

Completed Info:
- Completed Area Name: PROJECT WIDE
- Completed Sub Area Name: Not reported
- Completed Document Type: Inventory Project Report (INPR)
- Completed Date: 05/26/1999
- Comments: Not reported

- Future Area Name: Not reported
- Future Sub Area Name: Not reported
- Future Document Type: Not reported
- Future Due Date: Not reported
- Schedule Area Name: Not reported
- Schedule Sub Area Name: Not reported
- Schedule Document Type: Not reported
- Schedule Due Date: Not reported
- Schedule Revised Date: Not reported

UST:
- Facility ID: 25132
- Permitting Agency: LOS ANGELES, CITY OF
- Latitude: 34.023
- Longitude: -118.32982

- Facility ID: FA0001256
- Permitting Agency: Los Angeles City Fire Department
- Latitude: 34.02294
- Longitude: -118.32978

SWEEPS UST:
- Status: Active
- Comp Number: 779
- Number: 1
- Board Of Equalization: 44-011410
- Referral Date: 03-04-93
- Action Date: 03-15-94
- Created Date: 02-29-88
- Owner Tank Id: Not reported
- SWRCB Tank Id: 19-050-000779-000001
- Tank Status: A
- Capacity: 12000
- Active Date: 04-20-88
- Tank Use: M.V. FUEL
- STG: P
- Content: REG UNLEADED
- Number Of Tanks: 3

- Status: Active
- Comp Number: 779
- Number: 1
- Board Of Equalization: 44-011410
- Referral Date: 03-04-93
- Action Date: 03-15-94
- Created Date: 02-29-88
- Owner Tank Id: Not reported
- SWRCB Tank Id: 19-050-000779-000002
- Tank Status: A

SO CAL GAS (CRENSHAW BASE) (Continued) **U003781428**

Capacity:	Not reported
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported
Status:	Active
Comp Number:	779
Number:	1
Board Of Equalization:	44-011410
Referral Date:	03-04-93
Action Date:	03-15-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-000779-000003
Tank Status:	A
Capacity:	550
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

K91 **36TH ST** **HIST UST** **U001560760**
East **3124 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.237 mi.
1251 ft. **Site 4 of 7 in cluster K**

Relative: **Higher**

Actual: **118 ft.**

HIST UST:

File Number:	000286B6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000286B6.pdf
Region:	STATE
Facility ID:	00000007476
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Contact Name:	LOREN GREEN
Telephone:	2136893160
Owner Name:	SOUTHERN CALIF. GAS COMPANY
Owner Address:	BOX 3249 TERMINAL ANNEX
Owner City,St,Zip:	LOS ANGELES, CA 90051
Total Tanks:	0001
Tank Num:	001
Container Num:	DMEU202
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	5
Container Construction Thickness:	.25
Leak Detection:	None
Tank Num:	001
Container Num:	DMEU202
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	WASTE

36TH ST (Continued) **U001560760**

Type of Fuel: 5
Container Construction Thickness: .25
Leak Detection: None

Click here for Geo Tracker PDF:

K92 **S CALIFORNIA GAS CO** **RCRA-SQG 1000880945**
East **3124 W 36TH ST** **FINDS CAD981422074**
1/8-1/4 **LOS ANGELES, CA 90051** **ECHO**
0.237 mi.
1251 ft. **Site 5 of 7 in cluster K**

Relative:
Higher

Actual:
118 ft.

RCRA-SQG:
Date form received by agency: 08/05/1993
Facility name: S CALIFORNIA GAS CO
Facility address: 3124 W 36TH ST
LOS ANGELES, CA 90051-1249
EPA ID: CAD981422074
Mailing address: PO BOX 3249 ML 27B1
LOS ANGELES, CA 90051-1249
Contact: WILLIAM HULEIS
Contact address: PO BOX 3249 ML 27B1
LOS ANGELES, CA 90051-1249
Contact country: US
Contact telephone: 213-244-5818
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: S CALIFORNIA GAS CO
Owner/operator address: BOX 3249 ML 27B1
LOS ANGELES, CA 90051
Owner/operator country: Not reported
Owner/operator telephone: 213-244-5818
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

S CALIFORNIA GAS CO (Continued) **1000880945**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/13/1990
Site name: SOUTHERN CALIFORNIA GAS CO.-CRENSHAW
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002700435

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000880945
Registry ID: 110002700435
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002700435

K93 **36TH ST.** **HIST UST** **U001560761**
East **3124 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.237 mi.
1251 ft. **Site 6 of 7 in cluster K**

Relative: **Higher**

Actual: **118 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000007475
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Contact Name:	LOREN GREEN
Telephone:	2136893160
Owner Name:	SOUTHERN CALIF. GAS COMPANY
Owner Address:	BOX 3249 TERMINAL ANNEX
Owner City,St,Zip:	LOS ANGELES, CA 90051
Total Tanks:	0003
Tank Num:	001
Container Num:	DMEU200
Year Installed:	1983
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	1
Container Construction Thickness:	.25
Leak Detection:	None
Tank Num:	002
Container Num:	DMEU201
Year Installed:	1984
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	0
Container Construction Thickness:	6
Leak Detection:	None
Tank Num:	003
Container Num:	DMEU204
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	4
Container Construction Thickness:	.25
Leak Detection:	None

K94 **SO CAL GAS COMPANY** **CA FID UST** **S101585202**
East **3124 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.237 mi.
1251 ft. **Site 7 of 7 in cluster K**

Relative: **Higher**

Actual: **118 ft.**

CA FID UST:

Facility ID:	19020949
Regulated By:	UTNKA
Regulated ID:	00007475
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132608111

SO CAL GAS COMPANY (Continued) **S101585202**

Mail To:	Not reported
Mailing Address:	P O BOX 3249 TERMINA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

O95 **MORSE AL AUTOMOTIVE SERVICE** **EDR Hist Auto** **1021214740**
NW **3900 W JEFFERSON** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.237 mi.
1253 ft. **Site 1 of 3 in cluster O**

Relative: EDR Hist Auto
Lower

Actual: **109 ft.**

Year:	Name:	Type:
1969	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1970	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1971	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1972	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1973	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1974	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1975	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1976	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1977	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1978	MORSE AL AUTOMOTIVE SERVICE	Gasoline Service Stations
1993	JELKS RODERICK	General Automotive Repair Shops
1994	JELKS RODERICK	General Automotive Repair Shops
1995	JELKS RODERICK	General Automotive Repair Shops
1996	JELKS RODERICK	General Automotive Repair Shops
1997	JELKS RODERICK	General Automotive Repair Shops
1998	JELKS RODERICK	General Automotive Repair Shops
1999	JELKS RODERICK	General Automotive Repair Shops
2001	CHOTO AUTO REPAIR INC	General Automotive Repair Shops
2001	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2002	CHOTO AUTO REPAIR INC	General Automotive Repair Shops
2002	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2003	CHOTO AUTO REPAIR INC	General Automotive Repair Shops
2003	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2004	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2004	CHOTO AUTO REPAIR INC	General Automotive Repair Shops
2005	CHOTO AUTO REPAIR INC	General Automotive Repair Shops
2005	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2006	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2007	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2008	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops
2009	MAX & PETER TRANSMISSION	Automotive Transmission Repair Shops

O96 **CITY OF LOS ANGELES COMMUNITY REDEVELOPMENT AGENCY** **LUST** **S110819242**
NW **3900 JEFFERSON BLVD, WEST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.237 mi.
1253 ft. **Site 2 of 3 in cluster O**

Relative:
Lower

Actual:
109 ft.

LUST:

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002997
Global Id:	T10000002997
Latitude:	34.0253533075975
Longitude:	-118.338681812411
Status:	Completed - Case Closed
Status Date:	08/07/2017
Case Worker:	JC
RB Case Number:	900160407
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	TT
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Not reported

LUST:

Global Id:	T10000002997
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T10000002997
Contact Type:	Regional Board Caseworker
Contact Name:	JOSHUA CWIKLA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	LOS ANGELES
Email:	joshua.cwikla@waterboards.ca.gov
Phone Number:	2135766713

LUST:

Global Id:	T10000002997
Action Type:	ENFORCEMENT
Date:	08/07/2017
Action:	Closure/No Further Action Letter

Global Id:	T10000002997
Action Type:	RESPONSE
Date:	05/22/2017
Action:	Site Assessment Report

Global Id:	T10000002997
Action Type:	Other
Date:	04/14/2011
Action:	Leak Reported

CITY OF LOS ANGELES COMMUNITY REDEVELOPMENT AGENCY (Continued) **S110819242**

Global Id: T10000002997
Action Type: RESPONSE
Date: 02/06/2017
Action: Other Report / Document

Global Id: T10000002997
Action Type: RESPONSE
Date: 09/23/1997
Action: Other Report / Document

Global Id: T10000002997
Action Type: ENFORCEMENT
Date: 05/25/2017
Action: Notification - Preclosure

Global Id: T10000002997
Action Type: ENFORCEMENT
Date: 02/22/2017
Action: Staff Letter

Global Id: T10000002997
Action Type: ENFORCEMENT
Date: 08/04/2010
Action: Notice of Violation - #201014

Global Id: T10000002997
Action Type: ENFORCEMENT
Date: 03/18/2015
Action: Referral to Regional Board

Global Id: T10000002997
Action Type: RESPONSE
Date: 02/04/2014
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T10000002997
Action Type: ENFORCEMENT
Date: 04/24/2015
Action: Staff Letter

Global Id: T10000002997
Action Type: RESPONSE
Date: 04/06/2017
Action: Soil and Water Investigation Report

Global Id: T10000002997
Action Type: RESPONSE
Date: 07/15/2015
Action: Preliminary Site Assessment Workplan - Regulator Responded

LUST:
Global Id: T10000002997
Status: Completed - Case Closed
Status Date: 08/07/2017

Global Id: T10000002997
Status: Open - Case Begin Date

CITY OF LOS ANGELES COMMUNITY REDEVELOPMENT AGENCY (Continued) **S110819242**

Status Date: 04/14/2011

Global Id: T10000002997
Status: Open - Eligible for Closure
Status Date: 07/30/2013

Global Id: T10000002997
Status: Open - Eligible for Closure
Status Date: 11/19/2014

Global Id: T10000002997
Status: Open - Site Assessment
Status Date: 04/25/2011

Global Id: T10000002997
Status: Open - Site Assessment
Status Date: 11/05/2014

Global Id: T10000002997
Status: Open - Site Assessment
Status Date: 03/04/2015

Global Id: T10000002997
Status: Open - Site Assessment
Status Date: 03/18/2015

O97 **FLIPPER T FAIRCHILD** **SWEEPS UST** **S101587549**
NW **3900 W JEFFERSON BLVD** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.237 mi.
1253 ft. **Site 3 of 3 in cluster O**

Relative:
Lower

Actual:
109 ft.

SWEEPS UST:
Status: Active
Comp Number: 4320
Number: 2
Board Of Equalization: Not reported
Referral Date: 02-25-93
Action Date: 04-27-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19055748
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported

FLIPPER T FAIRCHILD (Continued) **S101587549**

Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	3900 W JEFFERSON BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

L98 **MILLER RAY** **EDR Hist Auto** **1009079045**
NNE **3501 W JEFFERSON BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.238 mi.
1257 ft. **Site 3 of 3 in cluster L**

Relative: EDR Hist Auto
Higher

Actual:
113 ft.

Year:	Name:	Type:
1929	SPANGLER W L	GASOLINE AND OIL SERVICE STATION
1933	SPANGLER W L	GASOLINE AND OIL SERVICE STATIONS
1937	SPANLER W L	GASOLINE AND OIL SERVICE STATIONS
1942	MILLER RAY	GASOLINE AND OIL SERVICE STATIONS

P99 **LULA WASHINGTON DANCE STUDIO** **LUST** **S100852869**
South **3773 CRENSHAW BLVD** **N/A**
1/4-1/2 **LOS ANGELES, CA 90016**
0.267 mi.
1409 ft. **Site 1 of 2 in cluster P**

Relative: LUST:
Higher

Actual:
113 ft.

Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001120
Global Id:	T10000001120
Latitude:	34.0179793236204
Longitude:	-118.335700929165
Status:	Completed - Case Closed
Status Date:	11/21/2011
Case Worker:	EL
RB Case Number:	Not reported
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	12625
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

LUST:

Global Id:	T10000001120
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780

LULA WASHINGTON DANCE STUDIO (Continued) **S100852869**

City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T10000001120
Action Type: Other
Date: 05/18/1995
Action: Leak Reported

Global Id: T10000001120
Action Type: Other
Date: 04/15/1995
Action: Leak Discovery

Global Id: T10000001120
Action Type: ENFORCEMENT
Date: 11/21/2011
Action: Closure/No Further Action Letter

LUST:
Global Id: T10000001120
Status: Completed - Case Closed
Status Date: 11/21/2011

Global Id: T10000001120
Status: Open - Case Begin Date
Status Date: 04/15/1995

Global Id: T10000001120
Status: Open - Remediation
Status Date: 08/07/2007

P100 **LULA WASHINGTON DANCE THEATRE** **US BROWNFIELDS** **1016345655**
South **3773 S. CRENSHAW BOULEVARD** **FINDS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90016**
0.267 mi.
1409 ft. **Site 2 of 2 in cluster P**

Relative: US BROWNFIELDS:
Higher
Actual: Property Name: LULA WASHINGTON DANCE THEATRE
113 ft. Recipient Name: Lula Washington Contemporary Dance Foundation
Grant Type: Cleanup
Property Number: 5045-018-035, 036, 043
Parcel size: .54
Latitude: 34.0184
Longitude: -118.33514
HCM Label: Address Matching-House Number
Map Scale: 1:24,000
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: World Geodetic System of 1984
Acres Property ID: 15201
IC Data Access: Not reported
Start Date: 05/10/2004 00:00:00
Redev Completition Date: Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	100000
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	100000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	EPA UST Field Pilot
Cleanup Funding Entity:	EPA LUST Funding
Grant Type:	N/A
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	09/29/2003 00:00:00
Ownership Entity:	Private
Completion Date:	05/10/2004 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%

Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	100000
Cleanup Funding Source:	Other Federal Funding
Assessment Funding:	1
Assessment Funding Source:	Private/Other Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	US Bank
Cleanup Funding Entity:	EPA LUST Funding via SWRCB
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	06/01/2001 00:00:00
Ownership Entity:	Private
Completion Date:	06/20/2001 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%

Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	100000
Cleanup Funding Source:	Other Federal Funding
Assessment Funding:	60000
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	EPA LUST Funding via SWRCB
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	06/01/2001 00:00:00
Ownership Entity:	Private
Completion Date:	06/20/2001 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%
Property Name:	LULA WASHINGTON DANCE THEATRE

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	100000
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	60000
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	EPA LUST Funding
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	06/01/2001 00:00:00
Ownership Entity:	Private
Completion Date:	06/20/2001 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%

Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	200000
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	60000
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	EPA
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	06/01/2001 00:00:00
Ownership Entity:	Private

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Completion Date:	06/20/2001 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%
Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	100000
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	1
Assessment Funding Source:	Private/Other Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	US Bank
Cleanup Funding Entity:	EPA LUST Funding
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	06/01/2001 00:00:00
Ownership Entity:	Private
Completion Date:	06/20/2001 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%
Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	200000
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	100000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	EPA UST Field Pilot
Cleanup Funding Entity:	EPA
Grant Type:	N/A
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	09/29/2003 00:00:00
Ownership Entity:	Private
Completion Date:	05/10/2004 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%
Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	200000

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	1
Assessment Funding Source:	Private/Other Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	US Bank
Cleanup Funding Entity:	EPA
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	06/01/2001 00:00:00
Ownership Entity:	Private
Completion Date:	06/20/2001 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%
Property Name:	LULA WASHINGTON DANCE THEATRE
Recipient Name:	Lula Washington Contemporary Dance Foundation
Grant Type:	Cleanup
Property Number:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	15201
IC Data Access:	Not reported
Start Date:	05/10/2004 00:00:00
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	100000
Cleanup Funding Source:	Other Federal Funding
Assessment Funding:	100000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	05/10/2004 00:00:00
Assessment Funding Entity:	EPA UST Field Pilot
Cleanup Funding Entity:	EPA LUST Funding via SWRCB
Grant Type:	N/A
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97971601
Start Date:	09/29/2003 00:00:00
Ownership Entity:	Private
Completion Date:	05/10/2004 00:00:00
Current Owner:	Lula Washington Dance Theatre
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	Y
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1016345655**

Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).
Below Poverty Number:	867
Below Poverty Percent:	15.6%
Meidan Income:	12637
Meidan Income Number:	1617
Meidan Income Percent:	29.1%
Vacant Housing Number:	77
Vacant Housing Percent:	3.1%
Unemployed Number:	380
Unemployed Percent:	6.8%

FINDS:

Registry ID: 110038697568

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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101 ESE 1/4-1/2 0.332 mi. 1755 ft. **STELLA MIDDLE CHARTER ACADEMY** **ENVIROSTOR S117038740**
2905 EXPOSITION PLACE **SCH N/A**
LOS ANGELES, CA 90018

Relative: Higher

Actual: 120 ft.

ENVIROSTOR:

Facility ID:	60002102
Status:	No Further Action
Status Date:	01/26/2015
Site Code:	404903
Site Type:	School Investigation
Site Type Detailed:	School

STELLA MIDDLE CHARTER ACADEMY (Continued) **S117038740**

Acres:	3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Xihong (Scarlett) Zhai
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.02063
Longitude:	-118.3279
APN:	5044-011-023, 5044-011-024
Past Use:	ABOVE GROUND STORAGE TANKS, UNDERGROUND STORAGE TANKS
Potential COC:	Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL Ethylbenzene Toluene Xylenes
Confirmed COC:	30001-NO 30003-NO 30013-NO 30024-NO 30025-NO 30272-NO 30593-NO 30550-NO 3002502-NO
Potential Description:	SOIL, SV
Alias Name:	5044-011-023
Alias Type:	APN
Alias Name:	5044-011-024
Alias Type:	APN
Alias Name:	404903
Alias Type:	Project Code (Site Code)
Alias Name:	60002102
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	09/19/2014
Comments:	RP submitted EOP application via email and fax on 09/16/14.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	10/09/2014
Comments:	The DTSC letter on October 9th, 2014 gives conditional approval of this workplan. The revised version satisfies the approval conditions.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	01/26/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/15/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

STELLA MIDDLE CHARTER ACADEMY (Continued) **S117038740**

Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/23/2014
Comments:	Fully executed EOA sent (FedEx) to Bright Star Education Group.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	60002102
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Xihong (Scarlett) Zhai
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404903
Assembly:	54
Senate:	30
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/26/2015
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	34.02063
Longitude:	-118.3279
APN:	5044-011-023, 5044-011-024
Past Use:	ABOVE GROUND STORAGE TANKS, UNDERGROUND STORAGE TANKS
Potential COC:	Arsenic, Benzene, Lead, TPH-diesel, TPH-gas, TPH-MOTOR OIL, Ethylbenzene, Toluene, Xylenes
Confirmed COC:	30001-NO, 30003-NO, 30013-NO, 30024-NO, 30025-NO, 30272-NO, 30593-NO, 30550-NO, 3002502-NO
Potential Description:	SOIL, SV
Alias Name:	5044-011-023
Alias Type:	APN
Alias Name:	5044-011-024
Alias Type:	APN
Alias Name:	404903
Alias Type:	Project Code (Site Code)
Alias Name:	60002102
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

STELLA MIDDLE CHARTER ACADEMY (Continued) **S117038740**

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 09/19/2014
Comments: RP submitted EOP application via email and fax on 09/16/14.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/09/2014
Comments: The DTSC letter on October 9th, 2014 gives conditional approval of this workplan. The revised version satisfies the approval conditions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 09/23/2014
Comments: Fully executed EOA sent (FedEx) to Bright Star Education Group.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Q102 **PEERLESS SUEDE & LEATHER** **RCRA-SQG** **1000364198**
NE **3115 W JEFFERSON AVE** **LUST** **CAD981974736**
1/4-1/2 **LOS ANGELES, CA 90018** **FINDS**
0.350 mi. **ECHO**
1847 ft. **Site 1 of 2 in cluster Q**

Relative: **Higher**
Actual: **119 ft.**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: PEERLESS SUEDE & LEATHER
Facility address: 3115 W JEFFERSON AVE
LOS ANGELES, CA 90018
EPA ID: CAD981974736
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported

PEERLESS SUEDE & LEATHER (Continued) **1000364198**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ALBERT MARINUCCI
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 05/04/1987
Site name: PEERLESS SUEDE & LEATHER
Classification: Large Quantity Generator

PEERLESS SUEDE & LEATHER (Continued) **1000364198**

Violation Status: No violations found

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900180043	
Status:	Case Closed	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700603	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		8/23/1991
Date Leak Record Entered:	8/20/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		11/28/1997
Date the Case was Closed:		4/24/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #082891-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7259.58942055115244796184822
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		9/13/1991
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PEERLESS SUEDE & LEATHER	
RP Address:	11600 DUNSTAN WAY, LOS ANGELES, 90049	
Program:	LUST	
Lat/Long:	34.0257231 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	

PEERLESS SUEDE & LEATHER (Continued) **1000364198**

Suspended: Not reported
Assigned Name: Not reported
Summary: 05/09/97 - REC'D LOC LETTER

FINDS:

Registry ID: 110002761547

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000364198
Registry ID: 110002761547
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002761547

Q103 **PEERLESS SUEDE & LEATHER** **LUST** **S111760328**
NE **3115 JEFFERSON BLVD W** **N/A**
1/4-1/2 **JEFFERSON PARK, CA 90018**
0.350 mi.
1847 ft. **Site 2 of 2 in cluster Q**

Relative: Higher
Actual: 119 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700603
Global Id: T0603700603
Latitude: 34.0257231
Longitude: -118.3294682
Status: Completed - Case Closed
Status Date: 04/24/1997
Case Worker: YR
RB Case Number: 900180043
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603700603
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780

PEERLESS SUEDE & LEATHER (Continued) **S111760328**

City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700603
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700603
Action Type: Other
Date: 08/23/1991
Action: Leak Reported

LUST:
Global Id: T0603700603
Status: Completed - Case Closed
Status Date: 04/24/1997

Global Id: T0603700603
Status: Open - Case Begin Date
Status Date: 08/23/1991

Global Id: T0603700603
Status: Open - Site Assessment
Status Date: 09/13/1991

R104 **BOYD PETERSON** **LUST S100927182**
South **3833 CRENSHAW BLVD** **HIST CORTESE N/A**
1/4-1/2 **CRENSHAW, CA 90008**
0.374 mi.
1975 ft. **Site 1 of 2 in cluster R**

Relative: **Higher**
Actual: **113 ft.**

LUST:
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700483
Global Id: T0603700483
Latitude: 34.0163194
Longitude: -118.3355022
Status: Completed - Case Closed
Status Date: 10/10/1989
Case Worker: EL
RB Case Number: 900080052
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

BOYD PETERSON (Continued) **S100927182**

LUST:
Global Id: T0603700483
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700483
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700483
Action Type: Other
Date: 07/05/1989
Action: Leak Reported

Global Id: T0603700483
Action Type: Other
Date: 07/05/1989
Action: Leak Discovery

LUST:
Global Id: T0603700483
Status: Completed - Case Closed
Status Date: 10/10/1989

Global Id: T0603700483
Status: Open - Case Begin Date
Status Date: 07/05/1989

Global Id: T0603700483
Status: Open - Site Assessment
Status Date: 07/05/1989

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900080052

R105 **BOYD PETERSON** **LUST** **S105051384**
South **3833 CRENSHAW BLVD** **N/A**
1/4-1/2 **CRENSHAW, CA 90008**
0.374 mi.
1975 ft. **Site 2 of 2 in cluster R**

Relative: **Higher**

Actual: **113 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900080052	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700483	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	COLISEUM PL	
Enforcement Type:	Not reported	
Date Leak Discovered:	7/5/1989	
Date Leak First Reported:		7/5/1989
Date Leak Record Entered:	12/10/1991	
Date Confirmation Began:	7/5/1989	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/12/1991
Date the Case was Closed:		10/10/1989
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	UNK	
Operator:	PETERSON, WIGHT	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3643.669741511414546263657715 5
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PETERSON, BOYD INC.	
RP Address:	312 CAMINO DE LOS COLINAS, REDONDO BEACH, CA 90277	
Program:	LUST	
Lat/Long:	34.0163194 / -1	
Local Agency Staff:	PEJ	

BOYD PETERSON (Continued) **S105051384**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

106
South
1/4-1/2
0.430 mi.
2273 ft.

ANGELUS FUNERAL HOME **LUST S102424017**
3875 CRENSHAW BLVD **HAZNET N/A**
LOS ANGELES, CA 90080 **HIST CORTESE**

Relative:
Higher

Actual:
113 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701238
Global Id: T0603701238
Latitude: 34.0152604
Longitude: -118.3354762
Status: Completed - Case Closed
Status Date: 01/11/1995
Case Worker: YR
RB Case Number: 900800016
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603701238
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603701238
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603701238
Action Type: Other
Date: 05/21/1993
Action: Leak Reported

Global Id: T0603701238
Action Type: Other

ANGELUS FUNERAL HOME (Continued) **S102424017**

Date: 12/01/1991
Action: Leak Discovery

LUST:
Global Id: T0603701238
Status: Completed - Case Closed
Status Date: 01/11/1995

Global Id: T0603701238
Status: Open - Case Begin Date
Status Date: 12/01/1991

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900800016
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603701238
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: 039TH ST
Enforcement Type: Not reported
Date Leak Discovered: 12/1/1991
Date Leak First Reported: 5/21/1993
Date Leak Record Entered: 7/15/1993
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/11/1995
Date the Case was Closed: 1/11/1995
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 3257.74243336555103821134633 05
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported

ANGELUS FUNERAL HOME (Continued) **S102424017**

Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: ANGELUS FUNERAL HOME
RP Address: 3875 CRENSHAW BLVD, LOS ANGELES, CA 90008
Program: LUST
Lat/Long: 34.0152604 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HAZNET:
envid: S102424017
Year: 2013
GEPAID: CAC002751903
Contact: ANGELUS FUNERAL HOME
Telephone: 2139231443
Mailing Name: Not reported
Mailing Address: 3875 CRENSHAW BLVD
Mailing City,St,Zip: LOS ANGELES, CA 90008
Gen County: Los Angeles
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900800016

107
West
1/2-1
0.567 mi.
2992 ft.

Relative:
Lower

Actual:
105 ft.

LAUSD-DORSEY HIGH SCHOOL
3537 FARMDALE AVE
LOS ANGELES, CA 90016

RCRA-LQG **1000427666**
ENVIROSTOR **CAD982037749**
SCH
FINDS
ECHO
NPDES
CIWQS

RCRA-LQG:
Date form received by agency: 01/29/2008
Facility name: LAUSD-DORSEY HIGH SCHOOL
Facility address: 3537 FARMDALE AVENUE
LOS ANGELES, CA 90016
EPA ID: CAD982037749

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Mailing address: 333 S BEAUDRY AVE, 20TH FLOOR
LOS ANGELES, CA 90017
Contact: SOE AUNG
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 213-241-3199
Contact email: SOE.AUNG@LAUSD.NET
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LA USD
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address: 333 S BEAUDRY AVE, 20TH FLOOR
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 06/17/1988
Owner/Op end date: Not reported

Owner/operator name: LAUSD-DORSEY HIGH SCHOOL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 06/17/1988
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 09/16/1987
Site name: LA USD DORSEY HIGH SCHOOL
Classification: Small Quantity Generator

Violation Status: No violations found

ENVIROSTOR:
Facility ID: 60001319
Status: Certified
Status Date: 10/19/2011
Site Code: 304631
Site Type: School Cleanup
Site Type Detailed: School
Acres: 1.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 54
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.023
Longitude: -118.3461
APN: 5046-013-901
Past Use: RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC: Chlordane TPH-diesel TPH-MOTOR OIL
Confirmed COC: Chlordane TPH-diesel TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: 5046-013-901
Alias Type: APN
Alias Name: 304631
Alias Type: Project Code (Site Code)
Alias Name: 60001319
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/21/2010
Comments: DTSC approved the Phase I with a Further Action PEA Required determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 08/04/2010
Comments: DTSC conditionally approved the scoping document with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/28/2010
Comments: DTSC approved the PEA with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/23/2010
Comments: DTSC approved the Removal Action Workplan for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/09/2010
Comments: DTSC approved the fact sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Completed Date:	11/17/2010
Comments:	DTSC prepared a community profile
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	11/09/2010
Comments:	DTSC approved the public notice
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/19/2011
Comments:	DTSC approved the Removal Action Completion Report worth with a No Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	02/09/2011
Comments:	DTSC conditionally approved the SSI TM
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/07/2011
Comments:	DTSC approved the soil gas SSI with a No Further Action determination for soil gas. RAW activities for OCPs and TPH are still required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	12/23/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/16/2010
Comments:	Rec'd fully executed agreement
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/19/2011
Comments:	DTSC prepared a project close out cost recovery unit memorandum
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	10/19/2011
Comments:	DTSC certified that the response action according to the DTSC-approved RAW is complete
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 60000619
Status: Inactive - Needs Evaluation
Status Date: 12/29/2008
Site Code: 304561
Site Type: School Investigation
Site Type Detailed: School
Acres: 2.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 54
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.02284
Longitude: -118.3477
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: SOIL
Alias Name: 304561
Alias Type: Project Code (Site Code)
Alias Name: 60000619
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2007
Comments: BG information received. Scoping document pending.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/22/2007
Comments: Verbal comments issued on the PEA Scoping Document. A revised PEA Scoping Document will be submitted prior to fieldwork.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 03/27/2008
Schedule Revised Date: Not reported

SCH:

Facility ID: 60000619
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.25
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304561
Assembly: 54
Senate: 30
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 12/29/2008
Restricted Use: NO
Funding: School District
Latitude: 34.02284
Longitude: -118.3477
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: SOIL
Alias Name: 304561
Alias Type: Project Code (Site Code)
Alias Name: 60000619
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2007
Comments: BG information received. Scoping document pending.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/22/2007
Comments: Verbal comments issued on the PEA Scoping Document. A revised PEA Scoping Document will be submitted prior to fieldwork.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 03/27/2008
Schedule Revised Date: Not reported

Facility ID: 60001319
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304631
Assembly: 54
Senate: 30
Special Program Status: Not reported
Status: Certified
Status Date: 10/19/2011
Restricted Use: NO
Funding: School District
Latitude: 34.023
Longitude: -118.3461
APN: 5046-013-901
Past Use: RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC: Chlordane, TPH-diesel, TPH-MOTOR OIL
Confirmed COC: Chlordane, TPH-diesel, TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: 5046-013-901
Alias Type: APN
Alias Name: 304631
Alias Type: Project Code (Site Code)
Alias Name: 60001319
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/21/2010
Comments: DTSC approved the Phase I with a Further Action PEA Required determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 08/04/2010
Comments: DTSC conditionally approved the scoping document with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/28/2010

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Comments:	DTSC approved the PEA with a Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/23/2010
Comments:	DTSC approved the Removal Action Workplan for implementation
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	11/09/2010
Comments:	DTSC approved the fact sheet
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	11/17/2010
Comments:	DTSC prepared a community profile
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	11/09/2010
Comments:	DTSC approved the public notice
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/19/2011
Comments:	DTSC approved the Removal Action Completion Report worth with a No Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	02/09/2011
Comments:	DTSC conditionally approved the SSI TM
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/07/2011
Comments:	DTSC approved the soil gas SSI with a No Further Action determination for soil gas. RAW activities for OCPs and TPH are still required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	12/23/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/16/2010
Comments:	Rec'd fully executed agreement

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/19/2011
Comments: DTSC prepared a project close out cost recovery unit memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/19/2011
Comments: DTSC certified that the response action according to the DTSC-approved RAW is complete

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110002784531

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000427666
Registry ID: 110002784531
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002784531

NPDES:

Facility Status: Not reported
NPDES Number: Not reported

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19C361636
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	08/26/2014
Operator Name:	Los Angeles Unified School District
Operator Address:	333 S Beaudry Ave
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90017

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	412680
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	4 19C361636
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	07/31/2014
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/03/2011
Processed Date:	08/08/2011
Status:	Terminated
Status Date:	08/26/2014
Place Size:	1.89
Place Size Unit:	Acres
Contact:	Michael Darquea
Contact Title:	Owner Authorized Representative
Contact Phone:	323-298-4115
Contact Phone Ext:	Not reported
Contact Email:	michael.darquea@lausd.net
Operator Name:	Los Angeles Unified School District
Operator Address:	333 S Beaudry Ave

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90017
Operator Contact:	Russel McCarley
Operator Contact Title:	Project Manager
Operator Contact Phone:	213-241-6459
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	russel.mccarley@lausd.net
Operator Type:	State Agency
Developer:	Pinner Construction
Developer Address:	1255 S Lewis Street
Developer City:	Anaheim
Developer State:	California
Developer Zip:	92805
Developer Contact:	Terry Wood
Developer Contact Title:	PM
Constype Linear Utility Ind:	N
Emergency Phone:	213-220-5821
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Public High School Redevelopment
Constype Other Ind:	Y
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Talal Balaa
Certifier Title:	Not reported
Certification Date:	03-AUG-11
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Agency:	Los Angeles Unified School District
Agency Address:	333 S Beaudry Ave 22 Floor, Los Angeles , CA 90017
Place/Project Type:	Construction - Other: Public High School Redevelopment
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 19C361636
NPDES Number:	CAS000002

LAUSD-DORSEY HIGH SCHOOL (Continued) **1000427666**

Adoption Date:	Not reported
Effective Date:	08/08/2011
Termination Date:	07/31/2014
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.022843
Longitude:	-118.347786

108
NE
1/2-1
0.836 mi.
4416 ft.

GRACE HOUSE FOSTER YOUTH PROGRAM **ENVIROSTOR** **S118756609**
3726 WEST ADAMS BOULEVARD **N/A**
LOS ANGELES, CA 90018

Relative:
Higher

Actual:
191 ft.

ENVIROSTOR:

Facility ID:	19830007
Status:	No Action Required
Status Date:	01/31/1995
Site Code:	300509
Site Type:	Calmortgage
Site Type Detailed:	Calmortgage
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Sandra Karinen
Supervisor:	William Beckman
Division Branch:	Cleanup Sacramento
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	CalMortgage
Latitude:	34.03214
Longitude:	-118.3257
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	300509
Alias Type:	Project Code (Site Code)
Alias Name:	19830007
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	01/31/1995
Comments:	Pursuant to the MOU, DTSC has prepared a Phase I Environmental Assessment for the Grace House Foster Youth Program (GHFYP). The

GRACE HOUSE FOSTER YOUTH PROGRAM (Continued) **S118756609**

subject property, a large multi-story house, is proposed to be remodeled for use as a residential treatment home for teenagers to be owned and operated by GHFYP. A Phase I Report was prepared by DTSC and concluded that no action was needed for this property; there is no contamination on the property.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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109 WSW 1/2-1 0.946 mi. 4993 ft.

AAA BATTERY 95 **ENVIROSTOR** **S107735781**
N/A

LOS ANGELES, CA

Relative: Higher

Actual: 125 ft.

ENVIROSTOR:

Facility ID:	80000277
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.01666
Longitude:	-118.3516
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Explosives (UXO, MEC
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F547500
Alias Type:	Federal Facility ID
Alias Name:	J09CA0415
Alias Type:	INPR
Alias Name:	80000277
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported

AAA BATTERY 95 (Continued) **S107735781**

Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CRENSHAW	S113171384	SO CAL GAS CRENSHAW RECEIVER	CRENSHAW BLVD AND 104TH ST	90016	HAZNET
LOS ANGELES	S120027660	CRENSHAW/LAX TRANSIT CORRIDOR PROJ	ADJACENT TO THE INTERSECTION O		CIWQS
LOS ANGELES	S114607746	CRENSHAW VILLAGE	12730 CRENSHAW BLVD		RGA LUST
LOS ANGELES	S118938889	LOS ANGELES COUNTY MTA CRENSHAW LA	CRENSHAW BLVD & RODEO RD INTER	90018	HAZNET
LOS ANGELES	1023687048	CRENSHAW/LAX TRANSIT CORRIDOR PROJ	3646 SOUTH CRENSHAW	90018	FINDS, ECHO

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 43

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/28/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/28/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/08/2018
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 33

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 09/28/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/08/2018
Number of Days to Update: 26

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/03/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 08/28/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 63
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 7
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 27

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/19/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/18/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/09/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 33

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/19/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/04/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/31/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 08/16/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 8

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/18/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 27

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 40

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/21/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 22

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/20/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/26/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/09/2019
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/06/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 11/28/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 29

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 4

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 24
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 30
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 31
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/28/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 42
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 42

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 10

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 12/13/2018
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 09/13/2018
Date Data Arrived at EDR: 09/14/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 5

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/04/2018
Number of Days to Update: 22
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/19/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 17
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 7
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/04/2018
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EXPOSITION/CRENSHAW
3606 & 3510-3644 EXPOSITION BLVD
LOS ANGELES, CA 90016

TARGET PROPERTY COORDINATES

Latitude (North):	34.022092 - 34° 1' 19.53''
Longitude (West):	118.335828 - 118° 20' 8.98''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	376664.1
UTM Y (Meters):	3765215.5
Elevation:	112 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

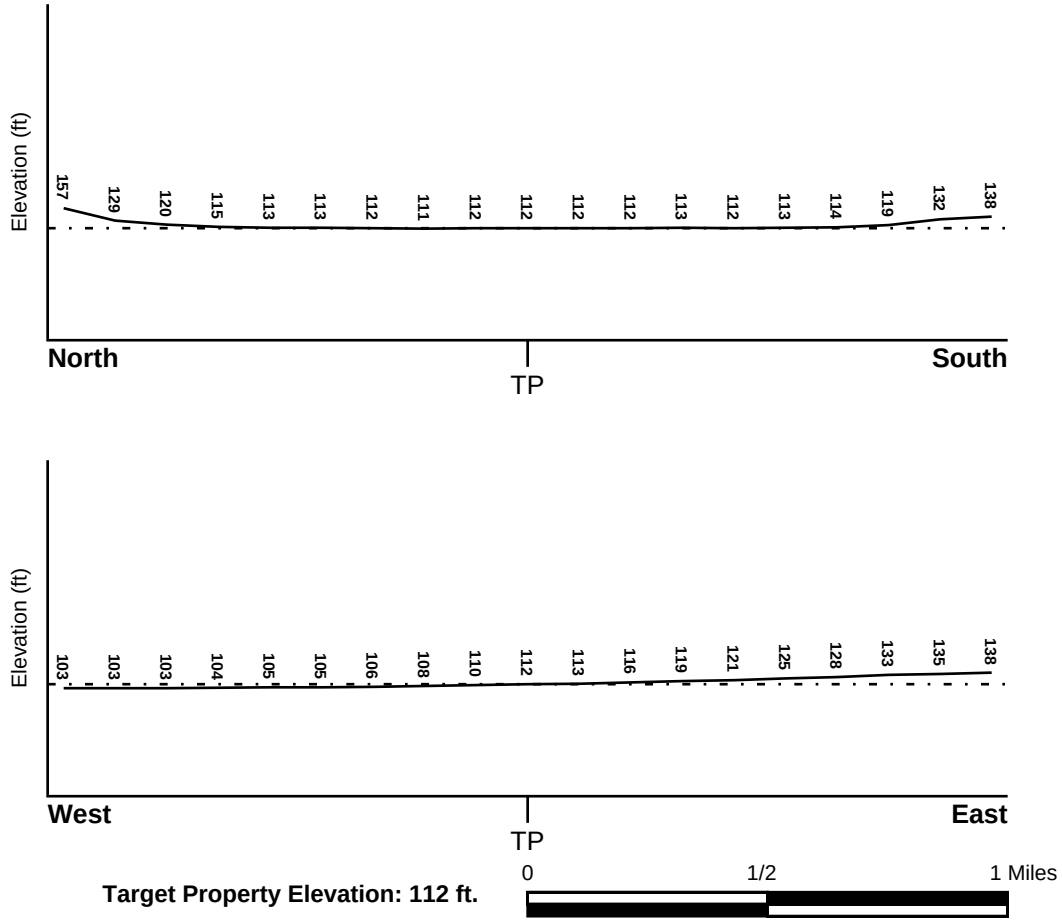
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1615F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1.000 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000205247	1/4 - 1/2 Mile ENE
2	CAOG11000200882	1/2 - 1 Mile NNE
3	CAOG11000205272	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 5533008.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Exposition/Crenshaw	CLIENT:	Ramboll
ADDRESS:	3606 & 3510-3644 Exposition Blvd Los Angeles CA 90016	CONTACT:	Patrick Naffah
		INQUIRY #:	5533008.2s
LAT/LONG:	34.022092 / 118.335828	DATE:	January 14, 2019 10:09 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ENE **OIL_GAS** **CAOG11000205247**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03706321
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	3	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Dublin Corehole	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205247		

2
NNE **OIL_GAS** **CAOG11000200882**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700547
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	3	Township:	02S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Union-Sig-Standard Wash. Bl E.H.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000200882		

3
NNE **OIL_GAS** **CAOG11000205272**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706349
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Union Oil Company of California	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	34	Township:	01S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Las Cienegas Core Hole	Wellnumber:	21

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205272		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90016	6	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

APPENDIX C
HISTORICAL RESEARCH DOCUMENTATION

APPENDIX C.1
TOPOGRAPHIC MAPS

Exposition/Crenshaw

3606 & 3510-3644 Exposition Blvd

Los Angeles, CA 90016

Inquiry Number: 5533008.4

January 14, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/14/19

Site Name:

Exposition/Crenshaw
3606 & 3510-3644 Exposition E
Los Angeles, CA 90016
EDR Inquiry # 5533008.4

Client Name:

Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Patrick Naffah

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ramboll were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: NA

Coordinates:

Latitude:	34.022092 34° 1' 20" North
Longitude:	-118.335828 -118° 20' 9" West
UTM Zone:	Zone 11 North
UTM X Meters:	376666.91
UTM Y Meters:	3765410.01
Elevation:	111.62' above sea level

Maps Provided:

2012	1921
1991	1920
1981	1902
1972	1900
1964, 1966	1898
1952, 1953	1896
1926	1894
1924	

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Hollywood
2012
7.5-minute, 24000

Inglewood
2012
7.5-minute, 24000

1991 Source Sheets

Hollywood
1991
7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets

Inglewood
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Hollywood
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

Inglewood
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Hollywood
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1964, 1966 Source Sheets

Inglewood
1964
7.5-minute, 24000
Aerial Photo Revised 1963

Hollywood
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1952, 1953 Source Sheets

Inglewood
1952
7.5-minute, 24000
Aerial Photo Revised 1947

Hollywood
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1926 Source Sheets

Hollywood
1926
7.5-minute, 24000

1924 Source Sheets

Inglewood
1924
7.5-minute, 24000

Hollywood
1924
7.5-minute, 24000

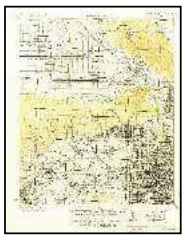
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1921 Source Sheets

Santa Monica
1921
15-minute, 62500

1920 Source Sheets



SANTA MONICA
1920
15-minute, 62500

1902 Source Sheets

Santa Monica
1902
15-minute, 62500

1900 Source Sheets

Los Angeles
1900
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1898 Source Sheets

Santa Monica
1898
15-minute, 62500

1896 Source Sheets

Redondo
1896
15-minute, 62500

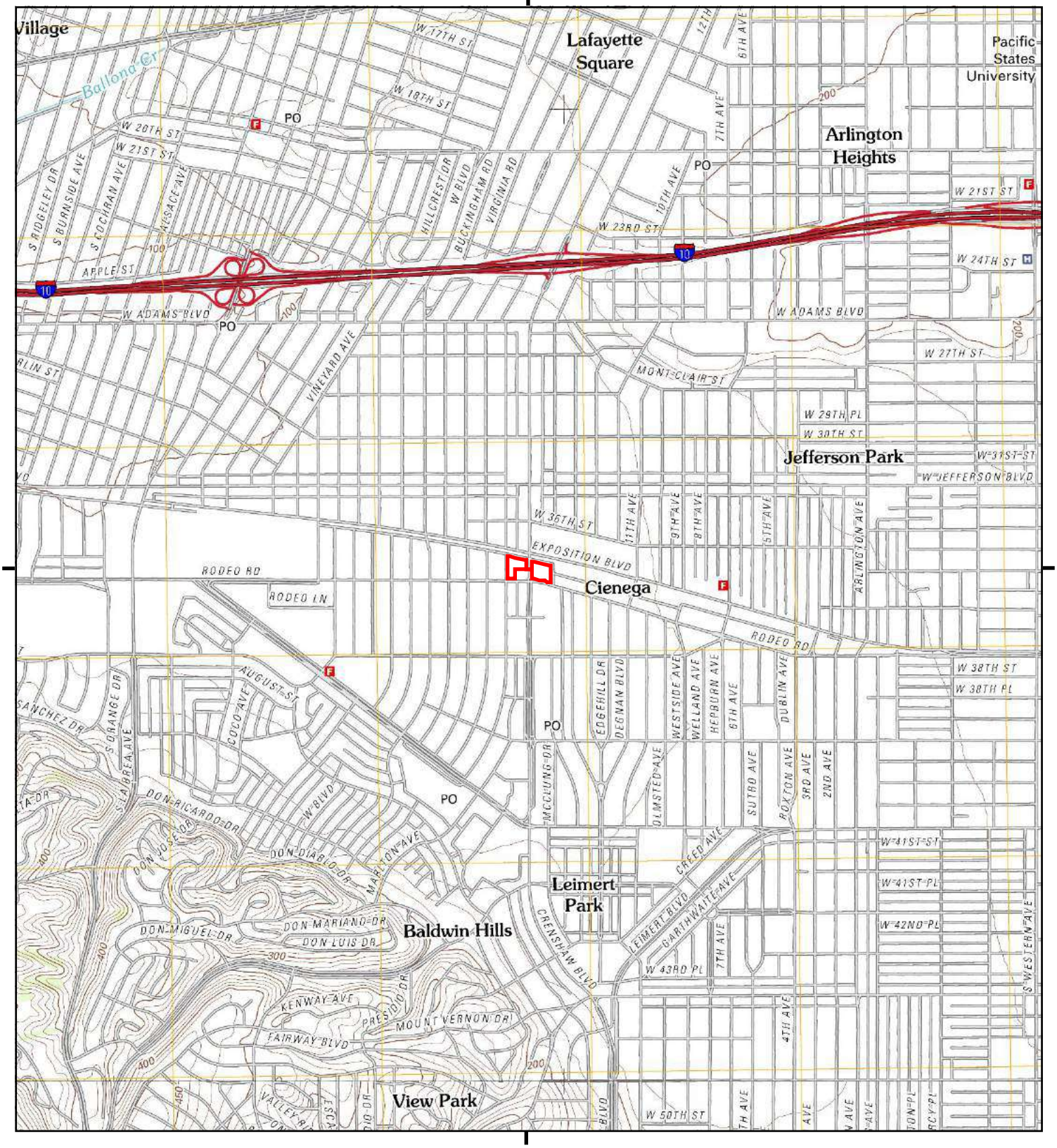
Santa Monica
1896
15-minute, 62500

1894 Source Sheets

Los Angeles
1894
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

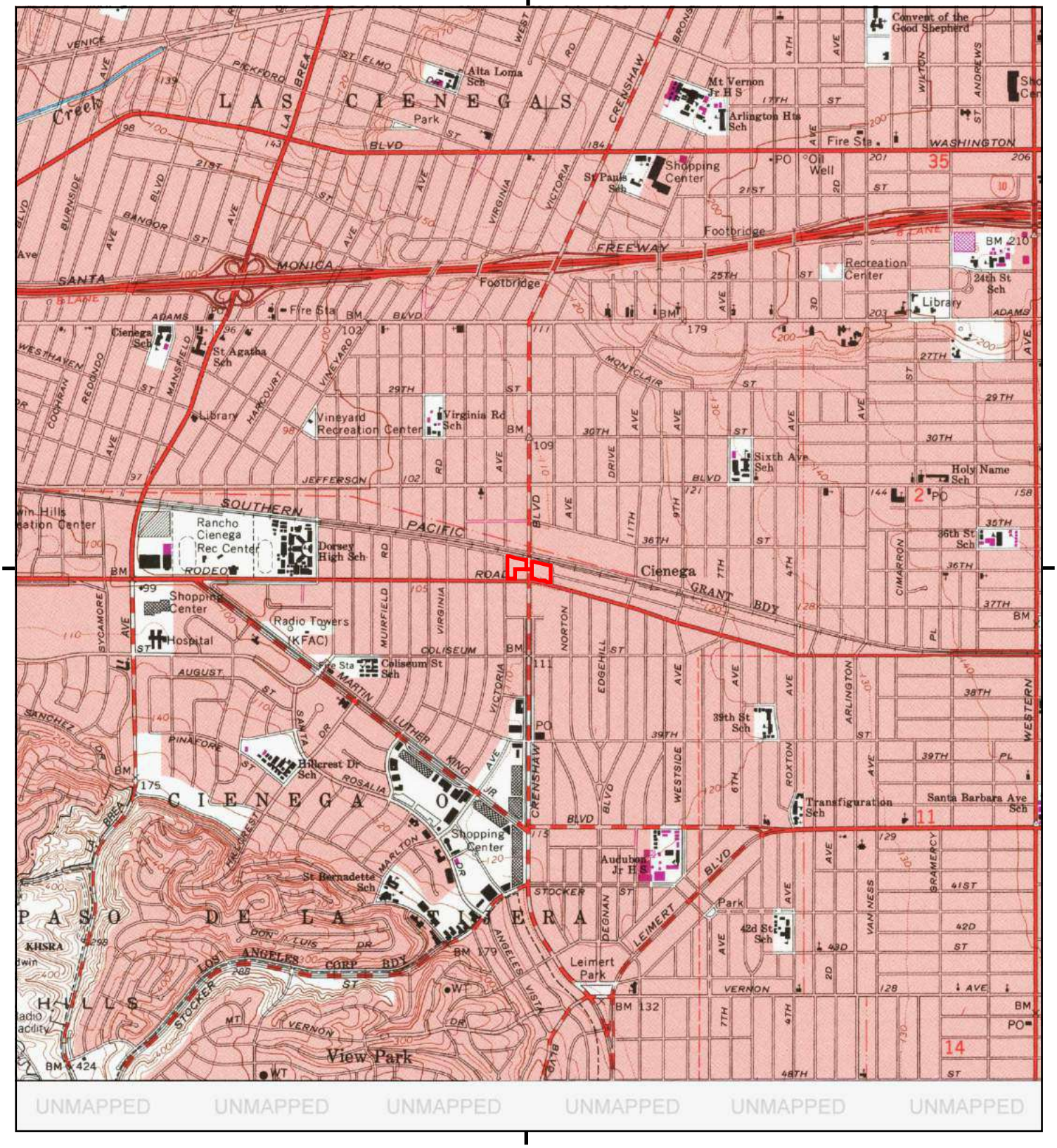
TP, Hollywood, 2012, 7.5-minute
S, Inglewood, 2012, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1991



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

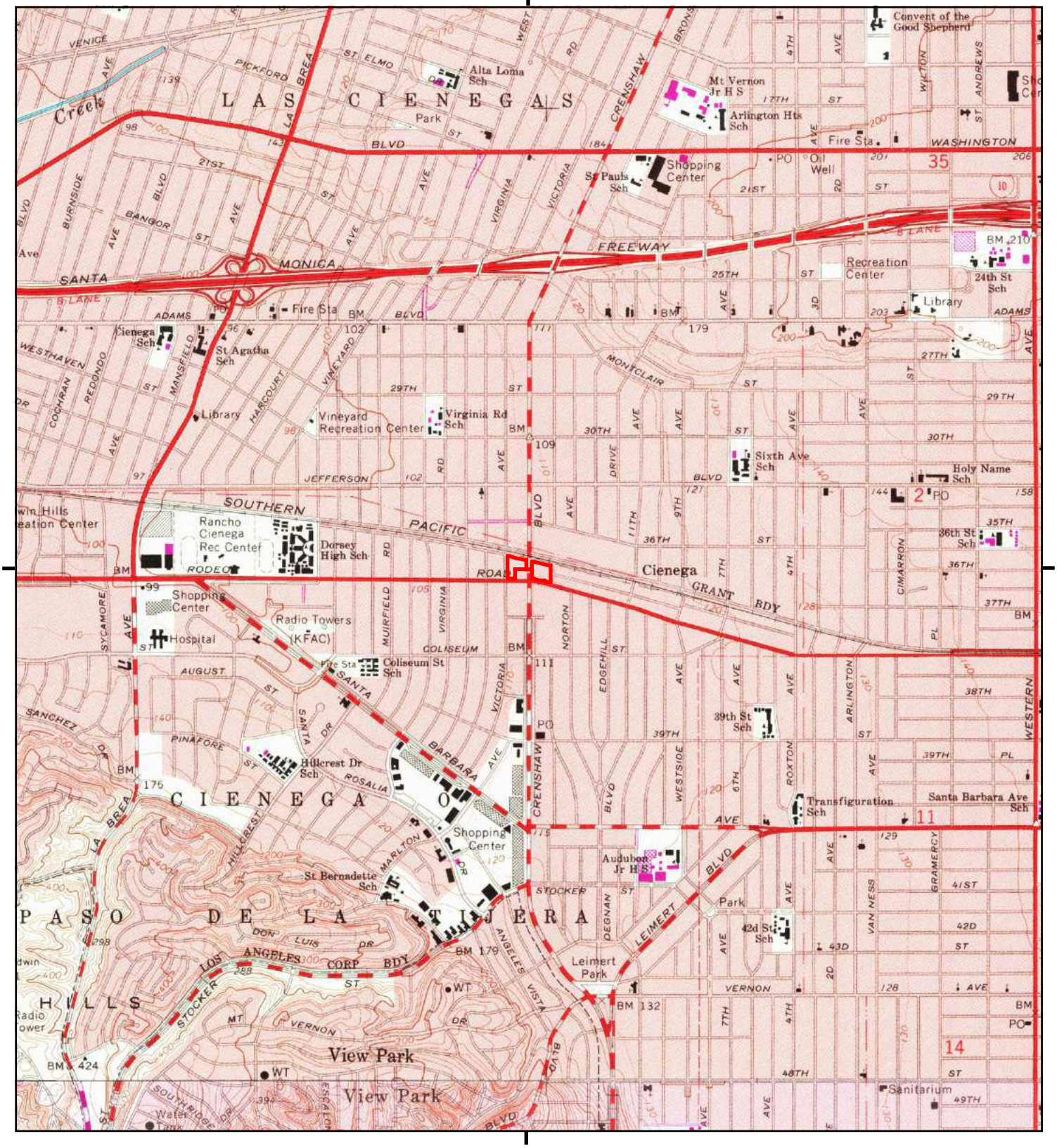
TP, Hollywood, 1991, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

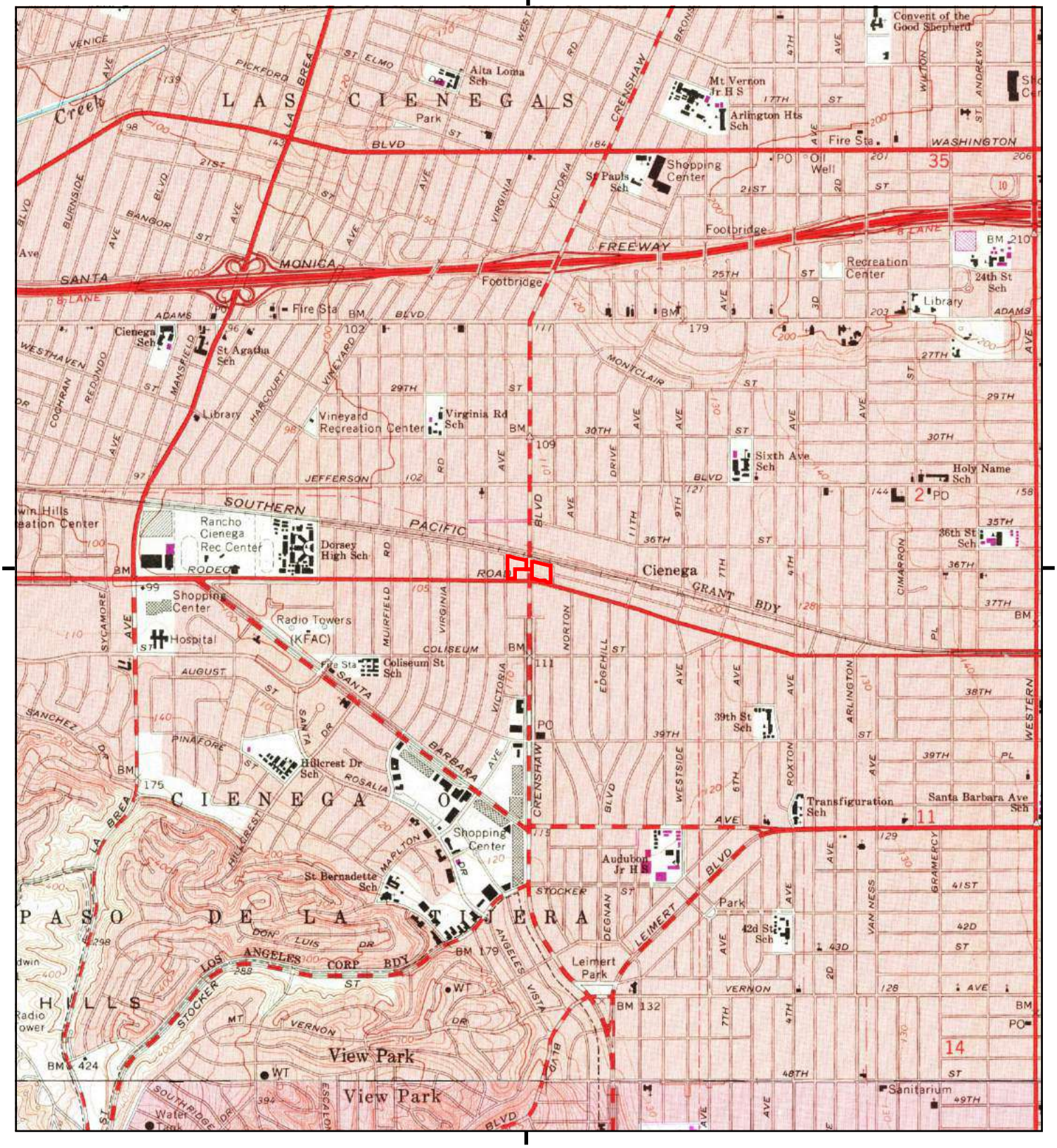
TP, Hollywood, 1981, 7.5-minute
S, Inglewood, 1981, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

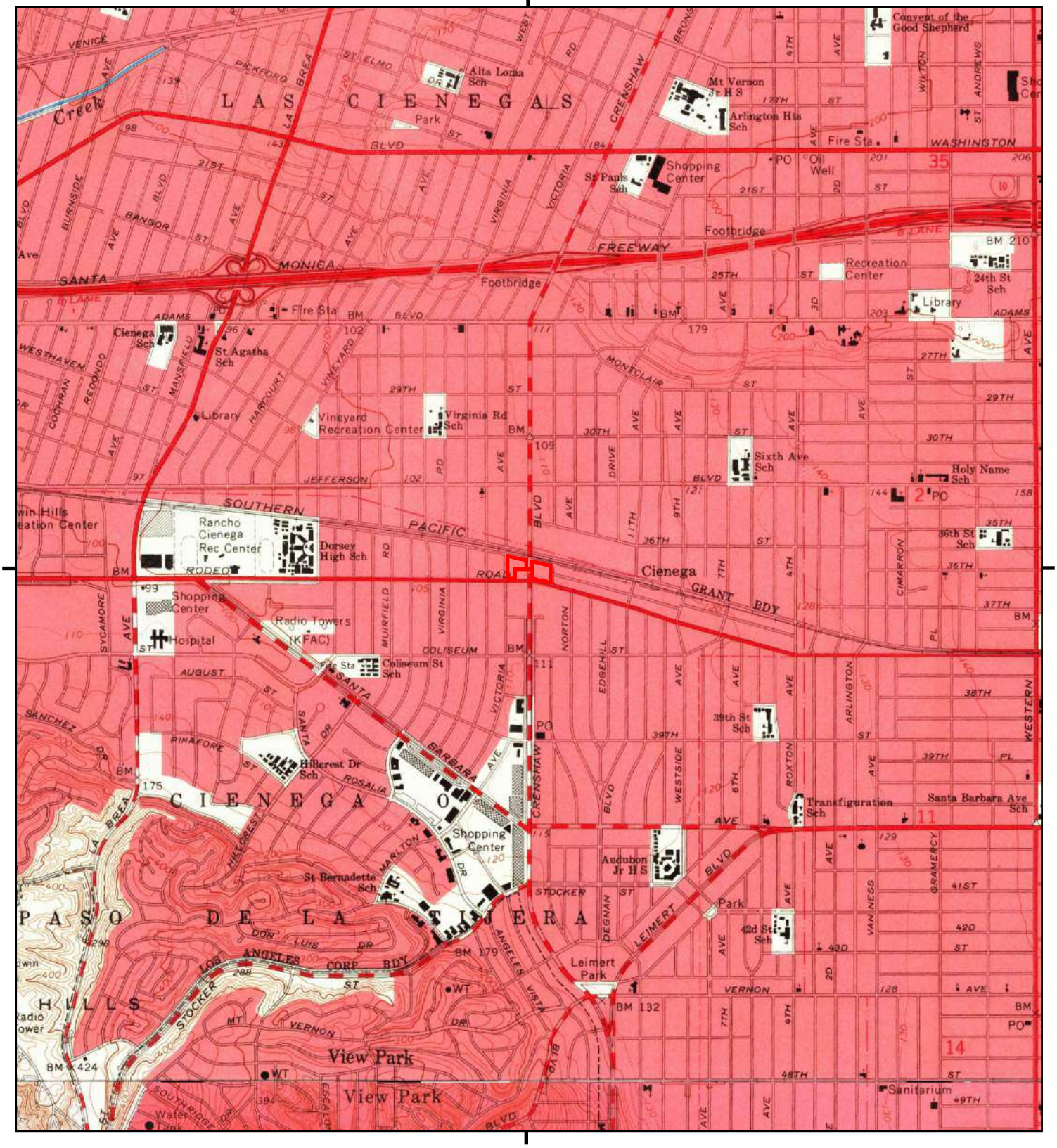
TP, Hollywood, 1972, 7.5-minute
S, Inglewood, 1972, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1964, 1966



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

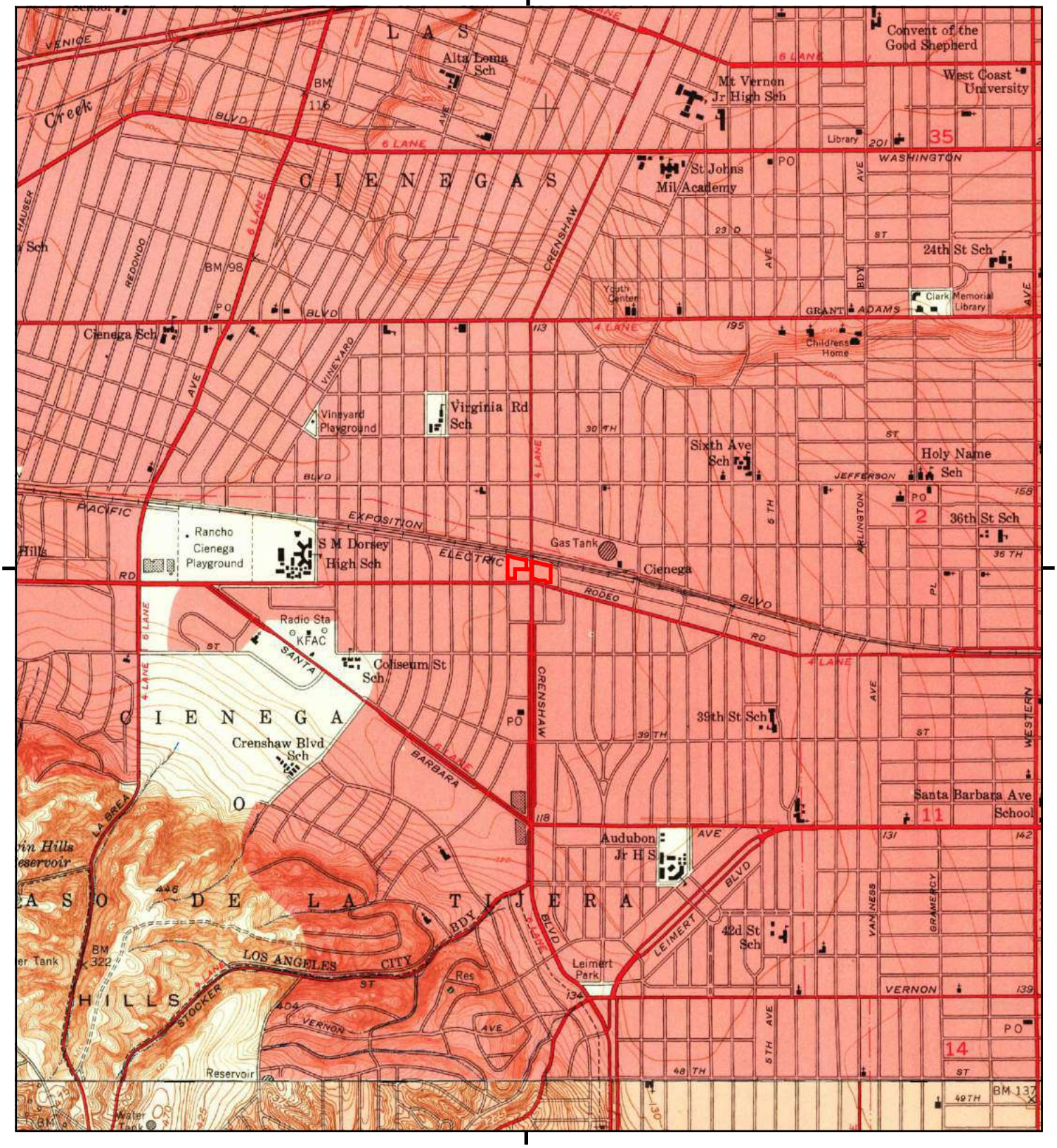
TP, Hollywood, 1966, 7.5-minute
S, Inglewood, 1964, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1952, 1953



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Hollywood, 1953, 7.5-minute
S, Inglewood, 1952, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1926

This report includes information from the following map sheet(s).

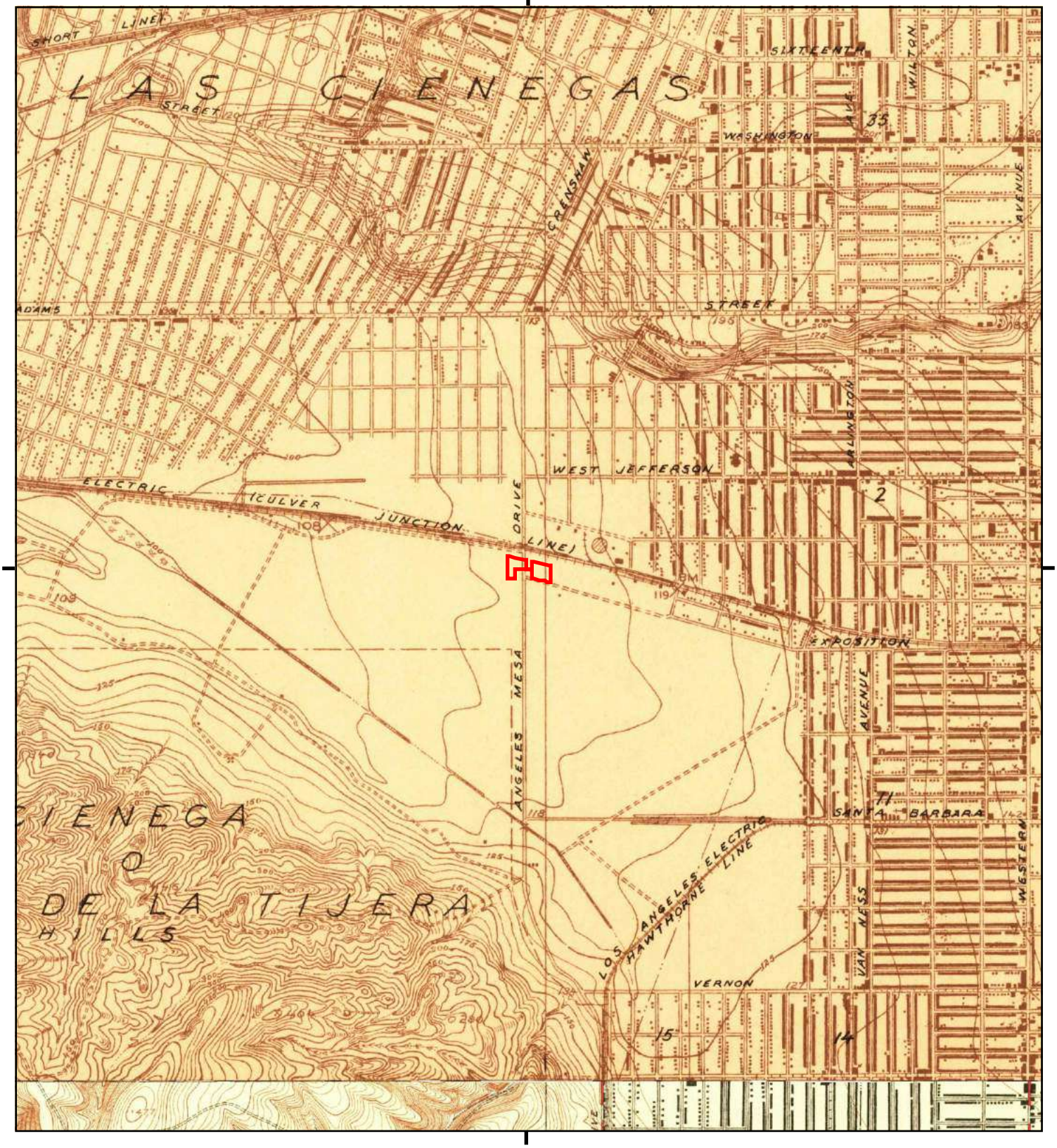
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Hollywood, 1926, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Hollywood, 1924, 7.5-minute
S, Inglewood, 1924, 7.5-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1921

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Monica, 1921, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

Historical Topo Map

1920

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SANTA MONICA, 1920, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Monica, 1902, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

This report includes information from the following map sheet(s).

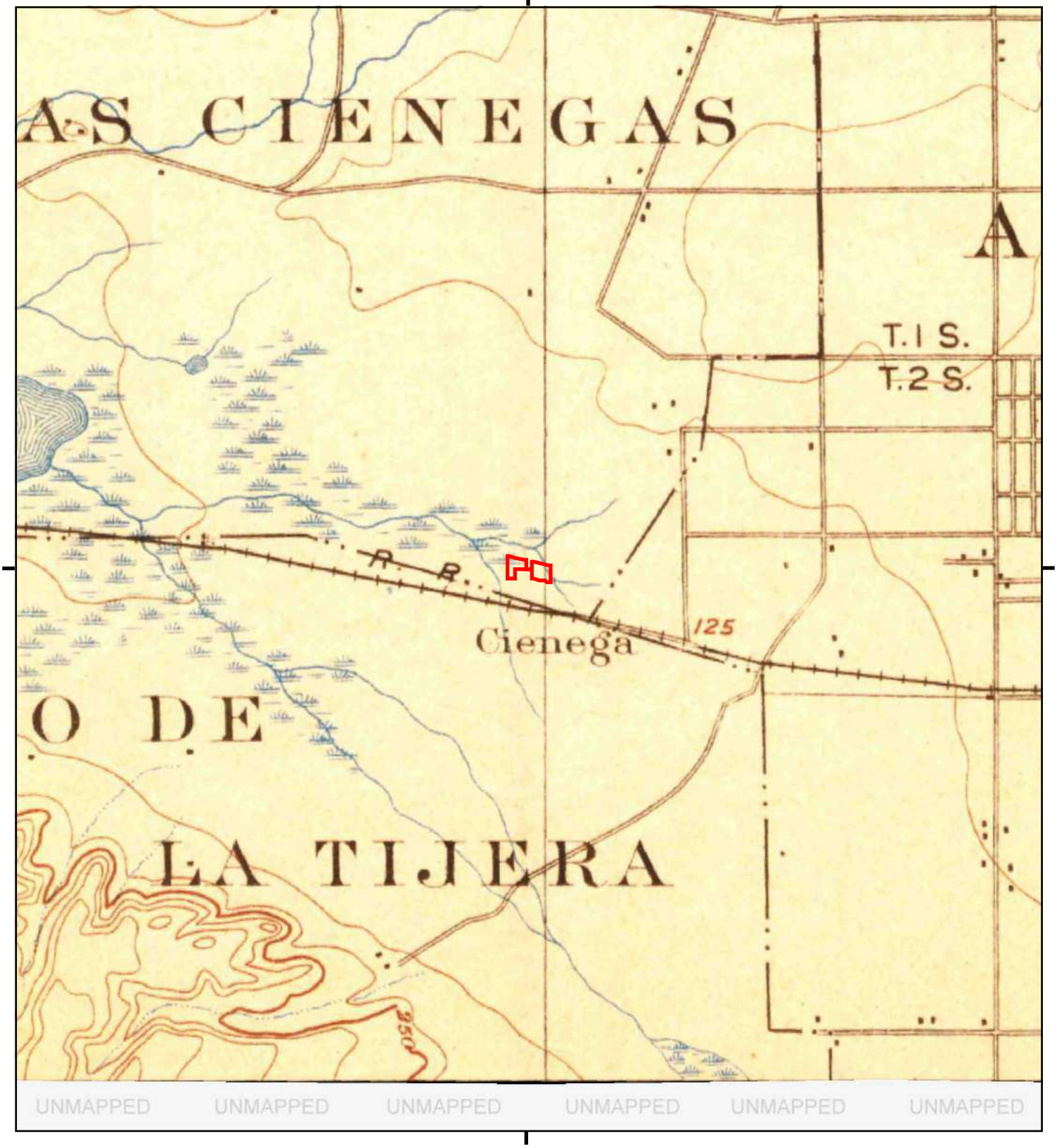
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1900, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Monica, 1898, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Monica, 1896, 15-minute
S, Redondo, 1896, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: Exposition/Crenshaw
ADDRESS: 3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016
CLIENT: Ramboll

N

APPENDIX C.2
AERIAL PHOTOGRAPHS

Exposition/Crenshaw

3606 & 3510-3644 Exposition Blvd

Los Angeles, CA 90016

Inquiry Number: 5533008.8

January 14, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/14/19

Site Name:

Exposition/Crenshaw
3606 & 3510-3644 Exposition E
Los Angeles, CA 90016
EDR Inquiry # 5533008.8

Client Name:

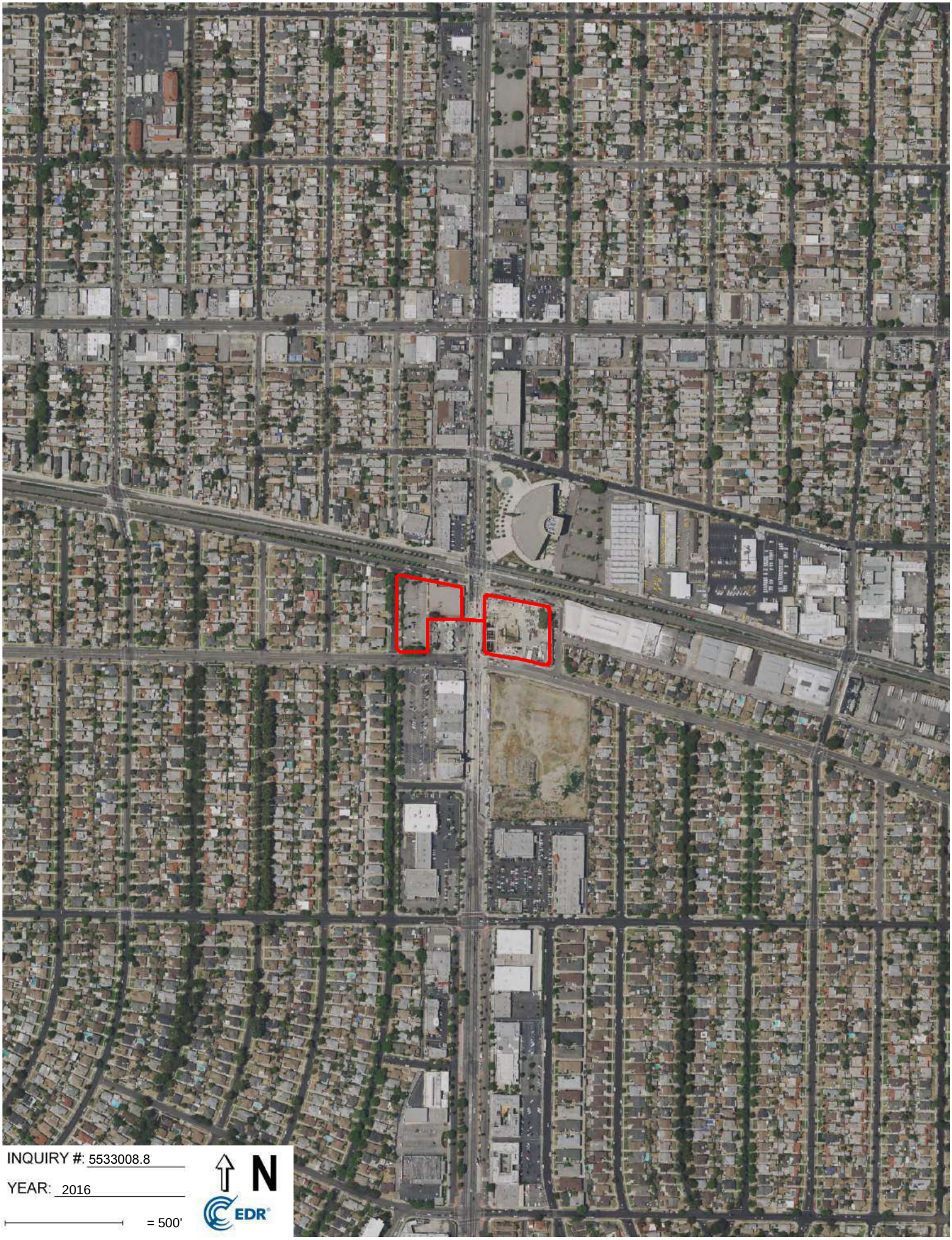
Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Patrick Naffah

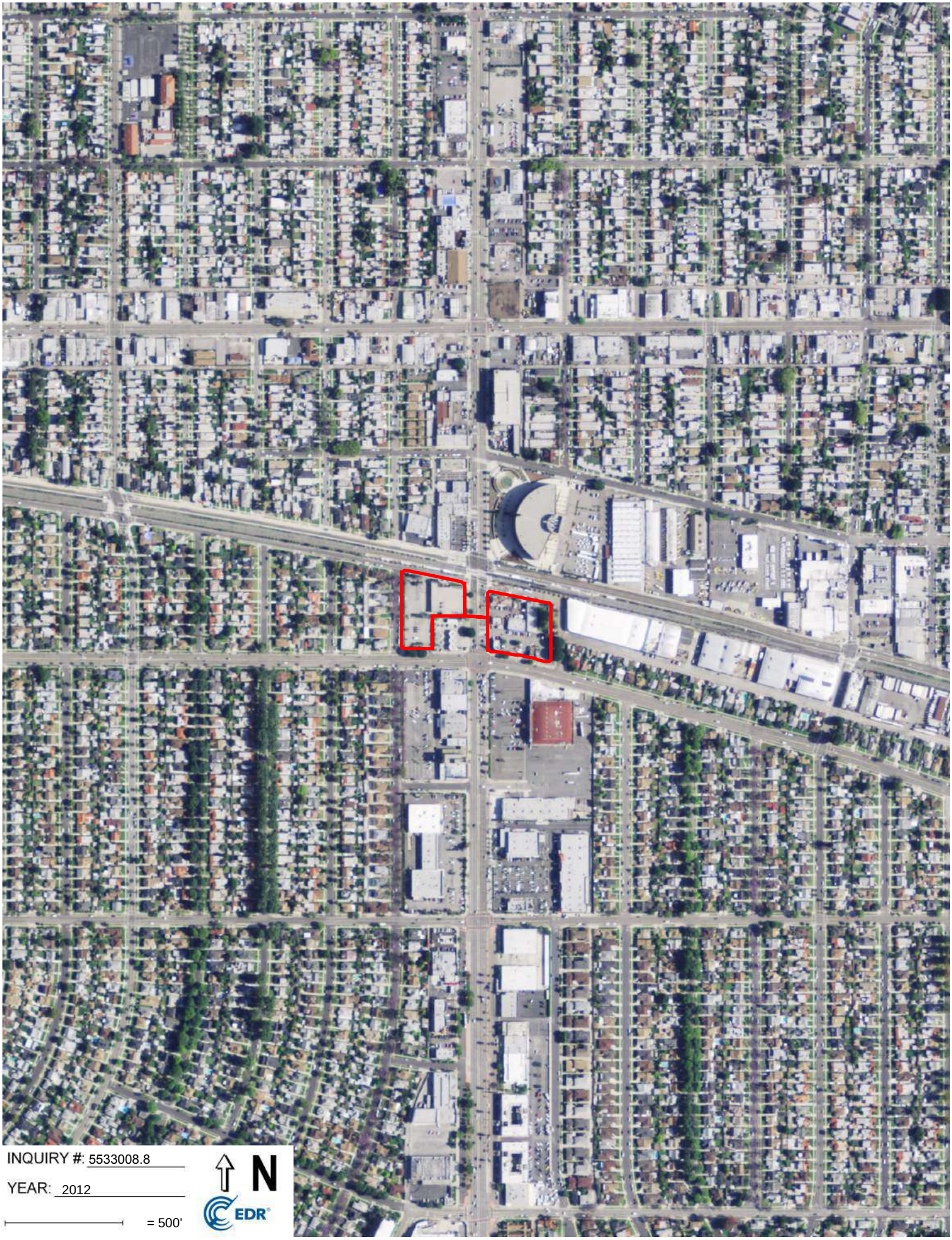
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 17, 1970	EDR Proprietary Brewster Pacific
1952	1"=500'	Flight Date: April 11, 1952	USDA
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.


INQUIRY #: 5533008.8
YEAR: 2016
= 500'
N
EDR



INQUIRY #: 5533008.8

YEAR: 2012

= 500'

N

EDR


INQUIRY #: 5533008.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 5533008.8

YEAR: 1989

= 500'

N

EDR


INQUIRY #: 5533008.8
YEAR: 1983
= 500'
N
EDR

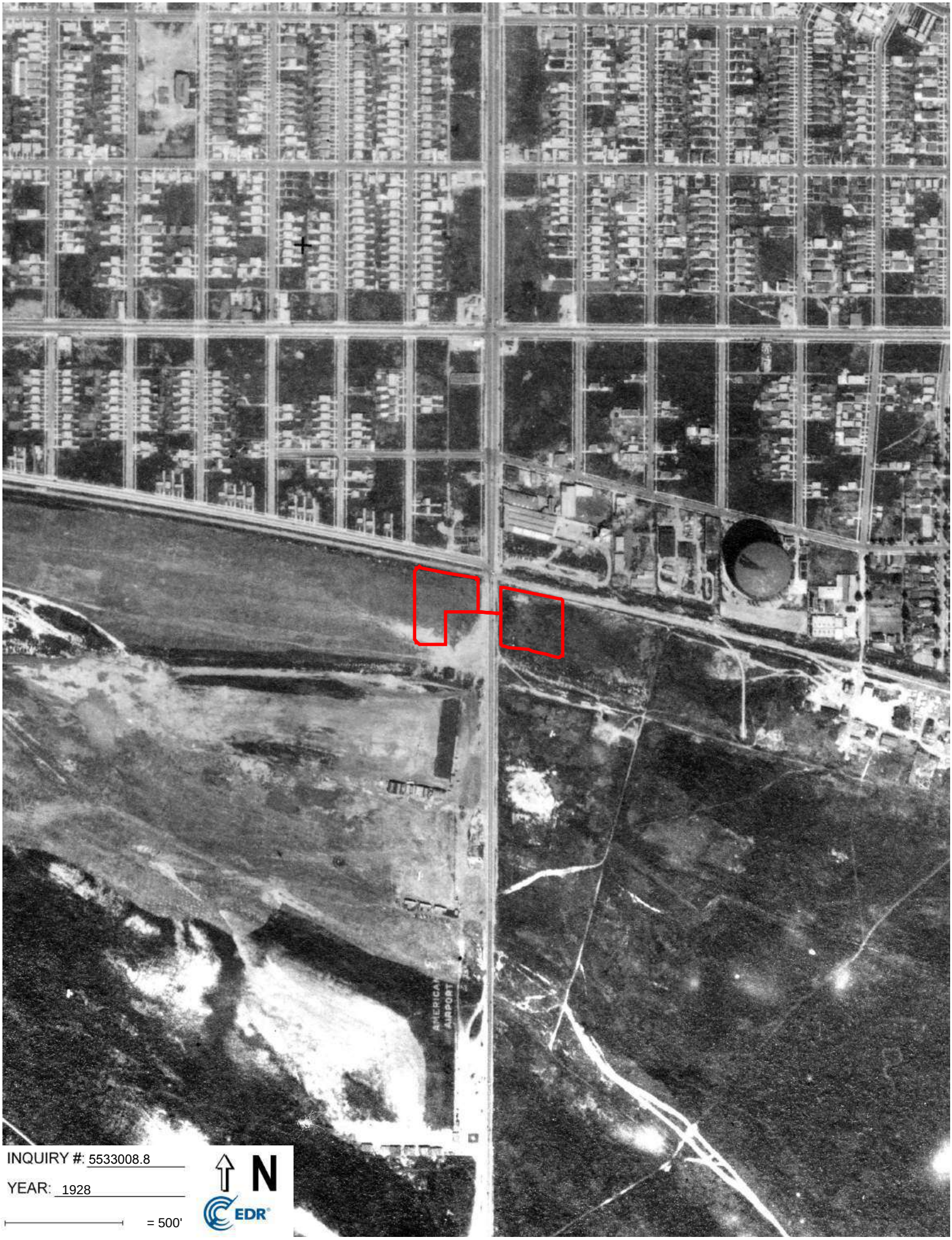

INQUIRY #: 5533008.8
YEAR: 1977
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 1970
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 1952
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 1948
= 500'
N
EDR


INQUIRY #: 5533008.8
YEAR: 1938
= 500'
N
EDR



INQUIRY #: 5533008.8

YEAR: 1928

= 500'

N

EDR

INQUIRY #: 5533008.8

YEAR: 1923

= 500'

N

EDR

APPENDIX C.3
ABSTRACT OF CITY DIRECTORIES

Exposition/Crenshaw
3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016

Inquiry Number: 5533008.5
January 14, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
	Pacific Telephone & Telegraph Co.	X	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	X	-
	Los Angeles Directory Co.	X	-	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
3606 Exposition Boulevard	Client Entered	X
3644 Crenshaw Boulevard	Client Entered	X
3630 Crenshaw Boulevard	Client Entered	X
3510 Exposition Boulevard	Client Entered	X
3515 Rodeo Road	Client Entered	X
3501 Rodeo Road	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3606 & 3510-3644 Exposition Blvd
Los Angeles, CA 90016

FINDINGS DETAIL

Target Property research detail.

Crenshaw Blvd

3630 Crenshaw Blvd

Year	Uses	Source
2014	JACKS CHILI FACTORY	EDR Digital Archive
2010	DINING SENSATIONS	EDR Digital Archive
	EARLES BAR-B-QUE GRILL INC	EDR Digital Archive
	JACKS CHILI FACTORY	EDR Digital Archive

CRENSHAW BLVD

3630 CRENSHAW BLVD

Year	Uses	Source
2006	FACTORY	Haines Company, Inc
	JACKS CHILLI	Haines Company, Inc
2000	DINING SENSATIONS	Haines & Company
	JACKS CHILI FACTORY	Haines & Company
	OLIVER Lacey	Haines & Company
1990	JACK S CHILL FACTORY	Pacific Bell
1986	JACK S CHILI FACTORY	Pacific Bell
1981	EASTERN GARDEN SMORGASBORD	Pacific Telephone
1976	Eastern Garden restrnt	Pacific Telephone
1971	Crenshaw Rodeo Gulf Service	Pacific Telephone
	Dixonburger Inc	Pacific Telephone
1967	GULF OIL SERV S TNS Contd Los Angeles Contd	Pacific Telephone
1962	Crenshew & Rodeo	Pacific Telephone
	Kays Wilshire Serv serv stn	Pacific Telephone
	WILSHIRE OIL CO OF California Service Stations Aviation & Arbor Vitae	Pacific Telephone
1951	Crenshw Craig Oil Co Inc	Pacific Telephone & Telegraph Co.

FINDINGS

Crenshaw Blvd

3644 Crenshaw Blvd

Year	Uses	Source
2014	CLEAN KING LAUNDRY SYSTEMS	EDR Digital Archive

CRENSHAW BLVD

3644 CRENSHAW BLVD

Year	Uses	Source
2006	CLEAN KING	Haines Company, Inc
	CLEANKIJNG	Haines Company, Inc
	LAUNDRY SYSTEMS	Haines Company, Inc
2000	RABBANY Farhad	Haines & Company
1971	Ichiho Daisuke Dyke Crenshaw Gulf	Pacific Telephone

Crenshaw Boulevard

3630 Crenshaw Boulevard

Year	Uses	Source
2006	FACTORY	Haines Company, Inc
	JACKS CHILLI	Haines Company, Inc
2000	DINING SENSATIONS	Haines & Company
	JACKS CHILI FACTORY	Haines & Company
	OLIVER Lacey	Haines & Company
1990	JACK S CHILL FACTORY	Pacific Bell
1986	JACK S CHILI FACTORY	Pacific Bell
1981	EASTERN GARDEN SMORGASBORD	Pacific Telephone
1976	Eastern Garden restrnt	Pacific Telephone
1971	Crenshaw Rodeo Gulf Service	Pacific Telephone
	Dixonburger Inc	Pacific Telephone
1967	GULF OIL SERV S TNS Contd Los Angeles Contd	Pacific Telephone
1962	Crenshew & Rodeo	Pacific Telephone
	Kays Wilshire Serv serv stn	Pacific Telephone
	WILSHIRE OIL CO OF California Service Stations Aviation & Arbor Vitae	Pacific Telephone
1951	Crenshw Craig Oil Co Inc	Pacific Telephone & Telegraph Co.

FINDINGS

3644 Crenshaw Boulevard

Year	Uses	Source
2006	CLEAN KING	Haines Company, Inc
	CLEANKIJNG	Haines Company, Inc
	LAUNDRY SYSTEMS	Haines Company, Inc
2000	RABBANY Farhad	Haines & Company
1971	Ichiho Daisuke Dyke Crenshaw Gulf	Pacific Telephone

EXPOSITION BLVD

3510 EXPOSITION BLVD

Year	Uses	Source
2006	AL MADINAH	Haines Company, Inc
	SCHOOL	Haines Company, Inc
2000	ALMADINAH SC	Haines & Company
	MASJEID A	Haines & Company
1990	AL-MADINAH SCHOOL	Pacific Bell
1986	AL-MADINAH SCHOOL	Pacific Bell
1981	COMMUNITY CARE & DEVELOPMENT SERVICES	Pacific Telephone
	EDUCATIONAL DEVELOPMENT CENTER	Pacific Telephone
1976	Community Care & Development Services	Pacific Telephone

3526 EXPOSITION BLVD

Year	Uses	Source
1924	PORTER Hazel M clk r	Los Angeles Directory Co.

Exposition Blvd

3606 Exposition Blvd

Year	Uses	Source
2014	COUNTY OF LOS ANGELES	EDR Digital Archive
2010	LOS ANGELES COUNTY OF	EDR Digital Archive

EXPOSITION BLVD

3606 EXPOSITION BLVD

Year	Uses	Source
2006	LACOPRBTNINFO	Haines Company, Inc
2000	LA CO PRBTN INFO	Haines & Company
1976	BOARD OF SUPERVISORS Second District Kenneth Hahn Supervisor Crenshaw	Pacific Telephone

Year	Uses	Source
1976	LOS ANGELES COUNTY OF	Pacific Telephone
	LOS ANGELES COUNTY OF Contd	Pacific Telephone
	PROBATION DEPT Offices Crenshaw Area Office	Pacific Telephone

3610 EXPOSITION BLVD

Year	Uses	Source
1924	KOHN Max tailor r	Los Angeles Directory Co.

Exposition Boulevard

3510 Exposition Boulevard

Year	Uses	Source
2006	AL MADINAH	Haines Company, Inc
	SCHOOL	Haines Company, Inc
2000	ALMADINAH SC	Haines & Company
	MASJEID A	Haines & Company
	WEALTH CODE	Haines & Company
1990	AL-MADINAH SCHOOL	Pacific Bell
1986	AL-MADINAH SCHOOL	Pacific Bell
1981	COMMUNITY CARE & DEVELOPMENT SERVICES	Pacific Telephone
	EDUCATIONAL DEVELOPMENT CENTER	Pacific Telephone
1976	Community Care & Development Services	Pacific Telephone

3606 Exposition Boulevard

Year	Uses	Source
2006	LACOPRBTNINFO	Haines Company, Inc
2000	LA CO PRBTN INFO	Haines & Company
1976	BOARD OF SUPERVISORS Second District Kenneth Hahn Supervisor Crenshaw	Pacific Telephone
	LOS ANGELES COUNTY OF	Pacific Telephone
	LOS ANGELES COUNTY OF Contd	Pacific Telephone
	PROBATION DEPT Offices Crenshaw Area Office	Pacific Telephone

Rodeo Road

3515 Rodeo Road

Year	Uses	Source
2006	HAVEN BURGERS	Haines Company, Inc

FINDINGS

Year	Uses	Source
2000	HAVEN BURGERS	Haines & Company
1990	PIONEER TAKE OUT	Pacific Bell
	PIONEER TAKE OUT LOS ANGELES	Pacific Bell

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CRENSHAW

3645 CRENSHAW

Year	Uses	Source
1981	CHOE KYU HYONG SERV STN	Pacific Telephone

CRENSHAW BLVD

3628 CRENSHAW BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1990	20TH CENTURY PLASTICS	Pacific Bell
1986	20TH CENTURY PLASTICS	Pacific Bell
1981	20TH CENTURY PLASTICS INC	Pacific Telephone
1971	Spitz Edw M	Pacific Telephone
	Specialized Pet Dists Inc	Pacific Telephone
	Medi Synth Inc	Pacific Telephone
	Lambert Kay Inc	Pacific Telephone
	Kings Veterinary Labs Inc	Pacific Telephone
	Creative Asociates	Pacific Telephone
1967	ITT GILFILLAN INC	Pacific Telephone
1951	Crenshw Reed & Lewis Rubbish Hauling	Pacific Telephone & Telegraph Co.
	Crenshw Pludow Bernard r	Pacific Telephone & Telegraph Co.
	Crenshw Kiddies Hollywd Prk Amusement Co	Pacific Telephone & Telegraph Co.

3629 CRENSHAW BLVD

Year	Uses	Source
1951	Crenshw Leimert View Nursery & Florist	Pacific Telephone & Telegraph Co.
1942	LEIMERT View Nursery J S Mayemura	Los Angeles Directory Co.

Crenshaw Blvd

3631 Crenshaw Blvd

Year	Uses	Source
2014	EMPLOYEES INCORPORATED	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	INVICTUS TRANSPORT INC	EDR Digital Archive
	DOMINOS PIZZA	EDR Digital Archive
	A&W CONTRACTORS	EDR Digital Archive
	A KUT ABOVE BARBER SHOP	EDR Digital Archive
	CALIFORNIA NAILS	EDR Digital Archive
	KARAOKE CENTER	EDR Digital Archive
	NATIONWIDE INSURANCE	EDR Digital Archive
	INSURANCE BROKER	EDR Digital Archive
	CRENSHAW COMMUNITY CLINIC	EDR Digital Archive
	A&W CONTRACTORS	EDR Digital Archive
	A KUT ABOVE BARBER SHOP	EDR Digital Archive
	CALIFORNIA NAILS	EDR Digital Archive
	EMPLOYEES INCORPORATED	EDR Digital Archive
	INVICTUS TRANSPORT INC	EDR Digital Archive
	DOMINOS PIZZA	EDR Digital Archive
	CRENSHAW COMMUNITY CLINIC	EDR Digital Archive
	KARAOKE CENTER	EDR Digital Archive
	NATIONWIDE INSURANCE	EDR Digital Archive
	INSURANCE BROKER	EDR Digital Archive
2010	LADERA PHYSIOTHERAPY INC	EDR Digital Archive
	URBAN HEALTH INSTITUTE INC	EDR Digital Archive
	EXPOSITION MED IMAGING CTR INC	EDR Digital Archive
	KARAOKE CENTER	EDR Digital Archive
	BORIS BERZON MD INC	EDR Digital Archive
	BLUETOOTH COMMUNICATION NETWOR	EDR Digital Archive
	DOMINOS PIZZA	EDR Digital Archive
	A KUT ABOVE BARBER SHOP	EDR Digital Archive
	CALIFORNIA NAILS	EDR Digital Archive
	EDWARD EARL WILLIFORD A TRUST	EDR Digital Archive
	MONSTER BEAT INC	EDR Digital Archive
	KARAOKE CENTER	EDR Digital Archive
	BORIS BERZON MD INC	EDR Digital Archive
	LADERA PHYSIOTHERAPY INC	EDR Digital Archive
	URBAN HEALTH INSTITUTE INC	EDR Digital Archive
	EXPOSITION MED IMAGING CTR INC	EDR Digital Archive
	BLUETOOTH COMMUNICATION NETWOR	EDR Digital Archive
	A KUT ABOVE BARBER SHOP	EDR Digital Archive

FINDINGS

Year	Uses	Source
2010	CALIFORNIA NAILS	EDR Digital Archive
	EDWARD EARL WILLIFORD A TRUST	EDR Digital Archive
	DOMINOS PIZZA	EDR Digital Archive
	MONSTER BEAT INC	EDR Digital Archive

CRENSHAW BLVD

3631 CRENSHAW BLVD

Year	Uses	Source
2006	A CUT ABOVE HAIR	Haines Company, Inc
	DESIGN	Haines Company, Inc
	A KUT ABOVE HAIR	Haines Company, Inc
	DESIGN	Haines Company, Inc
	BROWN KEVIN DR	Haines Company, Inc
	CA NAILS	Haines Company, Inc
	CRENSHAW EXPO	Haines Company, Inc
	MEDICAL CENTER	Haines Company, Inc
	DOMINOS PIZZA	Haines Company, Inc
	EXPOSITION	Haines Company, Inc
	CLEANERS	Haines Company, Inc
	KARAOKECENTER	Haines Company, Inc
	LADERA	Haines Company, Inc
	PHYSIOTHERAPY	Haines Company, Inc
2000	BUILDING A KUT ABOVE HAIR DESIGN	Haines & Company
	AMAOGE DISTRIBUTING CO	Haines & Company
	C A NAILS	Haines & Company
	C & T HANDBAGS & ACCESSORIES	Haines & Company
	DOMINOS PIZZA	Haines & Company
	EXPOSITION CLEANERS	Haines & Company
	GOOD LIFE HLTH FOOD	Haines & Company
	SANGE MEDICAL MANAGEMENT	Haines & Company
	SISTER SISTER	Haines & Company
	SOCKS PLUS	Haines & Company
	TOY LAND USA	Haines & Company
	YI Won	Haines & Company
1990	ABORTION AID	Pacific Bell
	ALLRED EDWARD C	Pacific Bell
	CALIFORNIA FINE CLEANING	Pacific Bell
	MARKS SHOE REPAIR	Pacific Bell

FINDINGS

Year	Uses	Source
1990	MOVIES TO GO VIDEO RENTALS & SALES	Pacific Bell
	SHIELDS	Pacific Bell
	SHIELDS FINER FURNITURE	Pacific Bell
	SHIELDS FINER FURNITURE	Pacific Bell
	SIMPLY GOOD	Pacific Bell
	UNDERGROUND SOUND	Pacific Bell
1986	AUTO BAHN WEST 2	Pacific Bell
	FABIOS ITALIAN HIGH FASHION OUTLET	Pacific Bell
	LADY L BEAUTY SUPPLY	Pacific Bell
	PEGGY S SALON DESSENCE 2	Pacific Bell
	VIP VIDEO	Pacific Bell
1981	CRENSHAW CADILLAC SPECIALIST INC	Pacific Telephone
1976	Auto Bargain Center	Pacific Telephone
	Auto Bargain Center	Pacific Telephone
	Irbys Arco Stn	Pacific Telephone

3633 CRENSHAW BLVD

Year	Uses	Source
1967	RALPHS GROCERY COMPANY Stores	Pacific Telephone
1962	RALPHS GROCERY COMPANY Stores	Pacific Telephone
1951	Crenshw Ralphs Grocery Company stores Los Angeles	Pacific Telephone & Telegraph Co.

3640 CRENSHAW BLVD

Year	Uses	Source
1990	WILLIAMS LARRY E ATTY	Pacific Bell
1967	Kei Realty Co	Pacific Telephone

Crenshaw Blvd

3642 Crenshaw Blvd

Year	Uses	Source
2014	PALENCIA CARLOS	EDR Digital Archive
	YUM YUM DONUTS	EDR Digital Archive
	PALENCIA CARLOS	EDR Digital Archive
	YUM YUM DONUTS	EDR Digital Archive
2010	PALENCIA CARLOS	EDR Digital Archive
	YUM YUM DONUTS	EDR Digital Archive

Year	Uses	Source
2010	PALENCIA CARLOS	EDR Digital Archive
	YUM YUM DONUTS	EDR Digital Archive

CRENSHAW BLVD

3642 CRENSHAW BLVD

Year	Uses	Source
2006	YUM YUM DONUTS	Haines Company, Inc
2000	YUM YUM DONUTS	Haines & Company
1990	YUM YUM DONUT SHOPS INC BELL BELL	Pacific Bell

Crenshaw Blvd

3645 Crenshaw Blvd

Year	Uses	Source
2014	A S K CONCORD ENTERPRISES INC	EDR Digital Archive
	SCION PARTS SOLUTIONS INC	EDR Digital Archive
	LA SHELL	EDR Digital Archive
	SCION PARTS SOLUTIONS INC	EDR Digital Archive
	LA SHELL	EDR Digital Archive
	A S K CONCORD ENTERPRISES INC	EDR Digital Archive
2010	A S K CONCORD ENTERPRISES INC	EDR Digital Archive
	SPARK PETROLEUM INC	EDR Digital Archive
	A S K CONCORD ENTERPRISES INC	EDR Digital Archive
	SPARK PETROLEUM INC	EDR Digital Archive

CRENSHAW BLVD

3645 CRENSHAW BLVD

Year	Uses	Source
2006	CRENSHAWSHELL	Haines Company, Inc
2000	CRENSHAW SHELL	Haines & Company
1990	HONG S SHELL SERVICE STN	Pacific Bell
1976	Choe Kyu Hyong serv stn	Pacific Telephone

Crenshaw Blvd

3646 Crenshaw Blvd

Year	Uses	Source
2014	SAMS FLOWERS INC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	SAMS FLOWERS INC	EDR Digital Archive
2010	N & N WAARY INC	EDR Digital Archive
	N & N WAARY INC	EDR Digital Archive

CRENSHAW BLVD

3646 CRENSHAW BLVD

Year	Uses	Source
2006	CONROYS FLORIST	Haines Company, Inc
2000	CONROYS FLOWERS	Haines & Company
1990	CONROY S FLORISTS	Pacific Bell

3649 CRENSHAW BLVD

Year	Uses	Source
2000	XXXX	Haines & Company

3650 CRENSHAW BLVD

Year	Uses	Source
2006	CAMEO CLEANERS	Haines Company, Inc
2000	COMET CLEANERS	Haines & Company
	SISKIN Leo	Haines & Company
	ROCKET CLEANERS & LAUNDRY	Haines & Company
	CAMEO CLEANERS	Haines & Company
1990	CAMEO CLEANERS	Pacific Bell
	COMET CLEANERS	Pacific Bell
	ROCKET CLEANERS & LAUNDRY	Pacific Bell
1986	COMET CLEANERS	Pacific Bell
	ROCKET CLEANERS & LAUNDRY	Pacific Bell
1980	Rocket Cleaners & Laundry	Pacific Telephone
	Rocket Messenger & Air Courier Service	Pacific Telephone
	Rockett EA	Pacific Telephone
1976	Rocket Cleaners & Laundry	Pacific Telephone
1971	Rocket Cleaners & Laundry	Pacific Telephone
1967	Rocket Cleaners & Laundry	Pacific Telephone
1962	Rocket Cleaners & Laundry	Pacific Telephone
	Rocket Cleaners & Laundry	Pacific Telephone

FINDINGS

Crenshaw Blvd

3651 Crenshaw Blvd

Year	Uses	Source
2014	PETER H BAE DDS DENTAL CORP	EDR Digital Archive
	PETER H BAE DDS DENTAL CORP	EDR Digital Archive
2010	PETER H BAE DDS DENTAL CORP	EDR Digital Archive
	URBAN UNDERGROUND OUTLET	EDR Digital Archive
	PETER H BAE DDS DENTAL CORP	EDR Digital Archive
	URBAN UNDERGROUND OUTLET	EDR Digital Archive

CRENSHAW BLVD

3651 CRENSHAW BLVD

Year	Uses	Source
2006	OUTLET	Haines Company, Inc
	UNDERGROUND	Haines Company, Inc
	URBAN	Haines Company, Inc
2000	AUTOZONE	Haines & Company
1990	RIVIERA SLEEP FURNITURE	Pacific Bell
1986	RIVIERA SLEEP FURNITURE	Pacific Bell
1981	RIVIERA CONVERTIBLES	Pacific Telephone
1976	RIVIERA CONVERTIBLES Los Angeles	Pacific Telephone
	Exclusive Showrooms Crenshaw	Pacific Telephone
1962	CRENROAD PHARMACY	Pacific Telephone
1951	Crenshw Owl Rexall Drug Co The	Pacific Telephone & Telegraph Co.

3657 CRENSHAW BLVD

Year	Uses	Source
2006	CRENSHAW	Haines Company, Inc
	DISCOUNT STORE	Haines Company, Inc
2000	CRENSHAW DISCOUNT STORE	Haines & Company
1990	SOCIAL SECURITY ADMINISTRATION OFFICE LOCATIONS	Pacific Bell
1986	SOCIAL SECURITY ADMINISTRATION OFFICE LOCATIONS	Pacific Bell
1981	MEDICARE INFORMATION SOCIAL SECURITY ADMINISTRATION OFFICE LOCATIONS	Pacific Telephone
1971	Stampler John Upright Drapery & Carpet Studios	Pacific Telephone
	Upright Carpet & Drapery	Pacific Telephone

FINDINGS

Year	Uses	Source
1971	Upright Drapery & Carpet Studios	Pacific Telephone
	UPRIGHT DRAPERY STUDIO	Pacific Telephone
1967	Stampler John Upright Upholstery Studio	Pacific Telephone
	Upright Carpet & Drapery	Pacific Telephone
	UPRIGHT DRAPERY STUDIO	Pacific Telephone
	Upright Upholstery Studio	Pacific Telephone
1962	HOUSE OF CARPETS	Pacific Telephone
	House of Carpets	Pacific Telephone
	House of Carpets	Pacific Telephone
1951	Crenshw Graysons ladies ready to wear	Pacific Telephone & Telegraph Co.

Exposition Blvd

3617 Exposition Blvd

Year	Uses	Source
2014	MCROS HOLDINGS LLC	EDR Digital Archive
	MCROS HOLDINGS LLC	EDR Digital Archive
2010	TAKEKO KELLER FUND	EDR Digital Archive
	TAKEKO KELLER FUND	EDR Digital Archive

EXPOSITION BLVD

3617 EXPOSITION BLVD

Year	Uses	Source
2006	HARARIINC	Haines Company, Inc
2000	HARARI Dan HARARI INC	Haines & Company
1990	SANDERS ENGINEERING CO	Pacific Bell
1986	SANDERS ENGINEERING CO	Pacific Bell
1981	SANDERS ENGINEERING CO	Pacific Telephone
1976	Vision Of Cosmetology Coiffures	Pacific Telephone

Exposition Blvd

3700 Exposition Blvd

Year	Uses	Source
2010	BABY CAKES TRUCKING	EDR Digital Archive
	BABY CAKES TRUCKING	EDR Digital Archive

FINDINGS

EXPOSITION BLVD

3700 EXPOSITION BLVD

Year	Uses	Source
2006	GORDON Ralph	Haines Company, Inc
2000	MOROGAN Emma	Haines & Company
1951	Expositn Bl Toledo Albert S r	Pacific Telephone & Telegraph Co.

3702 EXPOSITION BLVD

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
1951	W Expositn Bl Campbell Jas A r	Pacific Telephone & Telegraph Co.
	Expositn Bl Harrington Jas J r	Pacific Telephone & Telegraph Co.

3704 EXPOSITION BLVD

Year	Uses	Source
2006	RICKS Isaac	Haines Company, Inc
2000	XXXX	Haines & Company
1990	STEWART ROBT L	Pacific Bell
1951	Expositn Bl Hill Frank A r	Pacific Telephone & Telegraph Co.

3707 EXPOSITION BLVD

Year	Uses	Source
1942	JACOBSON Victor E Nora	Los Angeles Directory Co.
	JACOBSON Nora A opr WUTCo	Los Angeles Directory Co.
1933	WOODEN Thos R Alta M slsmn	Los Angeles Directory Co.
	COHEN Marie waiter	Los Angeles Directory Co.
1929	Finley Garrett A Edna M spl metermn LAG & E Corp	Los Angeles Directory Co.
	Finley Edna M clk	Los Angeles Directory Co.

3711 EXPOSITION BLVD

Year	Uses	Source
2006	BAKER Marranda	Haines Company, Inc
2000	BOLDEN Andrea	Haines & Company
	FORD Ansenia	Haines & Company
1990	BISHOP JEFFREY	Pacific Bell
	SOOKKAO CHINTANA	Pacific Bell
1986	HAYAKAWA JOHN M	Pacific Bell
	SOOKKAO CHINTANA	Pacific Bell
	UMEMOTO KAREN	Pacific Bell

FINDINGS

Year	Uses	Source
1981	LEW C S	Pacific Telephone
	NAKAMURA GEORGE B & NANCY S	Pacific Telephone
	TAKAMINE TOSHIYUKI	Pacific Telephone
1976	Lew C S	Pacific Telephone
	Nakamura Geo G	Pacific Telephone
	Takamine Toshiyuki	Pacific Telephone

3715 EXPOSITION BLVD

Year	Uses	Source
2006	SAWYERWendell	Haines Company, Inc
2000	BARTHELS Katharine	Haines & Company
1976	Tajiri Susan	Pacific Telephone
1951	Expositn Barthels Herbert r	Pacific Telephone & Telegraph Co.
1942	Van Horne Nellie A wid M D	Los Angeles Directory Co.
1937	Berwick Wm C Evelyn dept mgr Broadway Dept Store	Los Angeles Directory Co.
1933	Berwick Wm C Evelyn dept mgr Broadway Dept Store	Los Angeles Directory Co.

3719 EXPOSITION BLVD

Year	Uses	Source
2006	PARTIDA Rebeca	Haines Company, Inc
	Rebeca	Haines Company, Inc
	DIAZPARTIDA	Haines Company, Inc
2000	CHOICE Tambudzai	Haines & Company
1976	Kikuchi Bob	Pacific Telephone
1951	Expositn Bl Davis Blanche r	Pacific Telephone & Telegraph Co.
1942	DAVIS Blanche wid Edwin	Los Angeles Directory Co.
	Crutcher Eliz A wid Henry	Los Angeles Directory Co.
1937	DAVIS Mark A B advmn May Co	Los Angeles Directory Co.
	DAVIS Blanche Mrs	Los Angeles Directory Co.
1933	Easton Warren M Annette slsmn C Easton	Los Angeles Directory Co.
1929	Morain Allen C div mgr Grosvenor Inglis Corp	Los Angeles Directory Co.

3721 EXPOSITION BLVD

Year	Uses	Source
2006	JOHNSONJoe	Haines Company, Inc
2000	STEWART H WILLIAMS Beatrice S	Haines & Company
1951	Expositn Fiumano Jos C r	Pacific Telephone & Telegraph Co.

FINDINGS

RODEO RD

3570 RODEO RD

Year	Uses	Source
2000	XXXX	Haines & Company

3701 RODEO RD

Year	Uses	Source
2006	CHEW Monele L	Haines Company, Inc
2000	CHEW Mona	Haines & Company
1981	CHEW SAML W F	Pacific Telephone
1976	Chew Saml W F	Pacific Telephone
1971	Chew Saml W F	Pacific Telephone
1967	Chew Saml W F	Pacific Telephone
1951	Rodeo Rd English Joan r	Pacific Telephone & Telegraph Co.

3703 RODEO RD

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1990	CHEW S K	Pacific Bell
1986	CHEW S K	Pacific Bell
1981	CHEW S K	Pacific Telephone
1976	Chew S K	Pacific Telephone
1971	Chew S K	Pacific Telephone
1967	Chew S K	Pacific Telephone
1962	Potulny Stanley E	Pacific Telephone
1958	Katzman Rebecca	Pacific Telephone
1951	Rodeo Rd Turk Vivian A r	Pacific Telephone & Telegraph Co.

3705 RODEO RD

Year	Uses	Source
2006	CHEW Saml W F	Haines Company, Inc
2000	CHEW Saml W F	Haines & Company
1990	CHEW SAML W F	Pacific Bell
1986	CHEW SAML W F	Pacific Bell
1981	KUWAHARA GUNSAKU	Pacific Telephone
1976	Kuwahara Gunsaku	Pacific Telephone
1971	Kuwahara Gunsaku	Pacific Telephone
1967	Norikane Ken	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	Ray V A	Pacific Telephone
1958	Ray V A	Pacific Telephone

3707 RODEO RD

Year	Uses	Source
2006	CHEW M CHEWS	Haines Company, Inc
2000	CHEW S	Haines & Company
	CHEW M	Haines & Company
1990	CHEW MONETE & STACEY	Pacific Bell
1986	CHEW MONETE & STACEY	Pacific Bell
1976	Campbell S	Pacific Telephone
1967	Wong Geo P	Pacific Telephone
1962	Okada Carolyn	Pacific Telephone
1951	Rodeo Rd Ray V A r	Pacific Telephone & Telegraph Co.

S VICTORIA AVE

3615 S VICTORIA AVE

Year	Uses	Source
1991	CHANNEL ISLANDS BOATWORKS INC	Pacific Bell

3622 S VICTORIA AVE

Year	Uses	Source
2006	o FRELOW Lambert	Haines Company, Inc

3629 S VICTORIA AVE

Year	Uses	Source
2006	o TUCKERWa Ideana	Haines Company, Inc

3631 S VICTORIA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc

3633 S VICTORIA AVE

Year	Uses	Source
2006	o LEE William	Haines Company, Inc

FINDINGS

S Victoria Ave

3635 S Victoria Ave

Year	Uses	Source
2014	JOY GIVER	EDR Digital Archive
	JOY GIVER	EDR Digital Archive

S VICTORIA AVE

3635 S VICTORIA AVE

Year	Uses	Source
2006	PRICETyrone	Haines Company, Inc

3637 S VICTORIA AVE

Year	Uses	Source
2006	GIN Henry	Haines Company, Inc

3639 S VICTORIA AVE

Year	Uses	Source
2006	o GRIGGS Coranne	Haines Company, Inc

3641 S VICTORIA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc

3643 S VICTORIA AVE

Year	Uses	Source
2006	o MURANAKATadashi	Haines Company, Inc

S Victoria Ave

3645 S Victoria Ave

Year	Uses	Source
2014	STEVENSON GIBRAN AGENCY LLC	EDR Digital Archive
	STEVENSON GIBRAN AGENCY LLC	EDR Digital Archive
2010	STEVENSON GIBRAN AGENCY LLC	EDR Digital Archive
	BETTY HANSON	EDR Digital Archive
	STEVENSON GIBRAN AGENCY LLC	EDR Digital Archive
	BETTY HANSON	EDR Digital Archive

FINDINGS

S VICTORIA AVE

3645 S VICTORIA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc

S Victoria Ave

3651 S Victoria Ave

Year	Uses	Source
2014	A R E INC	EDR Digital Archive
	A R E INC	EDR Digital Archive
2010	A R E INC	EDR Digital Archive
	A R E INC	EDR Digital Archive

S VICTORIA AVE

3651 S VICTORIA AVE

Year	Uses	Source
2006	Vi PORTERJames	Haines Company, Inc
1958	Fulk Gertrude	Pacific Telephone

3653 S VICTORIA AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
1958	Johnson Viola Marie	Pacific Telephone

3657 S VICTORIA AVE

Year	Uses	Source
2006	o GREENE Wallace	Haines Company, Inc

VICTORIA AVE

3622 VICTORIA AVE

Year	Uses	Source
2000	FRELOW Tuwana	Haines & Company
1981	CARRANZA ISABEL	Pacific Telephone
1976	Finnell Brenda	Pacific Telephone
1951	Victoria Av Boykin Wm Mrs r	Pacific Telephone & Telegraph Co.
1942	Mc MAHAN Walter C Frankie Mc Mahan Bros	Los Angeles Directory Co.
1937	Mc MAHAN Walter C Frankie	Los Angeles Directory Co.

FINDINGS

3623 VICTORIA AVE

Year	Uses	Source
2000	HILL James	Haines & Company

3625 VICTORIA AVE

Year	Uses	Source
2000	a 1/2 TROMPSON Jo Ann	Haines & Company

3629 VICTORIA AVE

Year	Uses	Source
2000	MELARAGNO Eddye	Haines & Company
1986	MCQUEEN TERI	Pacific Bell
1981	MORISAKO MR & MRS CALVIN	Pacific Telephone
1976	Uechi Joye	Pacific Telephone
1951	Victoria Av Goldy S r	Pacific Telephone & Telegraph Co.
	Victria Av Estes Wm B r	Pacific Telephone & Telegraph Co.

3631 VICTORIA AVE

Year	Uses	Source
2000	WILLIAMS Kellee	Haines & Company

3633 VICTORIA AVE

Year	Uses	Source
2000	LOUIE Thomas	Haines & Company
	DAVIS Curtis	Haines & Company
1990	DAVIS CURTIS	Pacific Bell
1986	DAVIS CURTIS	Pacific Bell
1976	Davis Curtis	Pacific Telephone
1951	Victoria Lamoreaux Helen r	Pacific Telephone & Telegraph Co.

3635 VICTORIA AVE

Year	Uses	Source
2000	a 1/2 CRAIG Herbert L	Haines & Company
1981	HOWARD JOHN B	Pacific Telephone
1976	Compensating Optical	Pacific Telephone
	Camacho J	Pacific Telephone
1951	Victoria Av Johnson E r	Pacific Telephone & Telegraph Co.

3637 VICTORIA AVE

Year	Uses	Source
2000	a 1/2 GIN Henry	Haines & Company

FINDINGS

Year	Uses	Source
2000	TONEY Henry	Haines & Company
1990	SIMPSON H	Pacific Bell
1986	SIMPSON H	Pacific Bell
1981	COLBERT G W	Pacific Telephone
1976	Gin Henry	Pacific Telephone
	Colbert G W	Pacific Telephone
1951	Victoria Katz Maurice N r	Pacific Telephone & Telegraph Co.
	Victoria Newman Rae Mrs r	Pacific Telephone & Telegraph Co.

3639 VICTORIA AVE

Year	Uses	Source
2000	a 1/2 LENOIR Jerome	Haines & Company

3641 VICTORIA AVE

Year	Uses	Source
2000	HAMAMURA Mary	Haines & Company

3643 VICTORIA AVE

Year	Uses	Source
2000	a 1/2 MURANAKA Tadashi	Haines & Company
1990	HAMAMURA JOHN A	Pacific Bell
1986	HAMAMURA JOHN A	Pacific Bell
1981	HAMAMURA JOHN A	Pacific Telephone
	KAWAMURA BEN TOSHIHIRO	Pacific Telephone
1976	Muranaka Tadashi	Pacific Telephone
	Hamamura John A	Pacific Telephone
1951	Victoria Hooper Herbert E Rev r	Pacific Telephone & Telegraph Co.
	Victoria Romeos Chris r	Pacific Telephone & Telegraph Co.

3645 VICTORIA AVE

Year	Uses	Source
2000	HANSON Betty	Haines & Company
	HENCE Helaln 323 298 064 S	Haines & Company
1990	PIYAKUN HARUTHAL	Pacific Bell
	HARRIS WILLIE	Pacific Bell
	ANUVATTANACHAI TAUSAK	Pacific Bell
	WONGEHAROENSUK NONTA	Pacific Bell
	VITUG CONCHITA	Pacific Bell
1986	WONGEHAROENSUK NONTA	Pacific Bell
	VITUG CONCHITA	Pacific Bell

FINDINGS

Year	Uses	Source
1986	PANGKONGKEOW RAVADEE	Pacific Bell
	HARRIS WILLIE	Pacific Bell
	ANUVATTANACHAI TAUSAK	Pacific Bell
1981	WONGEHAROENSUK MONTA	Pacific Telephone
	VITUG CONCHITA	Pacific Telephone
	MAEDA TOM	Pacific Telephone
	GANT BLANKA	Pacific Telephone
	ANUWATANACHAI INTHIA	Pacific Telephone
1976	Uemastu Scott	Pacific Telephone
	Barragan Roman	Pacific Telephone
	Kajiya S	Pacific Telephone
	Nichols Hazel J	Pacific Telephone

3651 VICTORIA AVE

Year	Uses	Source
2000	STELLY William	Haines & Company

3653 VICTORIA AVE

Year	Uses	Source
2000	XXXX	Haines & Company

3657 VICTORIA AVE

Year	Uses	Source
1986	TRAN TIEU	Pacific Bell
1981	TRAN TIEU	Pacific Telephone
1951	S Victoria Krause Edw G r	Pacific Telephone & Telegraph Co.
	Victoria Av Bowser Dan	Pacific Telephone & Telegraph Co.

3625 1/2 VICTORIA AVE

Year	Uses	Source
1990	THOMPSON JO ANN	Pacific Bell

3635 1/2 VICTORIA AVE

Year	Uses	Source
1990	CRAIG HERBERT L	Pacific Bell

3637 1/2 VICTORIA AVE

Year	Uses	Source
1990	GIN HENRY	Pacific Bell

FINDINGS

3641 1/2 VICTORIA AVE

Year	*Uses*	*Source*
1990	SOGIOKA MUTS	Pacific Bell

3643 1/2 VICTORIA AVE

Year	*Uses*	*Source*
1990	MURANAKA TADASHI	Pacific Bell

3651 1/2 VICTORIA AVE

Year	*Uses*	*Source*
1990	SIMMONS DANE & LUWANNA	Pacific Bell
	WALLACE LUWANNA	Pacific Bell

3659 1/2 VICTORIA AVE

Year	*Uses*	*Source*
1990	SONG LOUIS	Pacific Bell

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
3501 Rodeo Road	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3570 RODEO RD	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3615 S VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3617 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3617 Exposition Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3617 Exposition Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3622 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3622 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3623 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3625 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3625 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3628 CRENSHAW BLVD	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3629 CRENSHAW BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3629 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3629 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3631 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3631 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3631 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3631 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3631 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3633 CRENSHAW BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3633 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3633 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3635 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3635 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3635 S Victoria Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3635 S Victoria Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3635 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3637 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3637 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3637 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3639 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3639 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3640 CRENSHAW BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3641 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3641 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3641 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3642 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3642 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3642 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3643 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3643 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3643 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 CRENSHAW	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 S Victoria Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 S Victoria Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3645 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3646 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3646 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3646 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3649 CRENSHAW BLVD	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3650 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 Crenshaw Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 S Victoria Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 S Victoria Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3651 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3653 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3653 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3657 CRENSHAW BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3657 S VICTORIA AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3657 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3659 1/2 VICTORIA AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3700 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3700 Exposition Blvd	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3700 Exposition Blvd	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3701 RODEO RD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3702 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3703 RODEO RD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3704 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3705 RODEO RD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3707 EXPOSITION BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3707 RODEO RD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3711 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3715 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3719 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3721 EXPOSITION BLVD	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
3606 & 3510-3644 Exposition Blvd	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

APPENDIX C.4
HISTORICAL FIRE INSURANCE MAPS

Exposition/Crenshaw

3606 & 3510-3644 Exposition Blvd

Los Angeles, CA 90016

Inquiry Number: 5533008.3

January 14, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/14/19

Site Name:

Exposition/Crenshaw
3606 & 3510-3644 Exposition E
Los Angeles, CA 90016
EDR Inquiry # 5533008.3

Client Name:

Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Patrick Naffah

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Certified Sanborn Results:

Certification # 28A3-4547-AFBB

PO # NA

Project NA

Maps Provided:

1969
1950
1929

Sanborn® Library search results

Certification #: 28A3-4547-AFBB

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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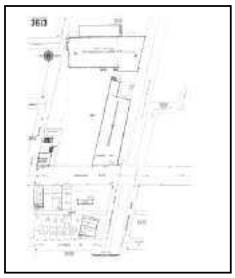
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1969 Source Sheets

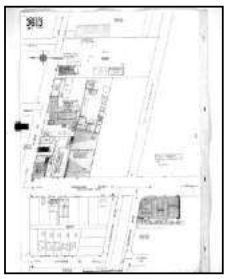


Volume 36, Sheet 3613
1969

Volume 36, Sheet 3652
1969

Volume 36, Sheet 3654
1969

1950 Source Sheets

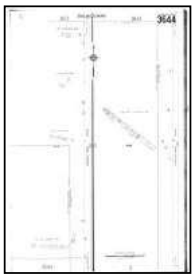


Volume 36, Sheet 3613
1950

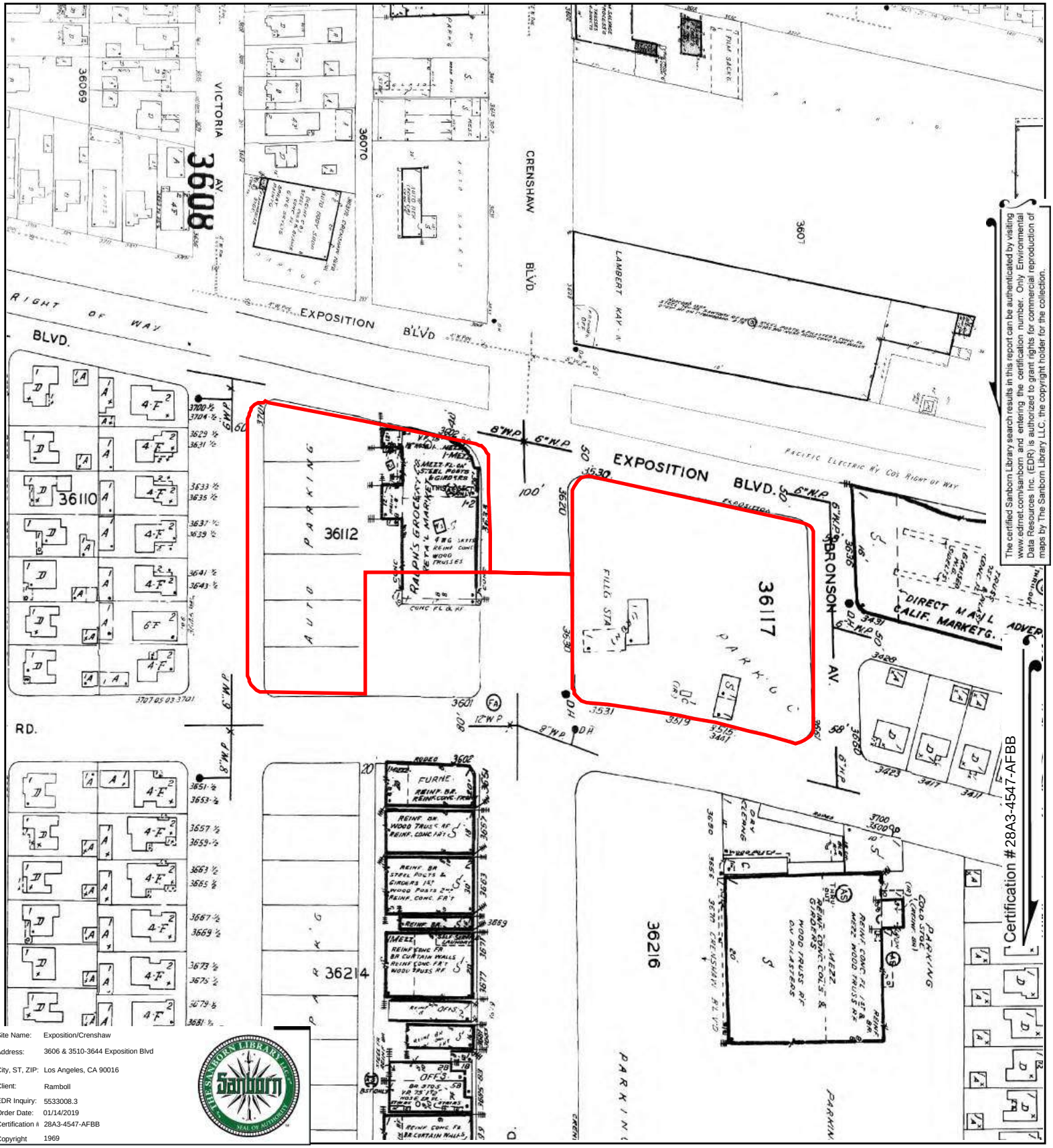
Volume 36, Sheet 3652
1950

1929 Source Sheets

Volume 36, Sheet 3613
1929



Volume 36, Sheet 3644
1929



Certification # 28A3-4547-AFBB

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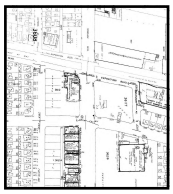
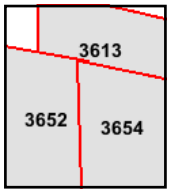
Site Name:	Exposition/Crenshaw
Address:	3606 & 3510-3644 Exposition Blvd
City, ST, ZIP:	Los Angeles, CA 90016
Client:	Ramboll
EDR Inquiry:	5533008.3
Order Date:	01/14/2019
Certification #:	28A3-4547-AFBB
Copyright	1969

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 36, Sheet 3654
Volume 36, Sheet 3652
Volume 36, Sheet 3613

0 Feet 150 300 600

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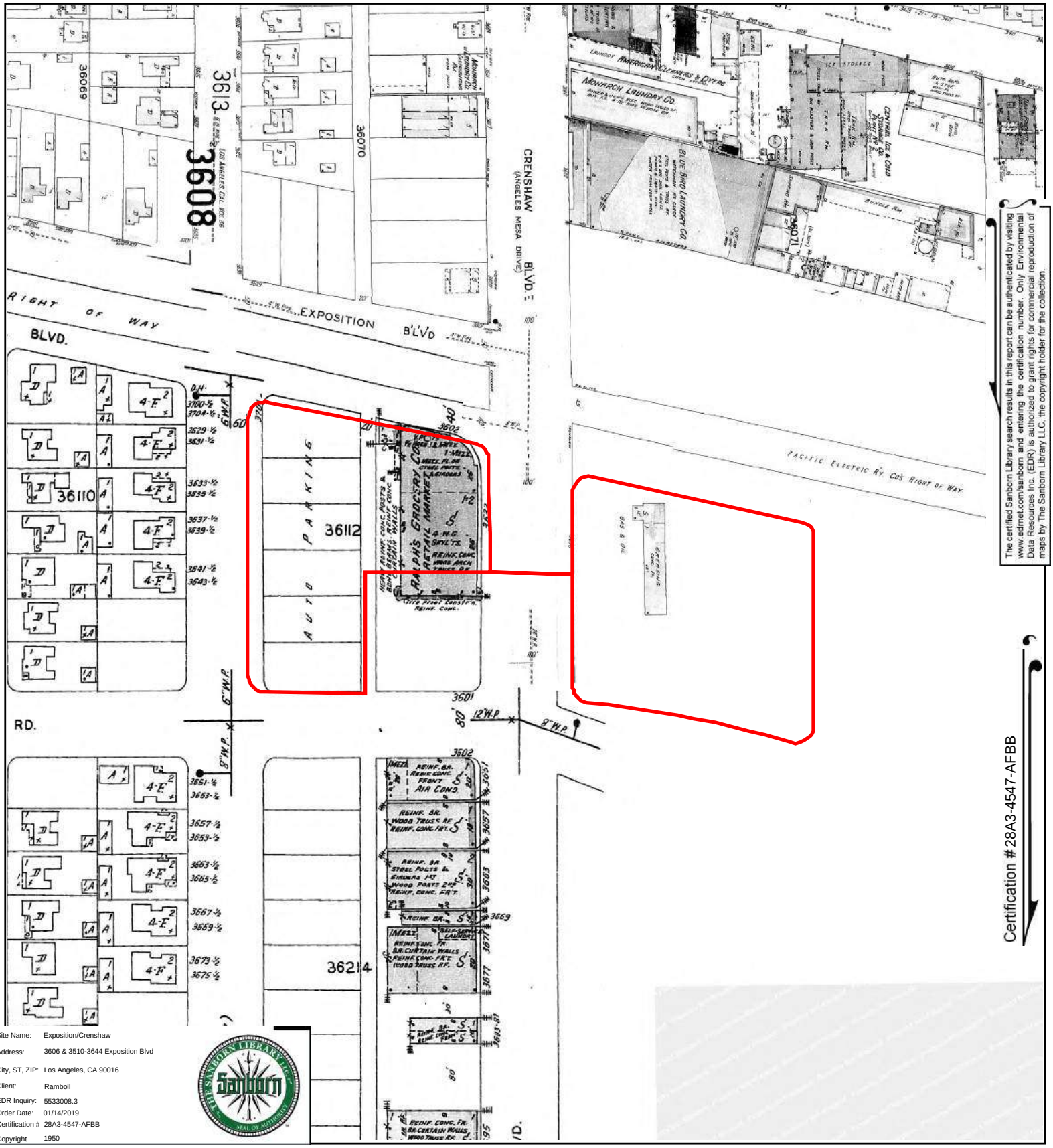

Certification # 28A3-4547-AFBB

Site Name:	Exposition/Crenshaw
Address:	3606 & 3510-3644 Exposition Blvd
City, ST, ZIP:	Los Angeles, CA 90016
Client:	Ramboll
EDR Inquiry:	5533008.3
Order Date:	01/14/2019
Certification #	28A3-4547-AFBB
Copyright	1950

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Outlined areas indicate map sheets within the collection.

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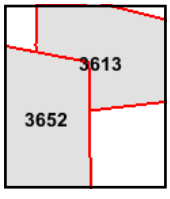

Volume 36, Sheet 3652
Volume 36, Sheet 3613

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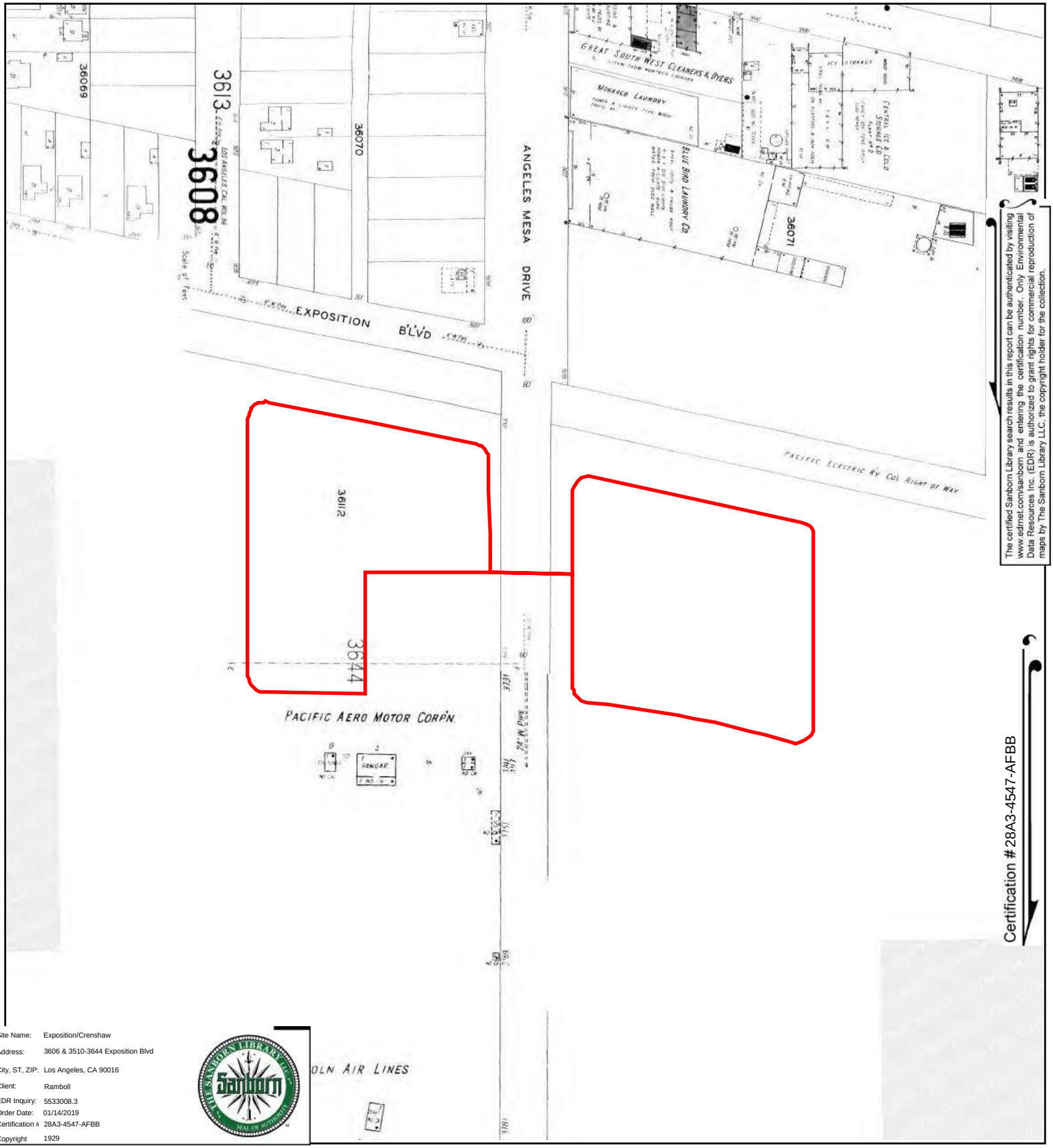
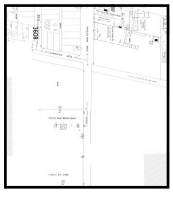
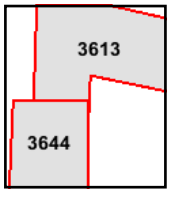


Certification #28A3-4547-AFBB

Site Name:	Exposition/Crenshaw
Address:	3606 & 3510-3644 Exposition Blvd
City, ST, ZIP:	Los Angeles, CA 90016
Client:	Ramboll
EDR Inquiry:	5533008.3
Order Date:	01/14/2019
Certification #:	28A3-4547-AFBB
Copyright	1929

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 36, Sheet 3644
Volume 36, Sheet 3613

0 Feet 150 300 600

N

APPENDIX D
PREVIOUS ENVIRONMENTAL REPORTS

ALLIANCE ENVIRONMENTAL GROUP

COUNTY OF LOS ANGELES, INTERNAL SERVICES DEPARTMENT

Asbestos Removal Close-Out Report: Probation Department Crenshaw Area Office 3606 Exposition Blvd.

Los Angeles, California

Prepared by Alfred R. Mercado
CAC 00-2761
12/03/2012

ALLIANCE ENVIRONMENTAL GROUP

December 03, 2012

Steve Duran
County of Los Angeles
Internal Services Department
1102 North Eastern Avenue
Los Angeles, CA 90063

Subject: Asbestos Removal Close-Out Report
Probation Dept. Crenshaw Area Office
3606 Exposition Blvd.
Los Angeles, California

Dear Mr. Duran,

Alliance Environmental Group (AllianceEG) was retained by the County of Los Angeles, Internal Services Department to prepare job specifications and to provided asbestos (floor tile/mastic, base cove/mastic) removal oversight services in accordance with PO-IS-13321944-1 at the Probation Dept. Crenshaw Area Office Building located at 3606 Exposition Blvd. in the City of Los Angeles, California. The scope of work was to remove asbestos containing floor tile/mastic and base cove/mastic from various locations showing damaged floor tiles.

The asbestos removal work was performed on November 30 through December 1, 2012 by Sun Environmental Services (Sun) of Torrance, CA. Sun Environmental set-up OSHA Class II asbestos containments at each work site; several locations required removal of only a few tiles and in those cases mini-containments were established. AllianceEG inspected the completeness and integrity of each containment and instructed Sun Environmental to begin asbestos removal. All workers performing asbestos removal activities wore disposable full body coveralls and half-face air-purifying respirators, and utilized wet methods and prompt clean-up of asbestos debris.

During asbestos related work, AllianceEG collected environmental air samples from the vicinity of the work area. At the completion of work, and after a visual inspection, final clearance air samples were collected from the interior of the large work areas; small mini-containments were cleared by a final visual inspection by AllianceEG. The samples were analyzed by Phase Contrast Microscopy (PCM) by an AllianceEG microscopist. The AllianceEG microscopist is certified under NIOSH 582 for sampling and evaluating airborne asbestos fibers.

Analysis of the environmental and clearance air samples performed by phase contrast microscopy in accordance with NIOSH Method 7400 indicated that airborne fiber levels in all samples were below the United States Environmental Protection Agency's recommended re-occupancy criteria of 0.01 fibers per cubic centimeter of air. Alfred R. Mercado., a California Certified Asbestos Consultant (CAC) performed the sampling. The attached Certificate of Analysis identifies the location and analytical result for the samples collected.

The air sampling results indicate that at the time and in the locations where the samples were collected, there were no recognized health hazards from airborne asbestos fibers. The South Office Area Containments, as well as the surrounding areas, were cleared for occupancy by construction and office personnel.

Based on the activities at the site, the asbestos removal work was performed in compliance with the requirements of California Occupational Safety and Health Administration (Cal-OSHA) and the South Coast Air Quality Management District (SCAQMD).

All asbestos waste was properly packaged and disposed of as non-hazardous asbestos-containing waste. These materials were transported off-site by Sun Environmental.

Attached are the daily air sample results, a copy of the agency notifications, and worker certificates.

AllianceEG appreciated the opportunity to provide this service to the County of Los Angeles, Internal Services Department.

Should you have any questions about this report, please do not hesitate to contact me at (562) 822-9161.

Sincerely,

ALLIANCE ENVIRONMENTAL GROUP

A. Mercado

Alfred R. Mercado
CAC #00-2761

DAILY AIR SAMPLING RESULTS

ALLIANCE ENVIRONMENTAL GROUP

ALLIANCE ENVIRONMENTAL GROUP

5928 Bixby Village Drive, Suite 142, Long Beach, CA 90803

Phone: (562) 822-9161, Fax: (562) 342-6444

Asbestos Air Sample Log

Client Name: Los Angeles County, ISD

Date: 11/ 30 /12

Address: 3606 W. Exposition Blvd., LA, CA

Inspector: Alfred R. Mercado

Building Name: Probation Dept.

Project No.: ISD1205

Special Instructions: EPA Re-occupancy Threshold **0.01 f/cc**

Analysis Type: **PCM** TEM

Sample No.	Start Time	Stop Time	Total Minutes	Flow Rate (l/m)	Volume (Liters)	Fibers	Result (f/cc)	Location/Type
01	1722	1832	70	10.30 / 10.30	721	0	<0.002	N. Hallway, middle Area (Background)
02	1724	1834	70	10.30 / 10.30	721	0	<0.002	South Hallway middle Area
03	1840	2115	155	5.15 / 5.15	798.3	0	<0.002	S. Hall Containment Decon Clean Rm.
04	2150	2340	110	11.33 / 11.33	1246.3	8	0.003	S. Hall Containment East side (clearance)
05	2154	2345	111	11.33 / 11.33	1257.6	12	0.005	S. Hall Containment west Side
06	0002	0122	80	11.33 / 11.33	906.4	9	0.005	N. Hall containment North
07	0005	0125	80	11.33 / 11.33	906.4	6	0.003	middle
08	—	—		/	—	0	N/A	Blank
				/				
				/				

Chain of Possession

Sampled By: A. Mercado Title: CAC 00-2761 Date: 11/ 30 /12

Relinquished By: _____ Title: _____ Date: _____

Received By: _____ Title: _____ Date: _____

AGENCY NOTIFICATIONS

NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

AQMD

MAIL FORM AND FEE TO SCAQMD, ASBESTOS NOTIFICATIONS, FILE # 55641, LOS ANGELES CA 90074-5641

AQMD USE ONLY	SCREEN BY	RECEIVED	POSTMARK	ENTERED BY	NOTIFICATION #
COMPLETED BY STEVE NU	COMPANY SUN ENVIRONMENTAL ENG. SVCS., INC.		PHONE 310-618-0440		
DATE 11/16/12	CHECK # 3209	FEE $ 168.71		PROJECT #	
NOTIFICATION TYPE	(ORIGINAL)	REVISION DATES	REVISION OTHER (highlight)	CANCELLATION	
PROJECT TYPE	DEMOLITION	ORDERED DEMOLITION	(RENOVATION (removal))	EMERGENCY REMOVAL	PLANNED RENO (annual)
SITE INFORMATION	SITE NAME L.A. COUNTY PROBATION DEPARTMENT				
SITE ADDRESS 3606 W. EXPOSITION BLVD.			CROSS STREET CRENSHAW		
CITY LOS ANGELES	STATE CA	ZIP 90016	COUNTY LOS ANGELES		
DESCRIBE WORK AND LOCATION ACM ABATEMENT					
BUILDING SIZE (SQ FT) <2,000 SF	NUMBER OF FLOORS	BUILDING AGE (YEARS)	NUMBER OF DWELLING UNITS		
BLDG PRIOR / PRESENT USE	COMMERCIAL	HOSPITAL	INDUSTRIAL	Other OFFICE	(PUBLIC BLDG.) Hou se SCHOOL SHIP UNIV/COLLEGE
SITE OWNER L.A. COUNTY PROBATION DEPARTMENT		ADDRESS 3606 W. EXPOSITION BLVD..			
CITY LOS ANGELES	STATE CA	ZIP 90016	CONTACT	PHONE	
REQUIRED BUILDING INFORMATION	ASBESTOS PRESENT? (YES) NO	[1]ASBESTOS SURVEY? YES (NO)	ASBESTOS REMOVED? YES (NO)	BUILDING TO BE DEMOLISHED? YES (NO)	
PROJECT DATES	START 11/30/12	END 12/02/12	WORK SHIFT (day, swing, night)		
*ASBESTOS AMOUNT TO BE REMOVED (in square feet) <2,000 SF	FRIABLE	CLASS I	(CLASS II)	TOTAL AMOUNT (add row) <2,000 SF	
*ASBESTOS REMOVAL FROM	(SURFACES)	PIPES	COMPONENTS		
*AMOUNT OF EACH TYPE OF ASBESTOS (in square feet)	ACOUSTIC CEILING	LINOLEUM	INSULATION	FIRE PROOFING	DUCTING / STUCCO / (MASTIC)
(FLOOR TILES (VAT))	DRY WALL	PLASTER	TRANSITE	ROOFING	OTHER (describe)

CONTRACTOR INFORMATION	CSLB LICENSE # 828734		OSHA REG # 881	AQMD ID # 151874	
NAME SUN ENVIRONMENTAL ENGINEERING SVCS., INC.			ADDRESS P.O. BOX 6877		
CITY TORRANCE	STATE CA	ZIP 90504	SITE SUPVR OSCAR SANCHEZ	PHONE 310-618-0440	
WASTE TRANSPORTER #1 SUN ENV. ENGR. SVCS., INC.			LANDFILL AZUSA LAND RECLAMATION		
ADDRESS P.O. BOX 6877			ADDRESS 1211 WEST GLADSTONE STREET		
CITY TORRANCE	STATE CA	ZIP 90504	CITY AZUSA	STATE CA	ZIP 91702-5142

* Not required for demolition notifications

[1] asbestos surveys are required prior to Demolition and Renovation.

Forms, instructions, and the Rule 1403 can be obtained from AQMD web site http://www.aqmd.gov

SCAQMD NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

MAIL FORM AND FEE TO SCAQMD, ASBESTOS NOTIFICATIONS, FILE # 55641, LOS ANGELES CA 90074-5641

WASTE TRANSPORTER #2 N/A	* WASTE STORAGE SITE N/A
ADDRESS	ADDRESS
CITY STATE ZIP	CITY STATE ZIP

* **CONTROLS:** DESCRIBE WORK PRACTICES AND CONTROLS TO BE USED AT THE RENOVATION AND DEMOLITION SITE. Procedure # (1), 2, 3, 4, 5 or Other

For asbestos removals circle the combination of Rule 1403 procedures used. Procedure 4 and 5 submit plans for AQMD prior approval (See procedure 4/5 guidelines)

* **ASBESTOS DETECTION PROCEDURE:** Circle the procedures and analytical methods used to determine the presence of asbestos in the building. Survey, Bulk Sampling, Inspection, PLM, PCM, TEM, Assumed as Asbestos-PACM, Describe Other (See survey guidelines checklist):

FOR **DEMOLITIONS** GIVE THE COMPANY NAME AND DATES OF THE ASBESTOS REMOVAL: N/A

FOR **ORDERED DEMOLITION** SEND A COPY OF THE ORDER AND GIVE THE AGENCY NAME & PHONE #

AUTHORIZING PERSON: TITLE

DATE OF ORDER: DATE ORDERED TO BEGIN:

* FOR **EMERGENCY ASBESTOS REMOVAL** GIVE THE NAME AND PHONE NUMBER OF THE PERSON DECLARING/AUTHORIZING THE EMERGENCY, DATE AND HOUR OF EMERGENCY AND DESCRIBE THE SUDDEN, UNEXPECTED EVENT (***Disturbed /damaged asbestos requires a procedure 5 plan approval prior to clean-up):***

EXPLAIN HOW THE EVENT WOULD CAUSE UNSAFE CONDITIONS, EQUIPMENT DAMAGE OR UNREASONABLE FINANCIAL BURDEN:

CONTINGENCY PLAN: DESCRIBE ACTIONS TO BE FOLLOWED IF UNEXPECTED ASBESTOS IS FOUND DURING DEMOLITION OR ASBESTOS MATERIAL BECOME DISTURBED, CRUMBLED, PULVERIZED, OR REDUCED TO POWDER. (***Disturbed /damaged asbestos requires a procedure 5 plan approval prior to clean-up):***

* **TRAINING CERTIFICATION:** I certify that an individual trained in the provisions of regulation AQMD Rule 1403 and NESHAP will be on site during the removal and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

Company Name	Print name of owner/operator	Signature of owner/operator	Tittle of owner/operator	Date
SUN ENVIRONMENTAL ENGR. SVCS., INC.	STEVE NU	Steve Nu	PROJECT MANAGER	11/16/12

INFORMATION CERTIFICATION: I certify that the above information is correct and I have enclosed any required attachments.

Company Name	Print name of owner/operator	Signature of owner/operator	Tittle of owner/operator	Date
SUN ENVIRONMENTAL ENGR. SVCS., INC.	STEVE NU	Steve Nu	PROJECT MANAGER	11/16/12

Notifications can not be accepted without the required fee (Rule 301). Asbestos removals of less than 100 square feet are exempt from notification and fees. Please make checks payable to "SCAQMD". Fees are per notification, not refundable, and vary according to the project size. Fees are as follows:

PROJECT SIZE in square feet	DEMOLITION OR REMOVA
1,000 or less	$ 55.18
1,001 to 5,000	$ 168.71
5,001 to 10,000	$ 394.91
10,001 to 50,000	$ 619.24
50,001 to 100,000	$ 897.43
100,001 or more	$ 1,1495.72

ADDITIONAL SERVICE CHARGES	
Special Handling Fee	$ 55.18
Revision to Notification	$ 55.18
Returned Check Fee	$ 25.00
Planned Renovation	$ 619.24
Procedure 4 or 5 Plan	$ 619.24
Expedited 4 or 5 Plan	$ 309.62

ATTENTION: **Keep a copy of your notification.** State law requires that you provide a copy of the demolition notification to Building and Safety before issuance of a demolition permit. For questions call 909-396-2336. Please mail the form and fee to AQMD. Mailing saves time, money and reduces traffic and air pollution

TEMPORARY WORKSITE NOTIFICATION
FOR ASBESTOS RELATED WORK

Company Name:	Sun Env. Eng. Services, Inc. PO Box 6877 PH. 310.618.0440 Torrance, CA 90504
Respirator Protection Program Administrator:	1/2 face Steve Nu
Project Site Name:	LA COUNTY ISD PROBATION DEPARTMENT
Address:	3606 W. EXPOSITION BLVD.
City:	LOS ANGELES
State:	CA ZIP: 90016
Location:	
Nearest X-Street:	CRENSHAW
Name of Supervisor:	OSCAR SANCHEZ
Project Start Date:	11/30/12
Project End Date:	12/02/12
Est. # of Employees:	7
Work Description:	3-D ACM ABATEMENT
Work Class:	CLASS II
Evaluation of Potential for Exposure:	LOW - environmental controls will minimize risk of exposure

OSHA District Offices fax numbers			
Los Angeles	213.576.7461	Santa Ana/Anaheim	714.558.2035
Monrovia/Pico Rivera	626.359.4291	Torrance	310.516.4253
San Bernardino	909.383.6789	Ventura	805.654.4852
San Diego	619.767.2299	West Covina	626.472.7708
Anaheim	714.558.2035		
Sacramento	916.263.2798		
Reddings	503.224.4747		

LACMTA CONTRACT NUMBER: PS 126510029
Tt Project Number: 100-PEN-T28793

Phase I Environmental Site Assessment
Crenshaw/Rodeo Properties
Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506
3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard
Los Angeles, California 90018





Submitted to:

Metro

Los Angeles County Metropolitan Transportation Agency
One Gateway Plaza
Los Angeles, California 90012-2952

Prepared by:

Tetra Tech, Inc.
3475 E. Foothill Boulevard
Pasadena, CA 91107

June 12, 2012

TETRA TECH

June 12, 2012

Ms. Carol Chiodo
Manager
Real Estate Services
Los Angeles County Metropolitan Transportation Agency
One Gateway Plaza, MS 99-18-4
Los Angeles, CA 90012-2952

Subject: **Phase I Environmental Site Assessment**
Crenshaw/Rodeo Properties
Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506
3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard, Los Angeles, California 90018
LACMTA Contract No. PS 126510029

Dear Ms. Chiodo:

Tetra Tech, Inc. is pleased to submit this Phase I Environmental Site Assessment (ESA) report to the L.A. County Metropolitan Transportation Agency for the above-referenced property (the Site).

Tetra Tech found one recognized environmental condition (REC), no historical RECs (HRECs), two potential environmental concerns (PECs), and no business environmental risks (BERs) in connection with the Site.

We appreciate the opportunity to provide you with this service. Should you have any questions or comments regarding this report or our findings, please contact us at your convenience.

Sincerely,

TETRA TECH, INC.

Steven Grod, REA 07806
Senior Scientist
Phone: 949-809-5076

Berwyn Salazar, REA 30340
Project Manager/Engineer
Phone: 626-470-2836

Tanya MacLean
Due Diligence Scientist
Phone: 949-809-5080

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
Crenshaw/Rodeo Properties
Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506
3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard
Los Angeles, California 90018
Project No. 100-PEN-T28793
LACMTA Contract No. PS 126510029

1.0 SUMMARY

Tetra Tech, Inc. was authorized by the Los Angeles County Metropolitan Transportation Agency (LACMTA), on December 14, 2011 to conduct a Phase I Environmental Site Assessment (ESA) of the property referenced as the Crenshaw/Rodeo Properties, Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506 at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California (the Site). The assessment included a visual reconnaissance of the Site, visual inspection of the surrounding properties from curbside, review of historical ownership and use, review of regulatory listings, and interviews with persons knowledgeable about the Site. The following provides a summary of Tetra Tech's findings, opinions, conclusions, and recommendations.

The Site is located on the parcels of land bounded on the north by Exposition Boulevard, on the east by South Bronson Avenue, on the south by Rodeo Road, and on the west by Crenshaw Boulevard in Los Angeles, California. The Site occupies approximately 1.76 acres. According to information on file at the Los Angeles County Assessor's office, the Site is identified as Assessor's Parcel Numbers (APNs) 5044-002-006; 5044-002-007; 5044-002-008; 5044-002-009; and 5044-002-010. According to information on file at the Los Angeles County Assessor's office, Parcel 5044-002-006 is currently owned by Soleiman Ghalili and Louise Ghalili; Parcel 5044-002-007 is currently owned by Lacy K. Oliver; Parcel 5044-002-008 is currently owned by the Ghalili Family Trust; Parcel 5044-002-009 is currently owned by the Ghalili Family Trust; and Parcel 5044-002-010 is currently owned by Masjeid Al Mu-Min.

The property with the MTA designation of CR-4503 is located on Parcel 5044-002-006 is occupied by Yum Yum Donuts (3642 Crenshaw Boulevard), Clean King (3644 Crenshaw Boulevard), and Conroy's Flowers (3646 Crenshaw Boulevard). The building occupied by Yum Yum Donuts is approximately 1,161 square feet in size and was constructed in 1981. Yum Yum Donuts consisted of an ordering/seating area, cooking/preparation area, storage area, office, and dish/equipment washing area. The building occupied by Clean King is approximately 4,000 square feet in size and was constructed in 1981. Clean King is a coin laundry facility. The laundry facility consisted of a customer washing/drying area, a change room for the storage of coins collected from customers, and two areas with water heater/dryer equipment. The building occupied by Conroy's Flowers is approximately 1,824 square feet in size and was constructed in 1981. Conroy's Flowers is a flower shop. The store consisted of a sales floor, refrigerated flower storage area, an office/sales area with associated storage room and a mezzanine storage area.

The property with the MTA designation of CR-4504 is located on Parcel 5044-002-007 and is occupied by the Earlez Grille Chili Factory restaurant (3630 Crenshaw Boulevard). The building occupied by Earlez Grille Chili Factory is approximately 3,495 square feet in size and was constructed in 1968. Earlez Grille Chili Factory consisted of an ordering/seating area, cooking/preparation area, and dish/equipment washing area. The restaurant had refrigerators and freezers for the storage of food products. An exterior storage area was located in the parking area of the east of the building occupied by the restaurant. The

storage area was observed to be used to store spare equipment including propane cylinders. A container used to store used cooking oil/grease was located near to exterior storage area.

The property with the MTA designation of CR-4505 is located on Parcels 5044-002-008 and 5044-002-009 and is occupied by Haven Burgers (3515 Rodeo Road) and a parking area. The building occupied by Haven Burgers is approximately 1,120 square feet in size and was constructed in 1968. Haven Burgers consisted of an ordering/seating area, cooking/preparation area, and dish/equipment washing area. The restaurant had refrigerators and freezers for the storage of food products. A container used to store used cooking oil/grease was located outside of the building in the parking area to the north of the building.

The property with the MTA designation of CR-4506 is located on Parcel 5044-002-010 is occupied by Al-Madinah School (3510 Exposition Boulevard). The building occupied by Al-Madinah School is approximately 6,660 feet in size and was constructed in 1970. The Al-Madinah School is a kindergarten to grade 8 school. One two-story building with nine classrooms (one on the second floor and eight on the first floor), several offices and several storage rooms were observed in the western portion of this parcel. The center of the parcel was open grassy area. The eastern portion of the parcel was occupied by two portable classrooms.

Two monitoring well housing covers were observed at the Site: one adjacent to the east of Conroy's Flowers and one in the parking lot at the southeast corner of the Site that are connected to the groundwater monitoring being performed for Cameo Cleaners located adjacent to the south of the Site (see Section 7.2.2 – SLIC for more details). The remainder of the Site outside the Site buildings is improved with asphalt-paved parking, concrete walkways, and landscaping. No areas of stressed vegetation were observed. No areas of surficial staining were observed except for minor oily-appearing staining from parked vehicles.

According to the historical records reviewed, the Site was undeveloped/vacant from at least 1900 to at least 1947. A gasoline service station was located on-Site from approximately 1947 to 1981 (additional information below). Building permit records indicated a repair garage was located on the east side of the Site (3631 Bronson Avenue) in at least 1948. Building permit records also indicated a restaurant and car wash were located on the eastern side of the Site (3509 Rodeo Road) from 1961 to 1968. No additional information was found regarding the former repair garage or car wash on the eastern side of the Site. The building occupied Haven Burgers (3515 Rodeo Road) was constructed in 1968, the building occupied by Earlez Grille Chili Factory (3630 Crenshaw Boulevard) was constructed in 1968, the building occupied by Al-Madinah School was constructed in 1970, and the buildings occupied by Conroy's Flowers, Yum Yum Donuts, and Clean King were constructed in 1981. The existing Site buildings have been used by either the same tenants since construction or have been used for similar purposes as the current uses since construction.

A gasoline service station was located in the western portion of the Site (Parcels 5044-002-006 and -007) from at least 1948 to at least 1965, and relocated to the southwestern portion of the Site (Parcel 5044-002-006) with a different building and configuration by at least 1969 until 1981. Los Angeles Department of Building and Safety (LADBS) records for 3644 Crenshaw Boulevard indicate that a certificate of occupancy for an auto fueling station was issued in 1948. According to Los Angeles Fire Department (LAFD) records, two 4,000-gallon atmospheric tanks were removed in 1966 and four atmospheric tanks including two 9,940-gallon underground storage tanks (USTs), one 280-gallon UST and one 8,000-gallon UST were relocated, and three atmospheric tanks including two 4,000-gallon USTs and one 1,000-gallon waste oil UST were removed 1968. A LAFD permit for the operation of an auto fueling station under the name Crenshaw Rodeo Gulf at 3630 Crenshaw Boulevard was issued in June 1969. A LAFD permit for the operation of an auto fueling station under the name Mons Gulf Service at 3644 Crenshaw Boulevard was issued in July 1973. Two 10,000-gallon USTs and one 8,000-gallon UST were removed from the

southwestern portion of the Site in March 1981. It is unknown when/if the 280-gallon UST that was apparently also present at this facility was removed. There was no record of formal closure of the USTs by the LAFD (e.g., UST removal report including sampling and analysis of soil samples). No closure letters or no further action letters were found in the LAFD records reviewed with respect to removal of the USTs.

Historical uses of the Site including a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968 are considered to be a recognized environmental condition (REC) to the Site. The gasoline service station was formerly located on the western portion of the Site (current addresses of 3630, 3642, and 3646 Crenshaw Boulevard). The repair garage appears to have formerly been located on the northeast portion of the Site (current address of 3510 Exposition Boulevard). The car wash appears to have formerly been located on the southeast portion of the Site (current address of 3515 Rodeo Road).

Based on the years of construction of the Site buildings (1968, 1970, and 1981), it is possible that asbestos-containing materials (ACMs) are present in the Site buildings. Suspect ACMs observed or inferred during the Phase I ESA Site visits included drywall and associated joint compound, vinyl floor tile and associated mastic, cove base and associated mastic, carpet mastic, acoustic ceiling tiles, ceramic floor tile mastic, stucco, and roofing materials. Observed suspect ACMs in the Site building appeared to be in generally good condition.

Based on the years of construction of the Site buildings (1968, 1970, and 1981), it is possible that lead-based paint (LBP) or other lead-containing materials (LCMs) (e.g., ceramic floor and ceramic wall tile) are present in the Site buildings. The observed painted surfaces and ceramic tile observed at the Site buildings appeared to be in generally good condition.

In conjunction with the Phase I ESA, Tetra Tech performed an Asbestos Hazard Emergency Response Act (AHERA) level, a pre-demolition asbestos survey and LBP/LCM survey using x-ray fluorescent (XRF) equipment and paint chip sampling of all the Site buildings. The results of these surveys are presented in a separate report from this Phase I ESA report.

Earlez Grille Chili Factory and Haven Burgers collect waste cooking grease in exterior dumpster-type containers. Off-Site vendors reportedly collect the waste grease and transport it to an off-Site facility for disposal/recycling in accordance with applicable regulations. No significant staining or other evidence of spills was observed at the Site.

Fluorescent light fixtures were observed inside the Site buildings. Fluorescent light ballasts manufactured prior to 1979 may contain small quantities of PCBs. Due to access limitations, the light ballasts were not examined for labels identifying their PCB content. Two Los Angeles Department of Water and Power (LADWP) owned pad-mounted transformers were observed at the Site. No staining or evidence of leakage associated with the light ballasts and transformers was observed. Based on the years of construction of the Site buildings, it is possible that the fluorescent light ballasts and transformers contain PCBs. A release of transformer fluid would typically be the responsibility of utility provider, LADWP, the owner and operator of the transformer. Based on observed conditions, the presence of potentially PCB-containing fluorescent light ballasts and transformers is considered to be a *de minimis* condition.

Fluorescent lighting (bulbs/tubes) was observed at the Site. Fluorescent bulbs/tubes contain mercury. Evidence of damage or leakage was not observed. The presence of fluorescent lighting is considered to be a *de minimis* condition.

Site observations and the information reviewed for this assessment did not indicate historical RECs (HRECs) or BERs associated with the Site regarding environmental liens, activity and use limitations (AULs), aboveground storage tanks (ASTs), current hazardous materials usage, solid waste management, current hazardous waste management, polychlorinated biphenyls (PCBs), water supply, wastewater, storm water, surface water, wetlands, radon, air emissions, dry cleaners, or environmental non-compliance issues.

The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be potential environmental concerns (PECs) to the Site.

According to information reviewed by Tetra Tech on the State Water Resources Control Board's (SWRCB's) GeoTracker website, groundwater in the vicinity of the Site ranges from approximately 9 to 34 feet below ground surface (bgs). Groundwater flow directions were reported to be highly variable (south-southeast, north, and northwest).

Findings, Opinions, and Conclusions

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following conclusion has been drawn:

- Tetra Tech has performed a Phase I ESA consistent with the scope and limitations of ASTM Standard Practice E1527-05 of the property referenced as the Crenshaw/Rodeo Properties, Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506 at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California. This assessment revealed no evidence of recognized environmental conditions in connection with the Site except for the following:

    - Historical uses of the Site including a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968 are considered to be a REC to the Site.

Tetra Tech has reached the following additional conclusions:

- No HRECs or BERs have been found in connection with the Site.

- The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site.

- The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site.

Recommendations

Based on the information gathered during the performance of this assessment, Tetra Tech's understanding of current regulatory guidelines, and the judgment of Tetra Tech, the following recommendations are presented for consideration:

- A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered as an REC, and adjacent properties considered as a PECs to the Site, have adversely impacted the Site. The investigation should include all Site parcels (CR-4503, CR-4504, CR-4505 and CR-4506).

- During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

2.0 INTRODUCTION

Tetra Tech, Inc. was authorized by the Los Angeles County Metropolitan Transportation Agency (LACMTA), on December 14, 2011 to conduct a Phase I Environmental Site Assessment (ESA) of the property referenced as the Crenshaw/Rodeo Properties, Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506 at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California (the Site). The assessment included a visual reconnaissance of the Site, visual inspection of the surrounding properties from curbside, review of historical ownership and use, visual asbestos and lead-based paint surveys, review of regulatory listings, and interviews with persons knowledgeable about the Site.

This assessment was conducted by Tetra Tech in general accordance with the scope and limitations set forth in LACMTA Contract No. PS 126510029, and the American Society for Testing and Materials (ASTM) Standard Practice E1527-05 document entitled, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process", including all appropriate inquiry.

2.1 PURPOSE AND SCOPE OF SERVICES

The primary purpose of this assessment was to identify recognized environmental conditions (RECs) in connection with the subject property. ASTM defines RECs as the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property.

Information on the Site boundaries was obtained from a drawing showing the Site provided to Tetra Tech by the client, information from agency records, and based on observations made at the Site for boundary features, such as fence lines, driveways, roads, adjacent buildings, etc.

The assessment included a visual reconnaissance of the Site, visual inspection of the surrounding properties from curbside, review of historical ownership and use, visual asbestos and lead-based paint surveys, review of regulatory listings, and interviews with persons knowledgeable about the Site. The following provides a more detailed description of the scope of services:

- Visual inspection of the Site to identify potential for on-Site oil or hazardous material release(s).
- Visual inspection of the Site to evaluate the likelihood that polychlorinated biphenyls (PCBs) are present (i.e., transformers).
- Visual inspection and categorization of the use of abutting and adjacent properties as off-Site potential environmental concerns (PECs).
- Review of local records related to historical ownership, usage and Site development. This also included interviewing local environmental authorities to obtain information regarding complaints, violations, citations, or inspections related to the Site.
- Review of published Federal regulatory records related to on-Site activities and to potential off-Site sources of oil or hazardous material impacts. Federal records reviewed include the following:
    - National Priorities List (NPL)

- Delisted NPL
- CERCLIS
- CERCLIS NFRAP
- CORRACTS
- TSD
- Generators (LQG, SQG)
- Institutional Controls/Engineering Controls
- ERNS

- Review of readily available State regulatory records and publications for environmental activities related to the Site and potential off-Site sources of oil or hazardous material impacts. State records reviewed include the following:

    - Equivalent NPL (Envirostor, Hist Cal-Sites, CA Bond Ex. Plan)
    - Equivalent CERCLIS (Response)
    - Landfill and/or Solid Waste Disposal
    - LUST
    - UST
    - Institutional Controls/Engineering Controls
    - Voluntary Cleanup
    - Brownfields

- Review of proprietary records maintained by Environmental Data Resources, Inc. (EDR).

- Review of readily available historic Site documents to assess for potential on-Site sources of oil or hazardous material impacts.

- Review of readily available aerial photos for the Site and Site vicinity to evaluate present and historical development/facilities.

- Review of readily available plans and documents relative to construction materials utilized at the Site and any historical renovation activities.

- Visual inspection of the interior and exterior of any existing Site structures to note the presence of obvious (visual or olfactory) potential microbial growth and/or moisture intrusion.

- Preparation of a Phase I Environmental Site Assessment report.

2.2 SIGNIFICANT ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

Significant Assumptions

Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered to be accurate and complete. As discussed below in this Section, there are limitations to this assumption.

There were no other significant assumptions made during the conduct of this Phase I ESA.

Limitations and Exceptions

Tetra Tech did not significantly delete or deviate from the scope and limitations set forth in the ASTM Standard Practice E 1527-05 document entitled, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process," except for:

- Review of readily accessible information regarding radon and wetlands.

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. Tetra Tech is not responsible for the independent conclusions, opinions or recommendations made by others based on the records review, Site inspection, field exploration, and laboratory test data presented in this report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and Site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit.

This study is not intended to assess if any soil contamination, waste emplacement, or groundwater contamination exists by subsurface sampling through the completion of soil borings and the installation of monitoring wells. The scope of work, determined by the client, did not include these activities.

Tetra Tech reviewed past ownership of the Site in an attempt to determine past site usage. Tetra Tech is not a professional title insurance firm and makes no guarantee, explicit or implied, that the listing which was reviewed represented a comprehensive delineation of past site ownership or tenancy for legal purposes.

Certain information contained in this report may have been rightfully provided to Tetra Tech by third parties or other outside sources. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. However, Tetra Tech does not make any warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible in the event that any such inaccuracies are present.

Special Terms and Conditions

There were no special terms or conditions associated with this Phase I ESA.

2.3 USER RELIANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities for the Site by the LACMTA for the Crenshaw/LAX Transit Corridor Project. Tetra Tech recognizes that this report is to be used exclusively by the LACMTA. It is a report upon which the LACMTA can rely.

3.0 SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The Site is located on the parcels of land bounded on the north by Exposition Boulevard, on the east by South Bronson Avenue, on the south by Rodeo Road, and on the west by Crenshaw Boulevard in Los Angeles, California. The Site occupies approximately 1.76 acres. According to information on file at the Los Angeles County Assessor's office, the Site is identified as Assessor's Parcel Numbers (APNs) 5044-002-006; 5044-002-007; 5044-002-008; 5044-002-009; and 5044-002-010.

The legal descriptions of the Site parcels are provided in the environmental lien and other activity use limitations (AULs) search reports obtained from Texas Environmental Research and provided in Appendix D.

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The vicinity of the Site can generally be described as primarily a mixed industrial and commercial area of Los Angeles. The location of the Site is shown on Figure 1. The Site and surrounding properties are shown on Figure 2.

3.3 CURRENT USE OF THE PROPERTY

The property with the MTA designation of CR-4503 is located on Parcel 5044-002-006 is occupied by Yum Yum Donuts (3642 Crenshaw Boulevard), Clean King (3644 Crenshaw Boulevard), and Conroy's Flowers (3646 Crenshaw Boulevard). Yum Yom Donuts consisted of an ordering/seating area, cooking/preparation area, storage area, office, and dish/equipment washing area. Clean King is a coin laundry facility. The laundry facility consisted of a customer washing/drying area, a change room for the storage of coins collected from customers, and two areas with water heater/dryer equipment. Conroy's Flowers is a flower shop. The store consisted of a sales floor, refrigerated flower storage area, an office/sales area with associated storage room and a mezzanine storage area.

The property with the MTA designation of CR-4504 is located on Parcel 5044-002-007 and is occupied by the Earlez Grille Chili Factory restaurant (3630 Crenshaw Boulevard). Earlez Grille Chili Factory consisted of an ordering/seating area, cooking/preparation area, and dish/equipment washing area. The restaurant had refrigerators and freezers for the storage of food products. An exterior storage area was located in the parking area of the east of the building occupied by the restaurant. The storage area was observed to be used to store spare equipment including propane cylinders. A container used to store used cooking oil/grease was located near to exterior storage area.

The property with the MTA designation of CR-4505 is located on Parcels 5044-002-008 and 5044-002-009 and is occupied by Haven Burgers (3515 Rodeo Road) and a parking area. Haven Burgers consisted of an ordering/seating area, cooking/preparation area, and dish/equipment washing area. The restaurant had refrigerators and freezers for the storage of food products. A container used to store used cooking oil/grease was located outside of the building in the parking area to the north of the building.

The property with the MTA designation of CR-4506 is located on Parcel 5044-002-010 is occupied by Al-Madinah School (3510 Exposition Boulevard). The Al-Madinah School is a kindergarten to grade 8 school. One two-story building with nine classrooms (one on the second floor and eight on the first floor), several offices and several storage rooms were observed in the western portion of this parcel. The

center of the parcel was open grassy area. The eastern portion of the parcel was occupied by two portable classrooms.

3.4 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER SITE IMPROVEMENTS

The building occupied by Yum Yum Donuts (3642 Crenshaw Boulevard) is approximately 1,161 square feet in size and was constructed in 1981. The building occupied by Clean King (3644 Crenshaw Boulevard) is approximately 4,000 square feet in size and was constructed in 1981. The building occupied by Conroy's Flowers (3646 Crenshaw Boulevard) is approximately 1,824 square feet in size and was constructed in 1981.

The building occupied by Earlez Grille Chili Factory (3630 Crenshaw Boulevard) is approximately 3,495 square feet in size and was constructed in 1968.

The building occupied by Haven Burgers (3515 Rodeo Road) is approximately 1,120 square feet in size and was constructed in 1968.

The building occupied by Al-Madinah School is approximately 6,660 feet in size and was constructed in 1970. In addition, two portables were observed in the eastern portion of this parcel. For a layout of the Site, please refer to Figure 3 – Crenshaw/Rodeo Property.

3.4.1 Exterior Improvements

Two monitoring well housing covers were observed at the Site: one adjacent to the east of Conroy's Flowers and one in the parking lot at the southeast corner of the Site. The monitoring wells are related to a SLIC case for an adjacent property south of the Site beyond Rodeo Road (refer to Section 7.2.2 for additional information). The remainder of the Site outside the Site buildings is improved with asphalt-paved parking, concrete walkways, and landscaping. No areas of stressed vegetation were observed. No areas of surficial staining were observed except for minor oily-appearing staining from parked vehicles.

3.4.2 Building Description

The Site buildings are of wood frame and/or concrete construction with concrete slab-on-grade foundations and no basement areas. The buildings have built-up composition roofing. Interior finishes observed in the Site buildings included acoustic ceiling tile, carpet, vinyl floor tile, spray applied acoustic ceiling material, ceramic floor tile, wood panel, cove base, and drywall. The exterior finishes of the Site buildings included painted concrete, stucco, and wood. The observed building areas appeared to be in generally good condition.

3.4.3 Utilities

Utilities in the area of the Site are provided by:

Water:	Los Angeles Department of Water and Power (LADWP).
Sewer:	City of Los Angeles Bureau of Sanitation.
Natural gas:	Southern California Gas.
Electricity:	LADWP.

No information on other on-Site utilities, such as septic systems, cesspools, irrigation wells, or drinking water wells, was found during this assessment.

SECTION 3 - SUMMARY	
Conclusions	**Recommendations**
The observed groundwater monitoring wells at the Site related to the adjacent Cameo Cleaners south of the Site beyond Rodeo Road is considered to be a PEC to the Site. No evidence of RECs, HRECs, other PECs, or BERs was found in the Site-related information summarized in this Section.	A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if adjacent properties considered to be PECs to the Site have adversely impacted the Site.

4.0 SITE RECONNAISSANCE

4.1 METHODOLOGY AND LIMITING CONDITIONS

Site visits were conducted by Tetra Tech representatives Ms. Tanya MacLean (Due Diligence Scientist) and Mr. Berwyn Salazar (Project Manager) on March 20, 2012, and Mr. Steven Grod (Senior Scientist) and Mr. Berwyn Salazar (Project Manager) on April 17, 2012. Mr. James E. Blackman and Mr. Stephen E. Vollucci of the LACMTA were present during portions of the Site visits.

The Site visits consisted of walk-throughs of the Site and visual reconnaissance of neighboring properties from curbside. In addition to the walk-throughs, readily available resources such as geologic maps, wetland maps, United States Geological Survey (USGS) topographic maps, aerial photographs, and regulatory records were reviewed.

4.2 GENERAL SITE SETTING

The vicinity of the Site can generally be described as primarily a mixed industrial and commercial area of Los Angeles. The Site is located approximately 115 feet above mean sea level (msl) in an area with a topography that slopes downward very gently to the west.

4.3 EXTERIOR AND INTERIOR OBSERVATIONS

4.3.1 Exterior Observations

There were no other exterior observations other than those previously described in Sections 3.3, 3.4, and 3.4.1.

4.3.2 Interior Observations

There were no other interior observations other than those previously described in Sections 3.3, 3.4, and 3.4.2.

4.4 STORAGE TANKS

4.4.1 Underground Storage Tanks (USTs)

A gasoline service station was located in the western portion of the Site (Parcels 5044-002-006 and -007) from at least 1948 to at least 1965, and relocated to the southwestern portion of the Site (Parcel 5044-002-006) with a different building and configuration by at least 1969 until 1981. Los Angeles Department of Building and Safety (LADBS) records for 3644 Crenshaw Boulevard indicate that a certificate of occupancy for an auto fueling station was issued in 1948. According to Los Angeles Fire Department (LAFD) records, two 4,000-gallon atmospheric tanks were removed in 1966 and four atmospheric tanks including two 9,940-gallon underground storage tanks (USTs), one 280-gallon UST and one 8,000-gallon UST were relocated, and three atmospheric tanks including two 4,000-gallon USTs and one 1,000-gallon waste oil UST were removed 1968. A LAFD permit for the operation of an auto fueling station under the name Crenshaw Rodeo Gulf at 3630 Crenshaw Boulevard was issued in June 1969. A LAFD permit for the operation of an auto fueling station under the name Mons Gulf Service at 3644 Crenshaw Boulevard was issued in July 1973. Two 10,000-gallon USTs and one 8,000-gallon UST were removed from the

southwestern portion of the Site in March 1981. It is unknown when/if the 280-gallon UST that was apparently also present at this facility was removed. There was no record of formal closure of the USTs by the LAFD (e.g., UST removal report including sampling and analysis of soil samples). No closure letters or no further action letters were found in the LAFD records reviewed with respect to removal of the USTs. Former use of the western portion of the Site (current addresses of 3630, 3642, and 3646 Crenshaw Boulevard) as a gasoline service station from 1948 to 1981 is considered to be a REC to the Site.

No visual evidence (i.e., pipes, vents, and dispensers) indicating existing or other historic on-Site USTs was observed at the Site. No information from Site history research and review of records and/or databases maintained by City, County, State, and Federal agencies revealed the presence of existing or other historic USTs at the Site.

4.4.2 Aboveground Storage Tanks (ASTs)

No visual evidence (i.e., concrete foundation or containment walls, pedestals, or steel support structures) indicating existing or historic on-Site ASTs was observed at the Site. No information from Site history research and review of records and/or databases maintained by City, County, State, and Federal agencies revealed the presence of existing or historic ASTs at the Site.

4.5 HAZARDOUS MATERIAL USAGE

With the exception of small quantities of typical cleaning supplies, no hazardous materials were observed during the Site visit. No significant staining or other evidence of spills was observed at the Site.

4.6 SOLID WASTE MANAGEMENT

Solid waste generated at the Site is collected in dumpster enclosures located behind each of the Site buildings. Tetra Tech observed no evidence of inappropriate solid waste disposal during this assessment. No staining or evidence of hazardous substance disposal was observed inside or around the dumpsters.

Earlez Grille Chili Factory and Haven Burgers collect waste cooking grease in exterior dumpster-type containers. Off-Site vendors reportedly collect the waste grease and transport it to an off-Site facility for disposal/recycling in accordance with applicable regulations. No significant staining or other evidence of spills was observed at the Site.

4.7 HAZARDOUS WASTE MANAGEMENT

No hazardous wastes were observed during the Site inspection. Used cooking grease is a regulated, but not hazardous, waste.

4.8 POLYCHLORINATED BIPHENYLS (PCBS) CONTAINING EQUIPMENT

Fluorescent light fixtures were observed inside the Site buildings. Fluorescent light ballasts manufactured prior to 1979 may contain small quantities of PCBs. Due to access limitations, the light ballasts were not examined for labels identifying their PCB content. Evidence of damage or leakage was not observed. Based on the years of construction of the Site buildings, it is possible that fluorescent light ballasts containing PCBs are present in the Site buildings. The presence of fluorescent light fixtures is considered to be a *de minimis* condition.

One pad-mounted transformer was observed north of the building occupied by Conroy's Flowers, and one pad-mounted transformer was observed east of the building occupied by Earlez Grille Chili Factory. No staining or evidence of leakage was observed on or around the transformer. Based on the years of construction of the Site buildings, it is possible that the transformer fluid contains PCBs. A release of transformer fluid would typically be the responsibility of utility provider, LADWP, the owner and operator of the transformer. Based on observed conditions and LADWP ownership, the presence of potentially PCB-containing transformers is considered to be a *de minimis* condition.

4.9 MERCURY

Fluorescent lighting (bulbs/tubes) was observed at the Site. Fluorescent bulbs/tubes contain mercury. Evidence of damage or leakage was not observed. The presence of fluorescent lighting is considered to be a *de minimis* condition. No mercury thermostats were observed at the Site.

4.10 WATER, WASTEWATER, AND STORM WATER

4.10.1 Water Supply

Potable water in the area of the Site is provided by the LADWP. Site reconnaissance and review of local records did not reveal the presence of on-Site water supply or irrigation wells. According to the EDR database report, no public water supply wells were reported to be located within a one-quarter mile radius of the Site.

4.10.2 Wastewater

Domestic wastewater generated at the Site is discharged to the City of Los Angeles Bureau of Sanitation sanitary sewer system.

The on-Site restaurants (Earlez Grille Chili Factory and Haven Burgers) each have an industrial wastewater permit issued by the Los Angeles Bureau of Sanitation, Industrial Wastewater Management (LABS IWM). The wastewater generated from washing activities (dishes, equipment, and floors) contains fats, oils, and grease (FOG). Per permit requirements, wastewater from each on-Site restaurant is passed through a sanitary screen prior to discharge to the municipal sewer system.

4.10.3 Storm Water

No concerns regarding the management of storm water at the Site were found during this assessment. Storm water is expected to flow onto surrounding streets and into the municipal storm water system.

4.11 AIR EMISSIONS

There were no observed Site operations involving emissions that appeared to require permitting, emission controls, or abatement activities. The EDR database report did not list the Site with existing or historic air emissions. Review of additional regulatory agency records did not disclose information for existing or historic air emissions for the Site. This should not be considered a regulatory compliance audit.

4.12 DRY CLEANING OPERATIONS

Site reconnaissance, interviews with Site representatives, as well as review of available municipal records and regulatory records, did not reveal the presence of current or historic on-Site dry cleaning operations.

4.13 SITE-SPECIFIC ENVIRONMENTAL ISSUES

No Site-specific environmental issues were found in the Site-related information summarized in this Section, except as noted below.

SECTION 4 - SUMMARY	
Conclusions	**Recommendations**
Historical uses of the Site including a gasoline service station from 1948 to 1981 are considered to be a REC to the Site. The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site. No evidence of other RECs, HRECs, other PECs, or BERs was found in the Site-related information summarized in this Section.	A subsurface investigation including soil, soil gas and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered to be a REC have adversely impacted the Site. During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

5.0 CURRENT USES OF ADJOINING PROPERTIES

The vicinity of the Site can generally be described as primarily a mixed industrial and commercial area of Los Angeles. Adjoining properties observed during the Site vicinity reconnaissance are described below (refer to Figure 2 for specific locations of surrounding properties).

North: Beyond Exposition Boulevard is the West Angeles Cathedral (3600 Crenshaw Boulevard). MTA tracks/station are located along the central part of Exposition Boulevard.

South: Beyond Rodeo Road is a multi-tenant commercial property with tenants including Cameo Cleaners (3650 Crenshaw Boulevard and 3500 Rodeo Road).

East: Beyond South Bronson Avenue are Steeldeck Platform Systems (3335 Exposition Place) and a residential property (3423 Rodeo Road).

West: Beyond Crenshaw Boulevard are a multi-tenant commercial property (3631 Crenshaw Boulevard), the County of Los Angeles Probation Department (3606 Exposition Boulevard), a Shell gasoline service station with a car wash (3645 Crenshaw Boulevard), and a multi-tenant commercial property with tenants including Dental Playground and Comet Cleaners (3651 Crenshaw Boulevard).

The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site (refer to Section 7.2 for additional information).

Based on the inspection of the adjoining properties from curbside and review of information obtained from review of the EDR database report (Section 7.2) and/or local agencies, and depth to groundwater in the Site vicinity, no other specific off-Site facilities were found that are considered to be a REC or PEC to the Site.

SECTION 5 - SUMMARY	
Conclusions	**Recommendations**
The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site. No evidence of RECs, HRECs, other PECs, or BERs was found in the information summarized in this Section.	A subsurface investigation including soil, soil gas and groundwater sampling and analysis is recommended to evaluate if adjacent properties considered to be PECs to the Site have adversely impacted the Site.

6.0 USER PROVIDED INFORMATION

6.1 LAND TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULS)

No information regarding environmental liens or AULs was provided to Tetra Tech by the LACMTA.

Tetra Tech requested a search for environmental liens and AULs from Texas Environmental Research. No environmental liens or AULs were found for the Site parcels. Copies of the reports from Texas Environmental Research are provided in Appendix D.

6.2 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No commonly known or reasonably ascertainable information for the Site was provided to Tetra Tech by the LACMTA during this Phase I ESA except for the Site location, current Site occupants, and Site APNs.

6.3 SPECIALIZED KNOWLEDGE OR EXPERIENCE

No specialized knowledge or experience with respect to the Site was provided to Tetra Tech by the LACMTA during this Phase I ESA

6.4 ACTUAL KNOWLEDGE

No actual knowledge with respect to the Site was provided to Tetra Tech by the LACMTA during this Phase I ESA except for the Site location, current Site occupants, and Site APNs.

6.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

No information indicative of a valuation reduction for environmental issues with respect to the Site was provided to Tetra Tech by the LACMTA during this Phase I ESA.

6.6 REASONS FOR PHASE I ESA PERFORMANCE

Tetra Tech understands that this Phase I ESA has been requested as a part of the due diligence activities by the LACMTA for the Site as part of the Crenshaw/LAX Transit Corridor Project.

SECTION 6 - SUMMARY	
Conclusions	**Recommendations**
No evidence of RECs, HRECs, PECs, or BERs was found in the Site-related information summarized in this Section.	None.

7.0 RECORDS REVIEW

7.1 PHYSICAL SETTING

The Site is located within the Central Subbasin of the Los Angeles Basin (California Department of Water Resources [CADWR], 2004). The Los Angeles Basin is a structurally complex Miocene-age depositional basin which encompasses the entire Los Angeles physiographic basin, as well as the Santa Monica Mountains, San Fernando Valley, San Gabriel Valley, the southern foothills of the San Gabriel Mountains, much of the northern Santa Ana Mountains, and the San Joaquin and Palos Verdes Hills (Yerkes, et al., 1965). The Los Angeles Basin includes the low portions of the Los Angeles coastal plain, the Coyote Hills uplift, the La Habra Valley, the San Joaquin Hills, the Newport and Huntington Beach mesas, and the Santa Ana Mountains.

According to the EDR database report, the Site area is underlain by soils of the Urban Land series with variable soil surface texture. No soils information for the Site area was found on the Web Soil Survey website maintained by the United States Department of Agriculture (USDA), National Resources Conservation Services (NRCS).

According to information reviewed by Tetra Tech on the State Water Resources Control Board's (SWRCB's) GeoTracker website, groundwater in the vicinity of the Site ranges from approximately 9 to 34 feet below ground surface (bgs). Groundwater flow directions were reported to be highly variable (south-southeast, north, and northwest).

7.2 STANDARD ENVIRONMENTAL RECORD SOURCES

Tetra Tech procured and reviewed a computer-generated database report from Environmental Data Resources (EDR). The EDR database report may be referenced in Appendix B. A review of databases and files from Federal, State, and local environmental regulatory agencies was conducted to identify use, generation, storage, treatment or disposal of hazardous materials and chemicals, or release incidents of such materials which may impact the Site. The databases discussed in the following section address ASTM requirements. Additional Federal and State databases were reviewed. Please refer to the EDR report for a detailed listing.

Included in the EDR report is an orphan summary. This summary lists facilities that are contained on one of the above-referenced databases or lists, but for which complete or accurate geographic data was not available. Consequently, EDR was unable to map the facilities in relation to the Site. This list was reviewed during Site reconnaissance to evaluate whether the properties referenced are within ASTM search distances. Properties within ASTM distances were incorporated into Tetra Tech's review.

A summary of the EDR database information is provided in Table 7.2.

Table 7.2 – EDR Database Summary

Database	Radius	Target Property	Surrounding Facilities
Federal			
National Priorities List (NPL)	1 Mile	No	0
Proposed NPL	1 Mile	No	0
Delisted NPL	1 Mile	No	0

Table 7.2 – EDR Database Summary			
Database	**Radius**	**Target Property**	**Surrounding Facilities**
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	½ Mile	No	0
CERCLIS No Further Remedial Action Planned Sites (NFRAP)	½ Mile	No	0
Resource Conservation and Recovery Act (RCRA) Corrective Action Treatment, Storage, and Disposal (TSD) Facilities (CORRACTS)	1 Mile	No	0
RCRA Non-Corrective Action (TSD) Facilities	½ Mile	No	0
RCRA Waste Generators	Site and adjacent	No	4
RCRA Waste Non-Generators	Site and adjacent	No	0
US Brownfields	½ Mile	No	1
Institutional Control/Engineering Control (IC/EC)	Site	No	-
DOD	1 Mile	No	0
FUDS	1 Mile	No	0
ROD	1 Mile	No	0
Emergency Response Notification System (ERNS)	Site	No	0
State and Tribal			
Bond Expenditure Plan (BEP)	1 Mile	No	0
Hist Cal-Sites	1 Mile	No	0
Response	1 Mile	No	0
Envirostor	1 Mile	No	2
California Hazardous Material Incident Report System (CHMIRS)	Site	No	-
Cortese/Hist Cortese	1 Mile	No	5
Notify 65	1 Mile	No	0
Toxic Pits	1 Mile	No	0
Solid Waste Information System (SWF/LF)	½ Mile	No	0
Waste Management Unit Database System/Solid Waste Assessment Test (WMUDS/SWAT)	½ Mile	No	0
Leaking Underground Storage Tank (LUST) databases	½ Mile	No	11
Underground Storage Tank (UST) databases	Site and adjacent	No	3
Aboveground Storage Tank (AST)	Site and adjacent	No	0
Spills, Leaks, Investigation, and Cleanup (SLIC)	½ Mile	No	8
Well Investigation Program (WIP)	¼ Mile	No	0
Voluntary Cleanup Plan (VCP)	½ Mile	No	0
Deed Restriction Listing (DEED)	½ Mile	No	0
HWP	1 Mile	No	0
Tribal databases	Various	No	0
Drycleaners	¼ Mile	No	1
EDR Proprietary Databases			
Manufactured Gas Plants	1 Mile	No	1
EDR Historical Auto Stations	¼ Mile	No	6
EDR Historical Cleaners	¼ Mile	No	6

7.2.1 Federal Regulatory Records

Neither the Site nor any off-Site properties located within ASTM search distances were reported by EDR to be listed on the NPL, Proposed NPL, Delisted NPL, CERCLIS, CERCLIS NFRAP, CORRACTS, TSD, RCRA Waste Non-Generators, IC/EC, DOD, FUDS, ROD, and ERNS databases.

The Site was not listed in the remaining Federal regulatory databases in Table 7.2. Several off-Site facilities located within ASTM search distances were reported by EDR to be listed on the following of the remaining State regulatory databases in Table 7.2: RCRA Waste Generators, and US Brownfields. Adjacent property listings are discussed below. Refer to the EDR database report in Appendix B for information regarding all of the listings. Based on information contained in the EDR database report, distance from the Site, presumed groundwater flow direction, and/or regulatory agency status, there was no information indicating a REC or PEC to the Site from the off-Site listed facilities except as noted below.

RCRA Waste Generators

Montique Corp. (3411 Exposition Place) was formerly located adjacent to the northeast of the Site beyond South Bronson Avenue (approximately 175 feet). Montique Corp. was listed as a Small Quantity Generator (SQG) in 1994. Hazardous waste types reported to have been generated by Montique Corp. included aqueous solution with total organic residues less than 10 percent and unspecified solvent mixture between 1998 and 1999. No violations were listed for this facility. This facility was not listed as having had a release of hazardous waste. Based on the distance from the Site and lack of violations or release listings, this nearby former hazardous waste generator is not considered to be of environmental concern to the Site.

Shell Service Station/Rodeo Shell/Hong's Shell (3645 Crenshaw Boulevard) is located adjacent to the west of the Site beyond Crenshaw Boulevard (approximately 100 feet). This facility was listed as a SQG in 2002. Hazardous waste types reported to have been generated at the Shell Service Station between 2002 and 2008 included ignitable hazardous wastes, benzene, other organic solids alkaline solution without metals, tank bottom waste, waste oil and mixed oil, and aqueous solution with total organic residues less than 10 percent. No violations were listed for this facility. The adjacent Shell Service Station was listed in the LUST database as discussed in section 7.2.2 (LUST) and is considered to be a PEC to the Site.

20th Century Plastics (3628 South Crenshaw Boulevard) was formerly located adjacent to the north of the Site beyond Exposition Boulevard (approximately 100 feet). This facility was listed as a SQG in 1996. Wastes historically generated by this tenant included tank bottom waste in 1997. No violations were listed for this facility. This facility was listed in the LUST database as discussed in section 7.2.2 (LUST).

System 3 Cleaners (3631 South Crenshaw Boulevard) was formerly located adjacent to the northwest of the Site beyond the intersection of Crenshaw Boulevard and Exposition Boulevard (approximately 225 feet). This facility was listed as a SQG in 1991. The types of hazardous wastes historically generated by this facility were not provided. No violations were listed for this facility. This facility was listed in the SLIC database as discussed in Section 7.2.2 (SLIC).

Smith Maintenance Communication (3611 Exposition Place [Boulevard]) was formerly located adjacent to the northwest of the Site beyond the intersection of Crenshaw Boulevard and Exposition Boulevard (approximately 225 feet). This facility was listed as a SQG in 1994. The types of wastes historically generated by this tenant were not provided. No violations were listed for this facility. This facility was not listed as having had a release. Based on the distance from the Site and lack of violations or release

listings, this nearby hazardous waste generator is not considered to be of environmental concern to the Site.

7.2.2 State Regulatory and EDR Proprietary Records

Neither the Site nor any off-Site properties located within ASTM search distances were reported by EDR to be listed on the BEP, HIST Cal-Sites, Response, CHMIRS, Notify 65, Toxic Pits, SWF/LF, WMUDS/SWAT, AST, WIP, VCP, DEED, HWP, and Tribal databases.

The Site was not listed in the remaining State regulatory databases in Table 7.2. The Site was listed in the non-ASTM HAZNET and FINDS databases. Several off-Site facilities located within ASTM search distances were reported by EDR to be listed on the following of the remaining State regulatory databases in Table 7.2: Envirostor, Cortese/HIST Cortese, LUST, UST, SLIC, and Drycleaners. The Site and adjacent property listings are discussed in the subsections below. Refer to the EDR database report in Appendix B for information regarding all of the listings. Based on information contained in the EDR database report, distance from the Site, presumed groundwater flow direction, and/or regulatory agency status, there was no information indicating a REC or PEC to the Site from the off-Site listed facilities except as noted in the subsections below.

Cortese/HIST Cortese

20th Century Plastics (3628 South Crenshaw Boulevard) was formerly located adjacent to the north of the Site beyond Exposition Boulevard (approximately 100 feet). This facility was listed in the HIST Cortese database. No additional information was provided with this listing. This listing is presumed to be related to the LUST listing for this facility outlined below.

LUST

Shell Service Station/Rodeo Shell/Hong's Shell (3645 Crenshaw Boulevard) is located adjacent to the west of the Site beyond Crenshaw Boulevard (approximately 100 feet). This facility was listed in the LUST database as having had a release of "other solvent or non-petroleum solvent" that impacted groundwater in 2009. The status for this listing is open – site assessment. Tetra Tech reviewed the most recent groundwater monitoring report (2nd Quarter 2011) for this facility (URS, 2011). The groundwater monitoring well located closest to the Site (designated MW-4) is approximately 40 feet west of the western Site boundary (west of Yum Yum Donuts). Groundwater monitoring well MW-4 had detectible levels of several analytes including elevated concentrations of total petroleum hydrocarbons as gasoline (TPH-g; 443 micrograms per liter [µg/L]), benzene (54.1 µg/L), and tertiary butyl alcohol (TBA; 31.9 µg/L). The concentration of benzene is above the California Department of Public Health (CDPH) maximum contaminant level (MCL) for benzene in drinking water of 1 µg/L. The concentration of TBA is above the CDPH notification level for TBA in drinking water of 12 µg/L. There is no specific MCL or notification level for TPHg. Iso-contour maps showing concentrations of TPH-g, benzene, and TBA in groundwater depicted impacted groundwater approximately 10 to 25 feet west of the Site at the closest point. It should be noted that the contours lines west of groundwater monitoring well MW-4 were noted as being inferred. It is, therefore, unknown if groundwater impacted by the Shell Service Station has impacted groundwater beneath the Site. The groundwater flow direction at the Shell Service Station and surrounding area was reported to be to the south to southeast. Based on the information in the URS (2011) groundwater monitoring report discussed above, the adjacent Shell Service Station is considered to be a PEC to the Site.

20th Century Plastics (3628 South Crenshaw Boulevard) was formerly located adjacent to the north of the Site beyond Exposition Boulevard (approximately 100 feet). This facility was listed in the LUST database as having had a release of "other solvent or non-petroleum solvent" that impacted the soil. The status for this listing is completed – case closed in 2000. This facility was also listed in the SLIC

database outlined below. Based on the regulatory status, this adjacent LUST case is not considered to be of environmental concern to the Site.

UST

Kas Tex Corporation (3411 Exposition Place) was formerly located adjacent to the northeast of the Site beyond South Bronson Avenue (approximately 175 feet). This facility was listed in the CA FID UST, HIST UST and SWEEPS UST databases as having had one 1,000-gallon capacity diesel UST. This facility was not listed in the LUST database. Based on the regulatory status, this former adjacent UST facility is not considered to be of environmental concern to the Site.

Shell Service Station/Rodeo Shell/Hong's Shell (3645 Crenshaw Boulevard) is located adjacent to the west of the Site beyond Crenshaw Boulevard (approximately 100 feet). This facility was listed in the UST, CA FID UST and HIST UST databases as having had three 10,000-gallon gasoline USTs. This property was listed in the LUST database as discussed in the pertinent subsection and is considered to be a PEC to the Site.

SLIC

Cameo Cleaners (3650 Crenshaw Boulevard) is currently located adjacent to the south of the Site beyond Rodeo Road (approximately 80 feet). This facility was listed in the SLIC database as having had a release of VOCs that impacted groundwater. The status for the case is Open – Remediation. Tetra Tech reviewed the most recent soil vapor extraction and groundwater monitoring report (4th Quarter 2010) for this facility (Bower Environmental Consulting, 2011). Soil vapor extraction is currently ongoing at this facility. VOCs in groundwater at concentrations above the CDPH MCLs are tetrachloroethylene (PCE; MCL of 5 µg/L), trichloroethylene (TCE; MCL of 5 µg/L), and cis-1,2-dichloroethylene (cis-1,2-DCE; MCL of 6 µg/L). Two groundwater monitoring wells associated with this SLIC case are located within the boundaries of the Site. Groundwater monitoring well MW-5 is located in the parking lot at the southeast corner of the Site. Groundwater monitoring well MW-8 is located adjacent to the east of Conroy's Flowers. During the 4th Quarter 2010 groundwater monitoring event, no detectable concentrations of PCE, TCE, cis-1,2-DCE, or other analyzed VOCs were detected in groundwater monitoring wells MW-5 and MW-8. Historically, PCE has been detected in groundwater monitoring well MW-5 at concentrations ranging from 0.56 to 8.5 µg/L. The only monitoring event where the detected PCE concentration was above the CDPH MCL was in 2003. PCE has been detected in groundwater monitoring well MW-5 only one time since the March 2004 groundwater monitoring event. Historically, cis-1,2-DCE was been detected in groundwater monitoring well MW-8 one time: at a concentration of 0.52 µg/L in the May 2010 groundwater monitoring event. Iso-contour maps showing concentrations of PCE, TCE, and cis-1,2-DCE in groundwater depicted impacted groundwater approximately 10 to 50 feet south of the Site at the closest point. The groundwater flow direction at the Cameo Cleaners and surrounding area was reported to be to the northwest. Although the most recent groundwater monitoring report indicates no impact to groundwater beneath the Site with PCE, TCE, cis-1,2-DCE, or other analyzed VOCs, the adjacent Cameo Cleaners is considered to be a PEC to the Site based on the upgradient location from the Site.

20th Century Plastics (3628 South Crenshaw Boulevard) was formerly located adjacent to the north of the Site beyond Exposition Boulevard (approximately 100 feet). This facility was listed in the SLIC database as having had a release of VOCs that impacted an undesignated medium. The status for the case is closed and no further action required in 1994. Based on the regulatory status, the former 20th Century Plastics facility is not considered to be of environmental concern to the Site.

System Cleaners (3631 South Crenshaw Boulevard) was formerly located adjacent to the northwest of the Site beyond the intersection of Crenshaw Boulevard and Exposition Boulevard (approximately 225 feet). This facility was listed in the SLIC database as having had a release of VOCs that impacted an

undesignated medium. The status for the case was listed as open – site assessment as of 1996 but is currently an inactive case. No additional information was available in the EDR database report or on the SWRCB's GeoTracker website. Based on the distance from the Site, the former System Cleaners SLIC case is not considered to be of environmental concern to the Site.

Drycleaners

Cameo Cleaners (3650 Crenshaw Boulevard) is currently located adjacent to the south of the Site beyond Rodeo Road (approximately 80 feet). This facility was listed in the Drycleaners database as being active from at least 1990. This facility was listed in the SLIC database as discussed in the pertinent subsection and is considered to be a PEC to the Site.

EDR Historical Auto Stations

Shell Service Station/Rodeo Shell/Hong's Shell (3645 Crenshaw Boulevard) is located adjacent to the west of the Site beyond Crenshaw Boulevard (approximately 100 feet). This facility was listed as a historical auto station in 1994. This property was listed in the LUST database as discussed in the pertinent subsection and is considered to be a PEC to the Site.

EDR Historical Cleaners

Cameo Cleaners (3650 Crenshaw Boulevard) is currently located adjacent to the south of the Site beyond Rodeo Road (approximately 80 feet). This facility was listed as a historical cleaner in 1994. This facility was listed in the SLIC database as discussed in the pertinent subsection and is considered to be a PEC to the Site.

Blue Bird Laundry Corp. Ltd. (3662 Crenshaw Boulevard) was formerly located approximately 200 feet south of the Site on the adjacent property to the south beyond Rodeo Road. This facility was listed as a historical cleaner in 1937. This facility was not listed as having had a release. Based on the distance from the Site, this nearby historical cleaner is not considered to be of environmental concern to the Site.

Blue Bird Laundry (3622 Crenshaw Boulevard) was formerly located approximately 300 feet north of the Site on the property to the north beyond Exposition Boulevard. This facility was listed as a historical cleaner in 1933. This facility was not listed as having had a release. Based on the distance from the Site, this nearby historical cleaner is not considered to be of environmental concern to the Site.

Monarch Laundry Co. Inc. (3612 Crenshaw Boulevard) was formerly located approximately 400 feet north of the Site on the property to the north beyond Exposition Boulevard. This facility was listed as a historical cleaner in 1933 to 1942. This facility was not listed as having had a release. Based on the distance from the Site, this nearby historical cleaner is not considered to be of environmental concern to the Site.

HAZNET

Conroy's (Site - 3646 Crenshaw Boulevard) was listed in the HAZNET database as generating waste in the form of photochemicals/photoprocessing waste in the years 1996 and 1997. This facility was not listed in any databases as having had a release or violations and was not listed in any other databases. Based on the agency status, this HAZNET listing for the Site is not considered to be of environmental concern to the Site.

FINDS

Al-Madinah School (Site – 3510 Exposition Place) was listed in the FINDS database. The FINDS listing is a "pointer" to other databases and appears to refer to the National Compliance Data Base which supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). This system tracks inspections in regions and states with

cooperative agreements, enforcement actions, and settlements. This facility was not listed in any databases as having had a release or violations and was not listed in any other databases. Based on the agency status, this HAZNET listing for the Site is not considered to be of environmental concern to the Site.

7.3 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Current Site addresses include 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard. Historical Site addresses include 3501, 3505, and 3519 Rodeo Road, 3502 Exposition Boulevard, and 3631, 3633, 3635, 3639 and 3645 South Bronson Avenue. Tetra Tech requested records for the Site maintained by various agencies (see below) and/or reviewed information on publicly accessible agency websites for all the current and historical addresses.

California EPA, Department of Toxic Substances Control (Cal-EPA DTSC)
Tetra Tech requested records for the Site maintained by the Cal-EPA DTSC. No records were found for the Site.

California Division of Oil, Gas and Geothermal Resources (CADOGGR)
Tetra Tech reviewed the CADOGGR Online Mapping Database. The Site is not located within the limits of an oil field. No on-Site or adjacent oil or gas wells were noted. Only one well, a plugged and abandoned dry well, is located within ¼ mile of the Site. The well was located approximately 0.15 miles northeast of the Site.

California State Fire Marshal (CSFM)
Tetra Tech requested records for underground oil and refined product pipelines at or adjacent to the Site. No pipelines jurisdictional to the CSFM were found in the area of the Site.

National Pipeline Mapping System (NPMS)
Tetra Tech reviewed the NPMS website interactive mapping system for underground pipelines at or adjacent to the Site. No underground liquid pipelines were depicted at or adjacent to the Site.

California Regional Water Quality Control Board – Los Angeles Region (LARWQCB)
Tetra Tech requested records for the Site maintained by the LARWQCB. No records were found for the Site.

South Coast Air Quality Management District (SCAQMD)
Tetra Tech reviewed publicly accessible records maintained by the SCAQMD on their website in the Facility INformation Detail (FIND) database. No records were found for the Site.

Los Angeles Department of Building and Safety (LADBS)
Tetra Tech reviewed permit information for the Site on file at the LADBS. Permits observed for the Site included:

- A permit for a picture theatre for kids (3640 Crenshaw Boulevard) in 1946.
- A permit for a hot dog stand (3646 Crenshaw Boulevard) in 1947.
- A permit for a service station (3630 Crenshaw Boulevard) in 1947.
- A permit for a repair garage (3631 Bronson Avenue) in 1948.
- A permit for a 1-story hamburger stand (3641 Bronson Avenue) in 1948.
- A permit for a car wash and food establishment (3505 Rodeo Road) in 1950.
- A permit for an upholstery shop (3505 Rodeo Road) in 1953.

- A permit to convert an upholstery shop to an auto seat cover shop (3505 Rodeo Road) in 1953.
- A permit for a 1-story service station and auto repair facility (3630 Crenshaw Boulevard) in 1964.
- A permit to demolish a car wash (3509 Rodeo Road) in 1968.
- A permit for a retail food service facility with parking (3515 Rodeo Road) in 1968.
- A permit for a service station with minor auto repair (3644 Crenshaw Boulevard) in 1969.
- A permit for a drive through film drop (3519 Rodeo Road) in 1969.
- A permit for a 2-story day care center in 1970.
- A permit for a flower shop (3646 Crenshaw Boulevard) in 1981.
- A permit for a donut shop (3642 Crenshaw Boulevard) in 1981.
- A permit for a laundromat (3644 Crenshaw Boulevard) in 1981.
- A permit for a one-story key booth (3519 Rodeo Road) in 1996.
- A permit to demolish a key booth (3519 Rodeo Road) in 1996.

Other observed permits were for various tenant improvements. According to information LADBS as well as the Los Angeles Planning Department (LAPD), the Site is located outside of City-designated methane zone and methane buffer zones.

Los Angeles Fire Department (LAFD)

Tetra Tech requested records for the Site from the LAFD. No records were found for the Site by the Hazardous Materials Division of the LAFD. Records were found by the UST Division for 3630 Crenshaw Boulevard and 3644 Crenshaw Boulevard.

3644 Crenshaw Boulevard

The records included a certificate of occupancy for a service station in 1948 and a permit for the installation of two atmospheric tanks in 1966.

A permit for the abandonment of two atmospheric tanks was dated 1966. According to a notification of tank abandonment form, two 4,000-gallon USTs were removed from this facility in January 1966. The notification of underground tank abandonment form included a signature indicating that the abandonment work was inspected by a fire inspector.

A permit for the relocation of four atmospheric tanks including two 9,940-gallon USTs, one 280-gallon UST and one 8,000-gallon UST and the abandonment of three atmospheric tanks was dated 1968. According to a notification of tank abandonment form, three USTs including two 4,000-gallon USTs and one 1,000-gallon waste oil UST were removed from this facility in 1968. The notification of underground tank abandonment form did not include a signature indicating that the abandonment work was inspected by a fire inspector.

A fire permit for the operation of an auto fueling station under the name Mons Gulf Service at 3644 Crenshaw Boulevard was issued in July 1973.

3630 Crenshaw Boulevard

A fire permit for the operation of an auto fueling station under the name Crenshaw Rodeo Gulf at 3630 Crenshaw Boulevard was issued in June 1969. The records included a notification of underground tank abandonment for the removal two 10,000-gallon USTs and one 8,000-gallon UST from the southwestern portion of the Site dated March 1981 and an application for a permit to remove the three USTs. A sketch shows the USTs as having been located to the south of the gasoline service station building in the southwest portion of the Site. The notification of underground tank abandonment form included a

signature indicating that the abandonment work was inspected by a fire inspector. It is unknown when/if the 280-gallon UST that was apparently also present at this facility was removed.

Los Angeles Bureau of Sanitation, Industrial Wastewater Management (LABS IWM)
The on-Site restaurants (Earlez Grille Chili Factory and Haven Burgers) each have an industrial wastewater permit issued by the Los Angeles Bureau of Sanitation, Industrial Wastewater Management (LABS IWM). The wastewater generated from washing activities (dishes, equipment, and floors) contains fats, oils, and grease (FOG). Per permit requirements, wastewater from each on-Site restaurant is passed through a sanitary screen prior to discharge to the municipal sewer system.

City of Los Angeles Planning Department (LAPD)
The LAPD shows the Site in an area zoned as [Q]C2-1 (Community Commercial).

Los Angeles County Department of Health Services - Public Health Investigation (LACDHS PHI)
Tetra Tech requested records for the Site maintained by the LACDHS PHI. Records were found for the Al Madinah Elementary School at 3510 West Exposition Boulevard. According to a 1985 incident report, 38 containers ranging in capacity from ½ gallon to 5 gallons were abandoned in the street near the railroad tracks and north of the school (off-Site). The person or company that abandoned the containers was unknown. Thirty-one of the containers were reported to be empty. The filled or partially filled containers were reported to have varnish, paint sludge, and an unknown dilute solvent. Two solvent containers were leaking. The containers were removed and no violations were issued. Based on the off-Site location and small quantities of materials involved, this 1985 incident is not considered to be of environmental concern to the Site.

No records were found for the remaining Site addresses. No records of concern were found.

7.4 HISTORICAL SITE USE INFORMATION

Past land uses were evaluated to evaluate historical practices or conditions that may have impacted the Site. This was accomplished via an interview with the Site representative, an ownership records review, review of agency records, a review of historical city directories, and a review and analysis of aerial photographs and topographic maps.

7.4.1 Prior Ownership and Usage

According to information from the historical resources reviewed:

- Parcel 5044-002-006 has been owned by C.R. Bastian (1938), Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Ernest G. Boehme and Wife, Arlene Y. Boehme (1944 to 1950), David F. Duval and Wife, Irene B. Duval (1950 to 1961), Louise Marie Kinder (1961 to 1972), Aames Funding Corporation (1972 to 1874), Crenshaw Industrial Corporation (1974 to 1977), Moyer-Rodeo Associates (1977 to 1980), Rabrany Farhad (1980 to 1997), and Soleiman Ghalili and Wife, Louise Ghalili (1997 to present).

- Parcel 5044-002-007 has been owned by C.R. Bastian (1938), Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Ernest G. Boehme and Wife, Arlene Y. Boehme (1944 to 1950), David F. Duval and Wife, Irene B. Duval (1950 to 1961), Louise Marie Kinder (1961 to 1972), Aames Funding Corporation (1972 to 1974), Crenshaw Industrial Corporation (1974), Nam Song and Soon Song (1974 to 1984), and Lacy K. Oliver (1984 to present).

- Parcel 5044-002-008 has been owned by C.R. Bastian (prior to 1938), Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Ernest G. Boehme and Wife, Arlene Y. Boehme (1944 to 1950), David F. Duval and Wife, Irene B. Duval (1950 to 1961), Louise Marie Kinder (1961 to 1972), Aames Funding Corporation (1972 to 1974), Crenshaw Industrial Corporation (1974 to 1979), Soleiman Ghalili, Et Al (1997), Soleiman Ghalili and Wife, Louise Ghalili (1997 to 1999), and Ghalili Family Trust (1999 to present).

- Parcel 5044-002-009 has been owned by C.R. Bastian (1938), Ernest G. Boehme and Wife, Arlene Y. Boehme (1944 to 1950), David F. Duval and Wife, Irene B. Duval (1950 to 1961), Louise Marie Kinder (1961 to 1972), Aames Funding Corporation (1972 to 1974), Crenshaw Industrial Corporation (1974 to 1977), Soleiman Ghalili, Et Al (1977 to 1997), Soleiman Ghalili and Wife, Louise Ghalili (1997 to 1999), and Ghalili Family Trust (1999 to present).

- Parcel 5044-002-010 has been owned by C.R. Bastian (1938), Benjamin R. Willkens and Wife, Heidi C. Willkens (1938 to 1944), Ernest G. Boehme and Wife, Arlene Y. Boehme (1944 to 1950), David F Duval and Wife, Irene B. Duval (1950 to 1961), Louise Marie Kinder (1961 to 1972), Aames Funding Corporation (1972 to 1974), Crenshaw Industrial Corporation (1974 to 1978), Ecuminical Service Corporation (1978 to 1983), and Masjeid Al Mu-Min (1983 to present).

Refer to Appendix D for the Chain of Title Reports for the Site parcels.

7.4.2 Prior Uses of Site and Surrounding Properties

Prior uses of the Site and surrounding properties were obtained from interviews with review of agency records, and review of historical information obtained from EDR (aerial photographs, city directory abstract, Sanborn maps, and topographic maps were found for the Site). Table 7.4.2 below is a summary of historical information obtained from EDR (provided in Appendix D). Information from other historical sources (interviews and agency records) is included in the summary at the end of this section and discussed in more detail in other sections of this report.

Table 7.4.2 – Prior Uses of Site and Surrounding Properties

Decade Starting	Site	Surrounding Properties	Sources
1900	Undeveloped or vacant land.	Undeveloped or vacant land.	T (1900, 1901, 1902)
1910	No sources found.	No sources found.	N/A
1920	Undeveloped or vacant land.	N: Undeveloped or vacant land. The existing tracks are depicted to the north of the Site. S: Undeveloped or vacant land. E: Undeveloped or vacant land. W: Undeveloped or vacant land.	A (1928) CD (1920-1929) T (1926)
1930	A small building or feature was present in the northwest corner of the Site, however based on the quality of the aerial photograph the use of the building or feature was not ascertainable. The remainder of the Site was undeveloped or vacant land.	N: No significant changes noted. City directory listing for Regal Cleaners & Dryers (3602 Crenshaw Blvd.) and American Dye Works (3602 Crenshaw Blvd.). S: No significant changes noted. E: No significant changes noted. W: No significant changes noted.	A (1938) CD (1930-1939)

Table 7.4.2 – Prior Uses of Site and Surrounding Properties			
Decade Starting	**Site**	**Surrounding Properties**	**Sources**
1940	No significant changes noted.	N: No significant changes noted. City directory listing for Regal Cleaners & Dryers (3602 Crenshaw Blvd.). S: No significant changes noted. E: No significant changes noted. W: A building to the west. The existing building to the southwest.	A (1947) CD (1940-1949)
1950	An oil and gas station in the western portion of the Site. Two small buildings were depicted in the eastern portion of the Site. The remainder of the Site was parking. City directory listing for Crenshaw Oil Co. Inc. (3630 Crenshaw Blvd.) and Wilshire Products Service Station (3630 Crenshaw Blvd.).	N: Beyond a Pacific Electric right-of-way is vacant land. A store to the northwest of the Site. City directory listing for Regal Cleaners & Dryers (3602 Crenshaw Blvd.), American Dye Works (3602 Crenshaw Blvd.), Crenshaw American Cleaners (3602 Crenshaw Blvd.), and Film Salvage Co./Film Processing Corp (3602 Crenshaw Blvd.). S: The existing multi-tenant retail building. City directory listing for Rocket Cleaners and Laundry (3650 Crenshaw Blvd.), Crenshaw Development Co. (3500 Rodeo Rd.), and Wilstar Realty Co. (3500 Rodeo Rd.). E: The existing commercial building and the existing residential building. W: Beyond Crenshaw Boulevard the building to the west is occupied by Ralph's grocery store. The building to the southwest occupied by stores.	A (1956) CD (1950-1958) S (1950)
1960	An oil and gas station in the western portion of the Site in 1965 and moved to the southwestern portion of the Site with a different building configuration by 1969. The existing building occupied by Haven Burgers by at least 1969. The remainder of the Site is parking. City directory listing for Wilshire Oil (3630 Crenshaw Blvd.) and Gulf Oil Service Station (3630 Crenshaw Blvd.).	N: Beyond a Pacific Electric right of way is a warehouse building occupied by Lambert Kay. An auto sales and repair facility to the northwest of the Site. City directory listing for Film Salvage Co./Film Processing Corp (3602 Crenshaw Blvd.). S: No significant changes noted. The retail building is occupied by stores and a drycleaner. City directory listing for Rocket Cleaners and Laundry (3650 Crenshaw Blvd.). E: No significant changes noted. The commercial building is occupied by Direct Mail Advertising. W: No significant changes noted.	A (1965) CD (1960-1969) S (1969) T (1966)
1970	An oil and gas station in the southwestern portion of the Site. The existing buildings occupied by Earlez Grille Chili Factory and Al-Madinah School by 1976. The remainder of the Site is parking. City directory listing for Crenshaw Rodeo Gulf Service (3630 Crenshaw Blvd.), Dixonburger (3630 Crenshaw Blvd.),	N: The building was still present. City directory listing for Film Salvage Co/Film Processing Corp (3602 Crenshaw Blvd.), Racal (3602 Crenshaw Blvd.), and Magn Stripe Inc. (3602 Crenshaw Blvd.). S: No significant changes noted. City directory listing for Rocket Cleaners and Laundry (3650 Crenshaw Blvd.).	A (1976) CD (1970-1976) T (1972)

Table 7.4.2 – Prior Uses of Site and Surrounding Properties			
Decade Starting	**Site**	**Surrounding Properties**	**Sources**
	Eastern Garden restaurant (3630 Crenshaw Blvd.), Ichiho Daisuke Dyke Crenshaw Gulf (3644 Crenshaw Blvd.) and Community Care & Development Services (3510 Exposition Blvd.).	E: No significant changes noted. W: The existing building and gas station to the east. City directory listing for Choe Kyu Hyong Service Station (3645 Crenshaw Blvd.) and Los Angeles County Probation Department (3606 Exposition Blvd.).	
1980	The gas station was no longer present. The existing buildings were depicted. City directory listing for Eastern Garden Restaurant Smorgasborg (3630 Crenshaw Blvd.), Jack's Chili Factory (3630 Crenshaw Blvd.), Educational Development Center (3510 Exposition Blvd.), Community Care & Development Services (3510 Exposition Blvd.), Al-Madinah School (3510 Exposition Blvd.) and Pioneer Take Out (3515 Rodeo Rd.).	N: No significant changes noted. City directory listing for Film Salvage Co./Film Processing Corp (3602 Crenshaw Blvd.), Racal (3602 Crenshaw Blvd.), and Magn Stripe Inc. (3602 Crenshaw Blvd.). S: No significant changes noted. City directory listing for Rocket Cleaners and Laundry (3650 Crenshaw Blvd.). E: No significant changes noted. W: No significant changes noted. City directory listing for Choe Kyu Hyong Service Station (3645 Crenshaw Blvd.).	A (1989) CD (1980-1986) T (1981)
1990	No significant changes noted. City directory listing for Jack's Chili Factory (3630 Crenshaw Blvd.), Al-Madinah School (3510 Exposition Blvd.), and Pioneer Take Out (3515 Rodeo Rd.).	N: No significant changes noted. City directory listing for Film Salvage Co. (3602 Crenshaw Blvd.). S: No significant changes noted. City directory listing for Rocket Cleaners and Laundry (3650 Crenshaw Blvd.). E: No significant changes noted. W: No significant changes noted. City directory listing for Shell Service Station (3645 Crenshaw Blvd.).	A (1994) CD (1990-1999) T (1994)
2000	No significant changes noted. City directory listing for Dining Sensations (3630 Crenshaw Blvd.), Jack's Chili Factory (3630 Crenshaw Blvd.), Farhad Rabbany (3644 Crenshaw Blvd.), Clean King Laundry Systems (3644 Crenshaw Blvd.), Al-Madinah School (3510 Exposition Blvd.), and Haven Burgers (3515 Rodeo Rd.).	N: The existing cathedral. S: No significant changes noted. City directory listing for Rocket Cleaners and Laundry (3650 Crenshaw Blvd.), Cameo Cleaners (3650 Crenshaw Blvd.), and Leo Siskin (3500 Rodeo Rd.). E: No significant changes noted. City directory listing for LA Haute (3335 Exposition Blvd.). W: No significant changes noted. City directory listing for Shell Service Station (3645 Crenshaw Blvd.) and Los Angeles County Probation Department (3606 Exposition Blvd.).	A (2005) CD (2000-2006)

Surrounding Properties:
N = north, S = south, E = east, and W = west.
Sources:
A = aerial photograph (year in parentheses), CD = city directory abstract (year in parentheses), T = topographic map (year in parentheses), and NA = not applicable (no sources found).

It should be noted that the property at 3602 Crenshaw Boulevard was formerly located at the northern side of the property currently occupied by West Angeles Cathedral (3600 Crenshaw Boulevard). The 3602 Crenshaw Boulevard location was approximately 500 feet north of the Site.

According to the historical records reviewed, the Site was undeveloped/vacant from at least 1900 to at least 1947. A gasoline service station was located on-Site from approximately 1947 to 1981 (additional information below). Building permit records indicated a repair garage was located on the east side of the Site (3631 Bronson Avenue) in at least 1948. Building permit records also indicated a restaurant and car wash were located on the eastern side of the Site (3509 Rodeo Road) from 1961 to 1968. No additional information was found regarding the former repair garage or car wash on the eastern side of the Site. The building occupied Haven Burgers (3515 Rodeo Road) was constructed in 1968, the building occupied by Earlez Grille Chili Factory (3630 Crenshaw Boulevard) was constructed in 1968, the building occupied by Al-Madinah School was constructed in 1970, and the buildings occupied by Conroy's Flowers, Yum Yum Donuts, and Clean King were constructed in 1981. The existing Site buildings have been used by either the same tenants since construction or have been used for similar purposes as the current uses since construction.

Historical uses of the Site including a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968 are considered to be a REC to the Site. The gasoline service station was formerly located on the western portion of the Site (current addresses of 3630, 3642, and 3646 Crenshaw Boulevard). The repair garage appears to have formerly been located on the northeast portion of the Site (current address of 3510 Exposition Boulevard). The car wash appears to have formerly been located on the southeast portion of the Site (current address of 3515 Rodeo Road).

The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard has an active LUST case with ongoing groundwater monitoring activities. Based on the information summarized previously in Section 7.2.2, this facility is considered to be a PEC to the Site.

The adjacent Cameo Cleaners south of the Site beyond Rodeo Road has an active SLIC case with ongoing groundwater monitoring and soil vapor extraction activities. Based on the information summarized previously in Section 7.2.2, this facility is considered to be a PEC to the Site.

7.4.3 Previous Environmental Investigations

Tetra Tech requested previous environmental investigation reports for the Site from LACMTA and Site representatives. No previous environmental investigations for the Site were provided to Tetra Tech and none were found by Tetra Tech during the conduct of this assessment.

7.5 HISTORICAL ADJOINING PROPERTY USE INFORMATION

Historical adjoining property use information is summarized above in Section 7.4.2.

SECTION 7 - SUMMARY	
Conclusions	**Recommendations**
Historical uses of the Site including a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968 are considered to be a REC to the Site. The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site. No evidence of other RECs, HRECs, other PECs, or BERs was found in the Site-related and off-site information summarized in this Section.	A subsurface investigation including soil, soil gas and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered to be a REC, and adjacent properties considered to be PECs to the Site, have adversely impacted the Site.

8.0 INTERVIEWS

8.1 INTERVIEW WITH SITE OWNER

The Site owners were not interviewed during this Phase I ESA.

8.2 INTERVIEW WITH SITE MANAGER

No Site managers were interviewed during this Phase I ESA.

8.3 INTERVIEW WITH OCCUPANTS

The following individuals were interviewed during their respective Site inspections, Ms. Lida Tibani during the inspection of Clean King, Mr. Oliver K. Lacey during the inspection of Earlez Grille Chili Factory and Mr. Eric Ali during the inspection of the Al-Madinah School.

8.4 INTERVIEW WITH PAST OWNERS, OPERATORS, AND OCCUPANTS

Past owners, operators, and occupants were not able to be contacted by Tetra Tech; therefore, no interviews were conducted with any past owners, operators and occupants. This is not considered to be a data gap as past uses of the Site were obtained from other sources and previously discussed.

8.5 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Tetra Tech interviewed local government officials at agencies where records for the Site were available and reviewed by Tetra Tech. Individuals that Tetra Tech spoke to included Katie [no last name provided] at LAFD-UST, Elva Davila at LAFD – HAZMAT, and Yvette Caldero at LACDHS PHI. Interviewed government officials had no knowledge or additional information that was not contained in the records reviewed by Tetra Tech (Section 7.2).

8.6 INTERVIEWS WITH OTHERS

No other interviews were conducted with individuals other than those cited above in this Section 8.0.

SECTION 8 - SUMMARY	
Conclusions	**Recommendations**
No evidence of RECs, HRECs, PECs, or BERs was found in the Site-related information summarized in this Section.	None.

9.0 ADDITIONAL (NON-ASTM STANDARD) SERVICES

9.1 ASBESTOS-CONTAINING MATERIALS (ACMS)

Based on the years of construction of the Site buildings (1968, 1970, and 1981), it is possible that ACMs are present in the Site buildings. Suspect ACMs observed or inferred during the Phase I ESA Site visits included drywall and associated joint compound, vinyl floor tile and associated mastic, cove base and associated mastic, carpet mastic, acoustic ceiling tiles, ceramic floor tile mastic, stucco, and roofing materials. Observed suspect ACMs in the Site building appeared to be in generally good condition.

In conjunction with the Phase I ESA, Tetra Tech performed an Asbestos Hazard Emergency Response Act (AHERA) level, pre-demolition asbestos survey of all the Site buildings. The results of the survey are presented in a separate report from this Phase I ESA report.

9.2 RADON

The Site is located within a Zone 2 radon area, indicating that the average indoor radon level is greater than or equal to 2.0 picoCuries per liter or air (pCi/L) but less than or equal to 4.0 pCi/L. The USEPA action level for radon is 4.0 pCi/L. As part of a Federal radon survey conducted in Los Angeles County, a total of 63 tests for radon were conducted. One of the tests reported a radon level above the USEPA action level. As part of a State radon survey conducted in Los Angeles County in the same zip code as the Site, four tests for radon were conducted. None of the tests reported radon levels above the USEPA action level.

9.3 LEAD-BASED PAINT (LBP) OR OTHER LEAD-CONTAINING MATERIALS (LCMs)

Based on the years of construction of the Site buildings (1968, 1970, and 1981), it is possible that LBP or other LCMs (e.g., ceramic floor and ceramic wall tile) are present in the Site buildings. The observed painted surfaces and ceramic tile observed at the Site buildings appeared to be in generally good condition.

In conjunction with the Phase I ESA, Tetra Tech also performed a pre-demolition LBP/LCM survey using x-ray fluorescent (XRF) equipment and paint chip sampling for LBP/LCM at all the Site buildings. The results of the survey are presented in a separate report from this Phase I ESA report.

9.4 SURFACE WATER AND WETLANDS

No surface water or wetland areas were observed on or adjacent to the Site. According to information available on the United States Fish and Wildlife Service (USFWS) website, there are no designated wetlands areas on or adjacent to the Site. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) depicting the Site, Panel No. 06037C 1615F, the Site is located in Zone X (shaded): areas of 0.2 % annual chance floodplain with flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

9.5 MICROBIAL GROWTH AND MOISTURE INTRUSION

No evidence of potential microbial growth and/or moisture intrusion was observed at the Site during the Site reconnaissance.

9.6 ENVIRONMENTAL NON-COMPLIANCE ISSUES

No environmental non-compliance issues associated with current Site use were noted at the Site during the Site reconnaissance.

9.7 OTHER ADDITIONAL SERVICES

Evaluation of the following other additional services was not a part of the scope of work requested for this Phase I ESA: lead in drinking water, cultural and historic resources, industrial hygiene, health and safety, ecologic resources, endangered species, indoor air quality, and biological agents.

SECTION 9 - SUMMARY	
Conclusions	**Recommendations**
No evidence of RECs, HRECs, PECs, or BERs was found in the Site-related information summarized in this Section.	None.

10.0 FINDINGS, OPINIONS, AND CONCLUSIONS

10.1 FINDINGS, OPINIONS, AND CONCLUSIONS

An appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment, and current regulatory guidelines, the following findings, opinions and conclusions have been drawn (in addition to the conclusion in Section 11.0):

- No HRECs or BERs have been found in connection with the Site.
- Historical uses of the Site including a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968 are considered to be a REC to the Site.
- The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site.
- The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site.

10.2 RECOMMENDATIONS

Based on the information gathered during the performance of this assessment, Tetra Tech's understanding of current regulatory guidelines, and the judgment of Tetra Tech, the following recommendations are presented for consideration:

- A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered as an REC, and adjacent properties considered to be PECs to the Site, have adversely impacted the Site. The investigation should include all Site parcels (CR-4503, CR-4504, CR-4505 and CR-4506).
- During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

11.0 CONCLUSION

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following conclusion has been drawn:

- Tetra Tech has performed a Phase I ESA consistent with the scope and limitations of ASTM Standard Practice E1527-05 of the property referenced as the Crenshaw/Rodeo Properties, Parcel Numbers CR-4305, CR-4504, CR-4505 and CR-4506 at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California. This assessment revealed one recognized environmental condition in connection with the Site (refer to Section 10.1).

12.0 DEVIATIONS

There have been no deviations from the requirements of 40 CFR §312, et al., with the scope and limitations set forth in the American Society for Testing and Materials (ASTM) Standard Practice E 1527-05 of which Tetra Tech is aware that would affect the conclusion of this Phase I ESA.

During the conduct of this assessment, there were no data gaps or data failure considered to be significant. Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered to be accurate and complete. As discussed previously in Section 2.2, there are limitations to this assumption.

13.0 REFERENCES

Documents:

American Society of Testing and Materials (ASTM), "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-05.

Bower Environmental Consulting, 2011, Soil Vapor Extraction And Groundwater Monitoring Report, 4th Quarter 2010, Cameo Cleaners and A&J Laundry, 3650 Crenshaw Boulevard and 3506 Rodeo Road, Los Angeles, California: dated February 2, 2011.

California Department of Water Resources (CADWR), California's Groundwater Bulletin 118: dated 2004.

Environmental Data Resources, Inc. (EDR), The EDR Radius Map™ Report with GeoCheck®, Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave, Los Angeles, CA 90018, Inquiry Number 3245009.2s: dated January 24, 2012.

EDR, The EDR-City Directory Abstract, Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave, Los Angeles, CA 90018, Inquiry Number 3245009.6: dated January 24, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-007, 3630 Crenshaw Boulevard, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-006, 3644 Crenshaw Boulevard, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-010, 3510 Exposition Boulevard, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-008, 3515 Rodeo Road, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-009, Los Angeles, California: dated January 31, 2012.

URS, 2011, Second Quarter 2011 Groundwater Monitoring Report, Shell Branded Service Station, 3645 South Crenshaw Boulevard, Los Angeles, California: dated July 15, 2011.

Maps:

EDR, EDR Historical Topographic Map Report, Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave, Los Angeles, CA 90018, Inquiry Number 3245009.4: dated January 24, 2012. Topographic maps dated 1900, 1901, 1902, 1926, 1966, 1972, 1981, and 1994.

EDR, Certified Sanborn® Map Report, Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave, Los Angeles, CA 90018, Inquiry Number 3245009.3s: dated January 24, 2012. Sanborn maps dated 1950 and 1969.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Panel No. 06037C 1615F: dated September 26, 2008.

United States Geological Survey (USGS), Hollywood, California, Quadrangle - 7.5 Minute Series Topographic Map: dated 1994 (photorevised from 1966).

Agencies/Persons Contacted/Records Reviewed:

California EPA, Department of Toxic Substances Control (Cal-EPA DTSC).

California Division of Oil, Gas and Geothermal Resources (CADOGGR).

California State Fire Marshal (CSFM).

California Regional Water Quality Control Board – Los Angeles Region (LARWQCB).

Los Angeles Bureau of Sanitation, Industrial Waste Management (LABS IWM).

Los Angeles Department of Building and Safety (LADBS).

Los Angeles Fire Department (LAFD).

Los Angeles Planning Department (LAPD).

Los Angeles County Department of Health Services - Public Health Investigation (LACDHS PHI).

South Coast Air Quality Management District (SCAQMD).

United States Department of Agriculture (USDA), National Resources Conservation Services (NRCS).

United States Fish and Wildlife Service (USFWS).

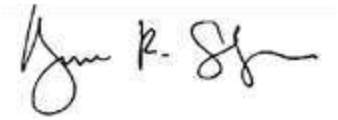
Aerial Photographs:

EDR, The EDR Aerial Photo Decade Package, Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave, Los Angeles, CA 90018, Inquiry Number 3245009.5: dated January 25, 2012. Aerial photographs dated 1928, 1938, 1947, 1956, 1965, 1976, 1989, 1994, and 2005.

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Ms. Tanya MacLean and Mr. Steven Grod performed the Site reconnaissance, compiled report data, and wrote the Phase I ESA report. Mr. Steven Grod and Mr. Berwyn Salazar provided technical review. The signatures of Ms. MacLean, Mr. Grod, and Mr. Salazar are included in this Section of the report.

Steven Grod, REA 07806
Senior Scientist
Phone: 949-809-5076



Berwyn Salazar, REA 30340
Project Manager/Engineer
Phone: 626-470-2836

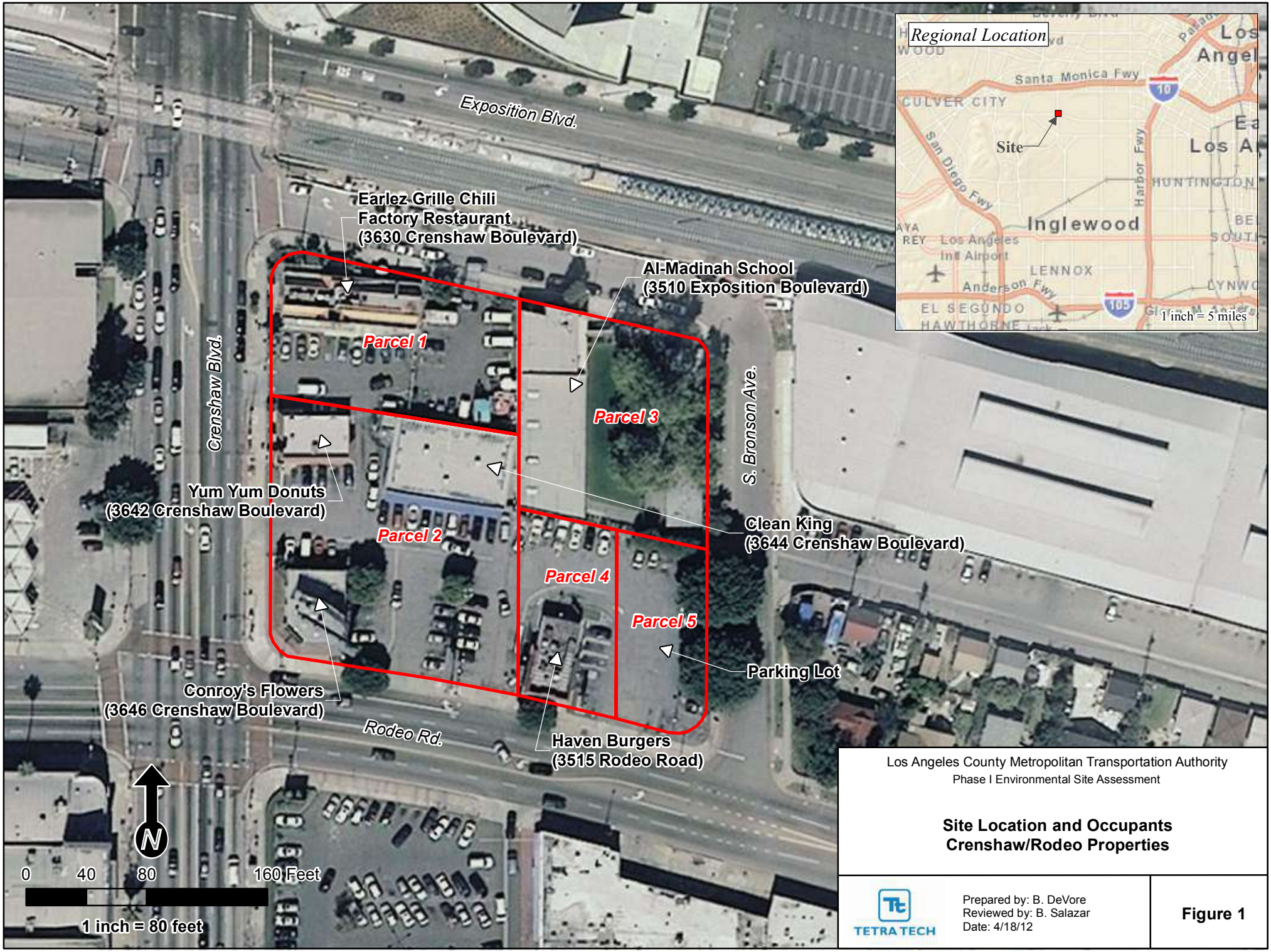
Tanya MacLean
Due Diligence Scientist
Phone: 949-809-5080

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR §312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The qualifications of Ms. Tanya MacLean, Mr. Steven Grod, and Mr. Berwyn Salazar are summarized in the resumes that are included in Appendix F.

FIGURES



Los Angeles County Metropolitan Transportation Authority
Phase I Environmental Site Assessment

Site Location and Occupants
Crenshaw/Rodeo Properties

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 4/18/12

Figure 1

File: 28793 Crenshaw_Rodeo\SiteLocation.mxd

Los Angeles County Metropolitan Transportation Authority

Phase I Environmental Site Assessment

Surrounding Properties and Site CR Designations

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 4/18/12

Figure 2

File: 28793 Crenshaw_Rodeo\Surrounding Properties.mxd

Los Angeles County Metropolitan Transportation Authority
Phase I Environmental Site Assessment

Parcel Map
Crenshaw/Rodeo Properties

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 4/18/12

Figure 3

File: 28793 Crenshaw_Rodeo\Parcel Map.cdr

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION

Photograph No. 1: Looking northeast at the on-Site Earlez Grille Chili Factory (3630 Crenshaw Boulevard).

Photograph No. 2: Looking southwest at the on-Site Earlez Grille Chili Factory (3630 Crenshaw Boulevard).

Photograph No. 3: Looking at the customer seating area in Earlez Grille Chili Factory (3630 Crenshaw Boulevard).

Photograph No. 4: Looking at the food preparation/cooking area of Earlez Grille Chili Factory (3630 Crenshaw Boulevard).

Photograph No. 5: Looking at the equipment cleaning area of Earlez Grille Chili Factory (3630 Crenshaw Boulevard).

Photograph No. 6: Looking at the exterior container used to collect waste cooking grease/oil at Earlez Grille Chili Factory (3630 Crenshaw Boulevard).

Photograph No. 7: Looking northwest at the on-Site Yum Yum Donuts (3642 Crenshaw Boulevard).

Photograph No. 8: Looking southwest at the on-Site Yum Yum Donuts (3642 Crenshaw Boulevard).

Photograph No. 9: Looking northwest at the serving counter area in Yum Yum Donuts (3642 Crenshaw Boulevard).

Photograph No. 10: Looking west at the food preparation/cooking area of Yum Yum Donuts (3642 Crenshaw Boulevard).

Photograph No. 11: Looking southeast at the refrigerators at Yum Yum Donuts (3642 Crenshaw Boulevard).

Photograph No. 12: Looking northwest at the on-Site Clean King (3644 Crenshaw Boulevard).

Photograph No. 13: Looking at the interior of the Clean King (3644 Crenshaw Boulevard).

Photograph No. 14: Looking at dryer equipment in the Clean King (3644 Crenshaw Boulevard).

Photograph No. 15: Looking north at the on-Site Conroy's Flowers (3646 Crenshaw Boulevard).

Photograph No. 16: Looking southwest at the on-Site Conroy's Flowers (3646 Crenshaw Boulevard).

Photograph No. 17: Looking at the interior of the Conroy's Flower's (3646 Crenshaw Boulevard).

Photograph No. 18: Looking at a ground floor storage area in the Conroy's Flowers (3646 Crenshaw Boulevard).

Photograph No. 19: Looking at a mezzanine storage area in the Conroy's Flowers (3646 Crenshaw Boulevard).

Photograph No. 20: Looking south at the on-Site Al-Madinah School (3510 Exposition Boulevard).

Photograph No. 21: Looking northwest at the main building at the Al-Madinah School (3510 Exposition Boulevard).

Photograph No. 22: Looking southeast at the two portable classrooms at the Al-Madinah School (3510 Exposition Boulevard).

Photograph No. 23: Looking at a typical classroom at the Al-Madinah School (3510 Exposition Boulevard).

Photograph No. 24: Looking at the interior of one of the on-Site portable classrooms at the Al-Madinah School (3510 Exposition Boulevard).

Photograph No. 25: Looking at a janitorial storage room at the Al-Madinah School (3510 Exposition Boulevard).

Photograph No. 26: Looking northwest at the on-Site Haven Burgers (3515 Rodeo Road).

Photograph No. 27: Looking northeast at the on-Site Haven Burgers (3515 Rodeo Road).

Photograph No. 28: Looking at the customer service area in Haven Burgers (3515 Rodeo Road).

Photograph No. 29: Looking at the food preparation/cooking area of Haven Burgers (3515 Rodeo Road).

Photograph No. 30: Looking at the equipment cleaning area of Haven Burgers (3515 Rodeo Road).

Photograph No. 31: Looking at the exterior container used to collect waste cooking grease/oil at Haven Burgers (3515 Rodeo Road).

Photograph No. 32: Looking south at the parking area in the southeastern portion of the Site.

Photograph No. 33: Looking east at a monitoring well housing cover in the southwest corner of the Site.

Photograph No. 34: Looking west at a monitoring well housing cover located east of Conroy's Flowers (3646 Crenshaw Boulevard).

Photograph No. 35: Looking west across the center of the Site.

Photograph No. 36: Looking northeast at the adjacent to the north MTA track/station.

Photograph No. 37: Looking north at the adjacent to the north West Angeles Cathedral (3600 Crenshaw Boulevard).

Photograph No. 38: Looking southeast at the adjacent to the south multi-tenant commercial property with tenants including Cameo Cleaners (3650 Crenshaw Boulevard and 3500 Rodeo Road).

Photograph No. 39: Looking northeast at the adjacent to the east Steeldeck Platform Systems (3335 Exposition Place).

Photograph No. 40: Looking northeast at the adjacent to the east residential property (3423 Rodeo Road).

Photograph No. 41: Looking west at the adjacent to the northwest multi-tenant commercial property (3631 Crenshaw Boulevard).

Photograph No. 42: Looking southwest at the adjacent to the west County of Los Angeles Probation Department (3606 Exposition Boulevard).

Photograph No. 43: Looking west at the adjacent to the west Shell gasoline service station with a car wash (3645 Crenshaw Boulevard).

Photograph No. 44: Looking southwest at the adjacent to the southwest multi-tenant commercial property with tenants including Dental Playground and Comet Cleaners (3651 Crenshaw Boulevard).

APPENDIX B
EDR REGULATORY DATABASE REPORT

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
Los Angeles, CA 90018

Inquiry Number: 3245009.2s
January 24, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

CRENSHAW BLVD/RODEO RD/EXPOSITION BLVD/BRONSON AVE
LOS ANGELES, CA 90018

COORDINATES

Latitude (North):	34.0219000 - 34° 1' 18.84''
Longitude (West):	118.3344000 - 118° 20' 3.84''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	376795.7
UTM Y (Meters):	3765192.5
Elevation:	113 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-A3 HOLLYWOOD, CA
Most Recent Revision:	1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CONROY'S 3646 CRENSHAW BLVD LOS ANGELES, CA 90016	HAZNET	N/A
AL-MADINAH SCHOOL 3510 EXPOSITION PL LOS ANGELES, CA 90018	FINDS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
AOCONCERN ---------- San Gabriel Valley Areas of Concern
CDL ---------- Clandestine Drug Labs
US HIST CDL ---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
LUCIS ---------- Land Use Control Information System
LIENS ---------- Environmental Liens Listing
DEED ---------- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
CHMIRS ---------- California Hazardous Material Incident Report System
LDS ---------- Land Disposal Sites Listing
MCS ---------- Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen ---------- RCRA - Non Generators

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan
WDS	Waste Discharge System
NPDES	NPDES Permits Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
Notify 65	Proposition 65 Records
LA Co. Site Mitigation	Site Mitigation List
WIP	Well Investigation Program Case List
LOS ANGELES CO. HMS	HMS: Street Number List
ENF	Enforcement Action Listing
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
HWP	EnviroStor Permitted Facilities Listing
PCB TRANSFORMER	PCB Transformer Registration Database
PROC	Certified Processors Database
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
HWT	Registered Hazardous Waste Transporter Database

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 12 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTIQUE CORP	*3411 EXPOSITION BLVD*	*NNE 0 - 1/8 (0.007 mi.)*	*A3*	*9*
LA VENTILATOR STATION 9	*3301 EXPOSITION BLVD*	*NE 0 - 1/8 (0.008 mi.)*	*A6*	*12*
APT MEDICAL TRANSPORTATION	*3411 W 36TH ST*	*NNE 0 - 1/8 (0.119 mi.)*	*30*	*40*
SO DIST BLDG SVC 36TH ST YARD	*3330 W 36TH ST*	*NE 1/8 - 1/4 (0.146 mi.)*	*E34*	*46*
MELS AUTO BODY	*3423 W JEFFERSON BLVD*	*NNE 1/8 - 1/4 (0.247 mi.)*	*I57*	*80*
S CALIFORNIA GAS CO	*3124 W 36TH ST*	*ENE 1/8 - 1/4 (0.249 mi.)*	*H61*	*85*

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATION	*3645 S CRENSHAW*	*W 0 - 1/8 (0.021 mi.)*	*A16*	*26*
20TH CENTURY PLASTICS	*3628 CRENSHAW BLVD*	*NNW 0 - 1/8 (0.031 mi.)*	*B18*	*29*
SYSTEM 3 CLEANERS	*3631 CRENSHAW BLVD #101*	*NNW 0 - 1/8 (0.036 mi.)*	*B20*	*34*
SMITH MAINTENANCE COMMUNICATIO	*3611 EXPOSITION BLVD*	*NW 0 - 1/8 (0.039 mi.)*	*B22*	*36*
MAJESTIC PONTIAC AND HONDA	*3740 CRENSHAW BLVD*	*S 1/8 - 1/4 (0.180 mi.)*	*G48*	*62*
OCONNOR LINCOLN MERCURY	*3737 CRENSHAW BLVD*	*S 1/8 - 1/4 (0.189 mi.)*	*G50*	*69*

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 12/13/2011 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN CALIFORNIA GAS CO.	*3124 W 36TH ST*	*ENE 1/8 - 1/4 (0.249 mi.)*	*H58*	*82*
Status: Inactive - Needs Evaluation				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA USD DORSEY HIGH SCHOOL	*3537 FARMDALE AVE*	*W 1/2 - 1 (0.640 mi.)*	*68*	*97*
Status: Inactive - Needs Evaluation				
Status: Certified				

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 12/19/2011 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LULA WASHINGTON DANCE STUDIO	***3773 CRENSHAW BLVD***	***S 1/4 - 1/2 (0.258 mi.)***	***63***	***88***
Status: Completed - Case Closed				
PEERLESS SUEDE & LEATHER	***3115 W JEFFERSON AVE***	***NE 1/4 - 1/2 (0.352 mi.)***	***64***	***89***
1X LOS ANGELES URBAN LEAGUE AU	***3833 CRENSHAW BLVD.***	***S 1/4 - 1/2 (0.357 mi.)***	***J65***	***92***
Status: Completed - Case Closed				
BOYD PETERSON	3833 CRENSHAW BLVD	S 1/4 - 1/2 (0.357 mi.)	J66	93
ANGELUS FUNERAL HOME	***3875 CRENSHAW BLVD***	***S 1/4 - 1/2 (0.431 mi.)***	***67***	***95***
Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATION	3645 CRENSHAW BLVD. S.	W 0 - 1/8 (0.021 mi.)	A11	20
Status: Open - Site Assessment				
20TH CENTURY PLASTICS	***3628 CRENSHAW BLVD***	***NNW 0 - 1/8 (0.031 mi.)***	***B18***	***29***
Status: Completed - Case Closed				
WESTSIDE ARCO NO. 1	***3412 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.160 mi.)***	***C36***	***49***
Status: Completed - Case Closed				
WESTSIDE ARCO NO. 1	3412 CRENSHAW BLVD	N 1/8 - 1/4 (0.160 mi.)	C38	51
ARCO #0027	3412 CRENSHAW BLVD S	N 1/8 - 1/4 (0.160 mi.)	C40	53
Status: Completed - Case Closed				
MERCURY O'CONNOR	***3737 CRENSHAW***	***S 1/8 - 1/4 (0.189 mi.)***	***G49***	***65***

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 12/19/2011 has revealed that there are 8 SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAMEO CLEANERS (CRENSHAW PARK)	***3650 CRENSHAW BOULEVARD***	***SSW 0 - 1/8 (0.014 mi.)***	***A8***	***14***
Facility Status: Open - Remediation				
20TH CENTURY PLASTICS	3628 CRENSHAW	NNW 0 - 1/8 (0.030 mi.)	B17	29
20TH CENTURY PLASTICS	***3628 CRENSHAW BLVD***	***NNW 0 - 1/8 (0.031 mi.)***	***B18***	***29***
Facility Status: Completed - Case Closed				
SYSTEM CLEANERS	3631 CRENSHAW BLVD	NNW 0 - 1/8 (0.035 mi.)	B19	33
Facility Status: Open - Site Assessment				
FILM PROCESSING FACILITY	3602 CRENSHAW BLVD	N 0 - 1/8 (0.110 mi.)	C27	38
Facility Status: Open				
CRENSHAW CAR WASH	3518 CRENSHAW BLVD	N 1/8 - 1/4 (0.165 mi.)	F44	58
Facility Status: Completed - Case Closed				
MERCURY O'CONNOR	***3737 CRENSHAW***	***S 1/8 - 1/4 (0.189 mi.)***	***G49***	***65***
Facility Status: Completed - Case Closed				
Facility Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MERCURY O'CONNNOR	3737 CRENSHAW	S 1/8 - 1/4 (0.191 mi.)	G51	72

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 12/19/2011 has revealed that there are 6 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN CALIFORNIA GAS CO.	***3124 W 36TH ST***	***ENE 1/8 - 1/4 (0.249 mi.)***	***H58***	***82***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RODEO SHELL	3645 CRENSHAW BLVD	W 0 - 1/8 (0.021 mi.)	A10	20
FULCOR REALTY INC	3602 CRENSHAW BLVD	N 0 - 1/8 (0.110 mi.)	C25	37
MATCHMASTER DYING & FIN	3700 CRENSHAW BLVD	S 0 - 1/8 (0.117 mi.)	D29	39
WESTSIDE ARCO #1	3412 CRENSHAW BLVD	N 1/8 - 1/4 (0.160 mi.)	C37	51
MAJESTIC PONTIAC & HONDA	***3740 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.180 mi.)***	***G47***	***61***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/27/2011 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LULA WASHINGTON DANCE THEATRE	3773 S. CRENSHAW BOULEV	S 1/8 - 1/4 (0.207 mi.)	G52	72

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 11 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAS TEX CORPORATION	***3411 EXPOSITION BLVD***	***NNE 0 - 1/8 (0.007 mi.)***	***A4***	***11***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF LA GENERAL SERVICES	***3330 W 36TH ST***	***NE 1/8 - 1/4 (0.146 mi.)***	***E33***	***42***
MISSION CUSTOM FURNISHINGS, IN	***3217 EXPOSITION PL***	***E 1/8 - 1/4 (0.170 mi.)***	***45***	***59***
SO CAL GAS COMPANY	3124 W 36TH ST	ENE 1/8 - 1/4 (0.249 mi.)	H59	84

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRENSHAW SHELL MINI MARKET	***3645 CRENSHAW BLVD***	***W 0 - 1/8 (0.021 mi.)***	***A15***	***25***
EUNG PARK	***3699 CRENSHAW BLVD***	***S 0 - 1/8 (0.112 mi.)***	***D28***	***39***
ARCO #27	***3412 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.160 mi.)***	***C39***	***52***
ALBERT MORITA & PAULINE MORITA	***3400 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.163 mi.)***	***C42***	***56***
MIDAS MUFFLER SHOP	***3501 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.173 mi.)***	***F46***	***60***
MAJESTIC PONTIAC AND HONDA	***3740 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.180 mi.)***	***G48***	***62***
OCONNOR LINCOLN MERCURY	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.189 mi.)***	***G50***	***69***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 9 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAS TEX CORP.	3411 EXPOSITION BLVD	NNE 0 - 1/8 (0.007 mi.)	A5	12
36TH ST. YARD-SOUTH DISTRICT	3330 W 36TH ST	NE 1/8 - 1/4 (0.146 mi.)	E35	48
36TH ST.	3124 W 36TH ST	ENE 1/8 - 1/4 (0.249 mi.)	H60	85
36TH ST	3124 W 36TH ST	ENE 1/8 - 1/4 (0.249 mi.)	H62	87

Lower Elevation	Address	Direction / Distance	Map ID	Page
HONG'S SHELL	3645 CRENSHAW BLVD	W 0 - 1/8 (0.021 mi.)	A12	23
JOON PARK HONG	3645 CRENSHAW BLVD	W 0 - 1/8 (0.021 mi.)	A13	24
ALBERT MORITA & PAULINE MORITA	3400 CRENSHAW BLVD	N 1/8 - 1/4 (0.163 mi.)	C43	57
MAJESTIC PONTIAC AND HONDA	***3740 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.180 mi.)***	***G48***	***62***
OCONNOR LINCOLN MERCURY	***3737 CRENSHAW BLVD***	***S 1/8 - 1/4 (0.189 mi.)***	***G50***	***69***

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 11 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAS TEX CORPORATION	***3411 EXPOSITION BLVD***	***NNE 0 - 1/8 (0.007 mi.)***	***A4***	***11***
CITY OF LA GENERAL SERVICES	***3330 W 36TH ST***	***NE 1/8 - 1/4 (0.146 mi.)***	***E33***	***42***
MISSION CUSTOM FURNISHINGS, IN	***3217 EXPOSITION PL***	***E 1/8 - 1/4 (0.170 mi.)***	***45***	***59***
SOUTHERN CALIFORNIA GAS CO.	***3124 W 36TH ST***	***ENE 1/8 - 1/4 (0.249 mi.)***	***H58***	***82***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRENSHAW SHELL MINI MARKET	***3645 CRENSHAW BLVD***	***W 0 - 1/8 (0.021 mi.)***	***A15***	***25***
EUNG PARK	***3699 CRENSHAW BLVD***	***S 0 - 1/8 (0.112 mi.)***	***D28***	***39***
ARCO #27	***3412 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.160 mi.)***	***C39***	***52***
ALBERT MORITA & PAULINE MORITA	***3400 CRENSHAW BLVD***	***N 1/8 - 1/4 (0.163 mi.)***	***C42***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MIDAS MUFFLER SHOP	*3501 CRENSHAW BLVD*	*N 1/8 - 1/4 (0.173 mi.)*	*F46*	*60*
MAJESTIC PONTIAC & HONDA	*3740 CRENSHAW BLVD*	*S 1/8 - 1/4 (0.180 mi.)*	*G47*	*61*
OCONNOR LINCOLN MERCURY	*3737 CRENSHAW BLVD*	*S 1/8 - 1/4 (0.189 mi.)*	*G50*	*69*

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1X LOS ANGELES URBAN LEAGUE AU	*3833 CRENSHAW BLVD.*	*S 1/4 - 1/2 (0.357 mi.)*	*J65*	*92*
ANGELUS FUNERAL HOME	*3875 CRENSHAW BLVD*	*S 1/4 - 1/2 (0.431 mi.)*	*67*	*95*

Lower Elevation	Address	Direction / Distance	Map ID	Page
20TH CENTURY PLASTICS	*3628 CRENSHAW BLVD*	*NNW 0 - 1/8 (0.031 mi.)*	*B18*	*29*
WESTSIDE ARCO NO. 1	*3412 CRENSHAW BLVD*	*N 1/8 - 1/4 (0.160 mi.)*	*C36*	*49*
MERCURY O'CONNOR	*3737 CRENSHAW*	*S 1/8 - 1/4 (0.189 mi.)*	*G49*	*65*

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/28/2011 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAMEO CLEANERS	3650 S CRENSHAW BLVD	SSW 0 - 1/8 (0.014 mi.)	A9	19

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1

Manufactured Gas Plants site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES GAS AND ELECTRIC C	W. 36TH STREET	ENE 1/8 - 1/4 (0.216 mi.)	H54	79

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 6 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HASSEL NELS	3503 W JEFFERSON BLVD	NNE 1/8 - 1/4 (0.235 mi.)	I55	80
MILLER RAY	3501 W JEFFERSON BLVD	NNE 1/8 - 1/4 (0.236 mi.)	I56	80

Lower Elevation	Address	Direction / Distance	Map ID	Page
S & K SHELL	3645 CRENSHAW BLVD	W 0 - 1/8 (0.021 mi.)	A14	25
WIKSTROM MITCHELL	3520 CRENSHAW BLVD	N 1/8 - 1/4 (0.138 mi.)	C31	41
BROWN W S	3518 CRENSHAW BLVD	N 1/8 - 1/4 (0.139 mi.)	C32	41
GALLOWAY HOLLINGSWORTH	3400 CRENSHAW BLVD	N 1/8 - 1/4 (0.163 mi.)	C41	55

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 6 EDR Historical Cleaners sites within approximately 0.25 miles of the target property.

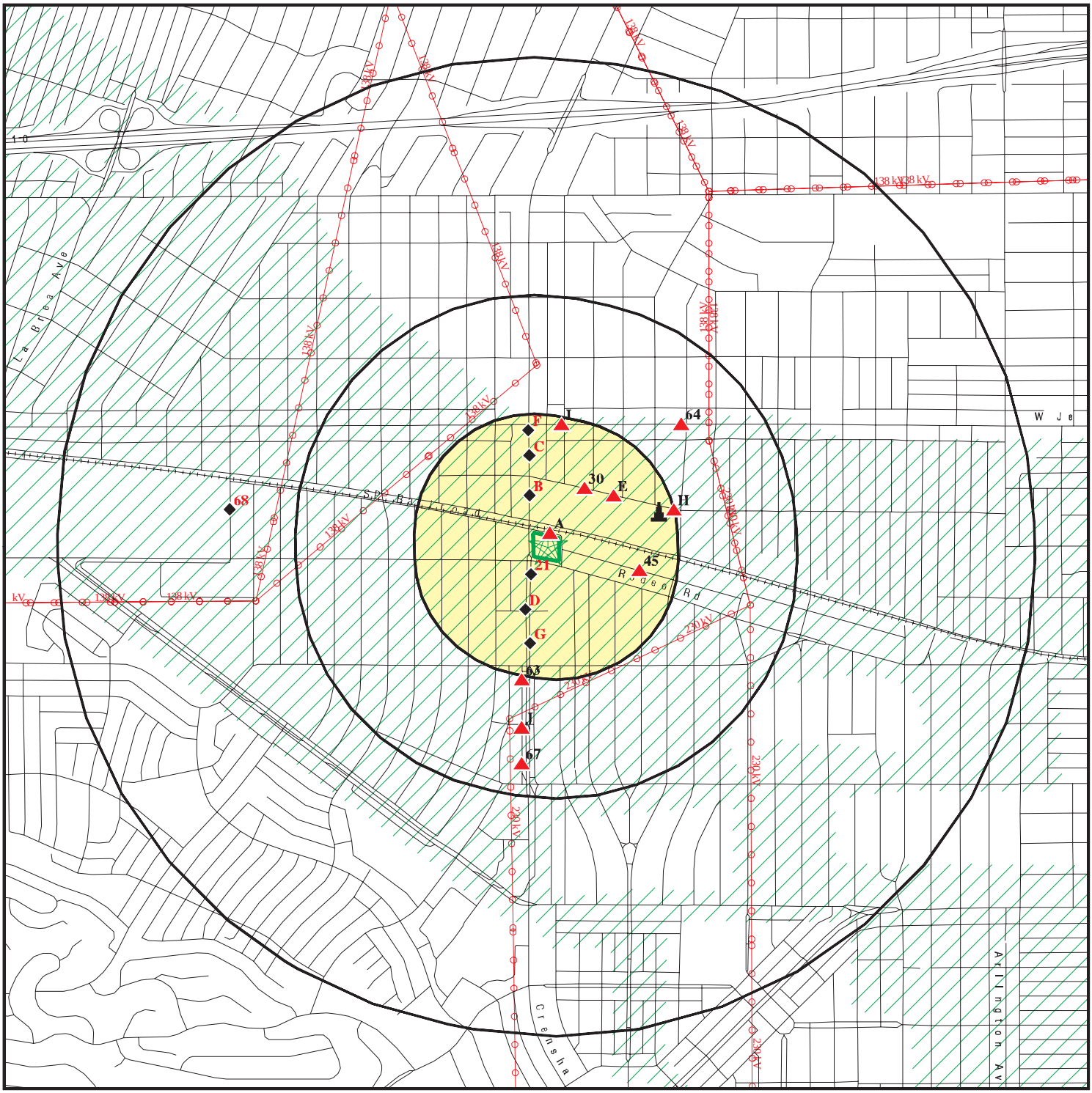
Lower Elevation	Address	Direction / Distance	Map ID	Page
CAMEO CLEANERS	3650 CRENSHAW BLVD	SSW 0 - 1/8 (0.014 mi.)	A7	14
BLUE BIRD LAUNDRY CORP LTD	3662 CRENSHAW BLVD	SSW 0 - 1/8 (0.037 mi.)	21	35
BLUE BIRD LAUNDRY	3622 CRENSHAW BLVD	NNW 0 - 1/8 (0.049 mi.)	B23	37
MONARCH LAUNDRY CO INC	3612 CRENSHAW BLVD	N 0 - 1/8 (0.079 mi.)	B24	37
REGAL CLEANERS DYERS LTD	3602 CRENSHAW BLVD	N 0 - 1/8 (0.110 mi.)	C26	38
MONARCH CLEANERS DYERS	3417 CRENSHAW BLVD	N 1/8 - 1/4 (0.216 mi.)	F53	79

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
SOFTONE CLEANERS	DRYCLEANERS
KENNETH HAHN STATE RECREATION AREA	CERCLIS-NFRAP
HWY 1-5/N. OF DOWNEY RD	ERNS
IN ALLEY(THOMPSON AVE TO HOOKER PL	ERNS
E AND WASHINGTON BLVD.	ERNS
BOCA AND VALLEY BLVD	ERNS
110 FREEWAY AT ROSECRANS BLVD/SOUT	ERNS
HENERY FORD AVE AND	ERNS
HOOVER @ EXPOSITION BLVDS	ERNS
MAPLE AVE AND WASHINGTON	ERNS
LOS ANGELES RIVER NEAR THE COLORAD	ERNS
PACIFIC CST. HWY + BULGA CYN. RD.	ERNS
SYLMAR CONVERTER STATION 31201 SEP	ERNS
1075 EAST ARTESIA BLVD	ERNS
AUTO SHOP 8533 ARTESIA BLVD	ERNS
DIESEL FUEL RELEASE 1075 EAST ARTE	ERNS
1035 N. RAMPART BLVD	ERNS
LOS ANGELES CITY AVE 26 & FIGUEROA	FINDS
5320 1/2 ITHACA AVE	CDL
BALDWIN HILLS SHOPPING CENTER	ENVIROSTOR

OVERVIEW MAP - 3245009.2s



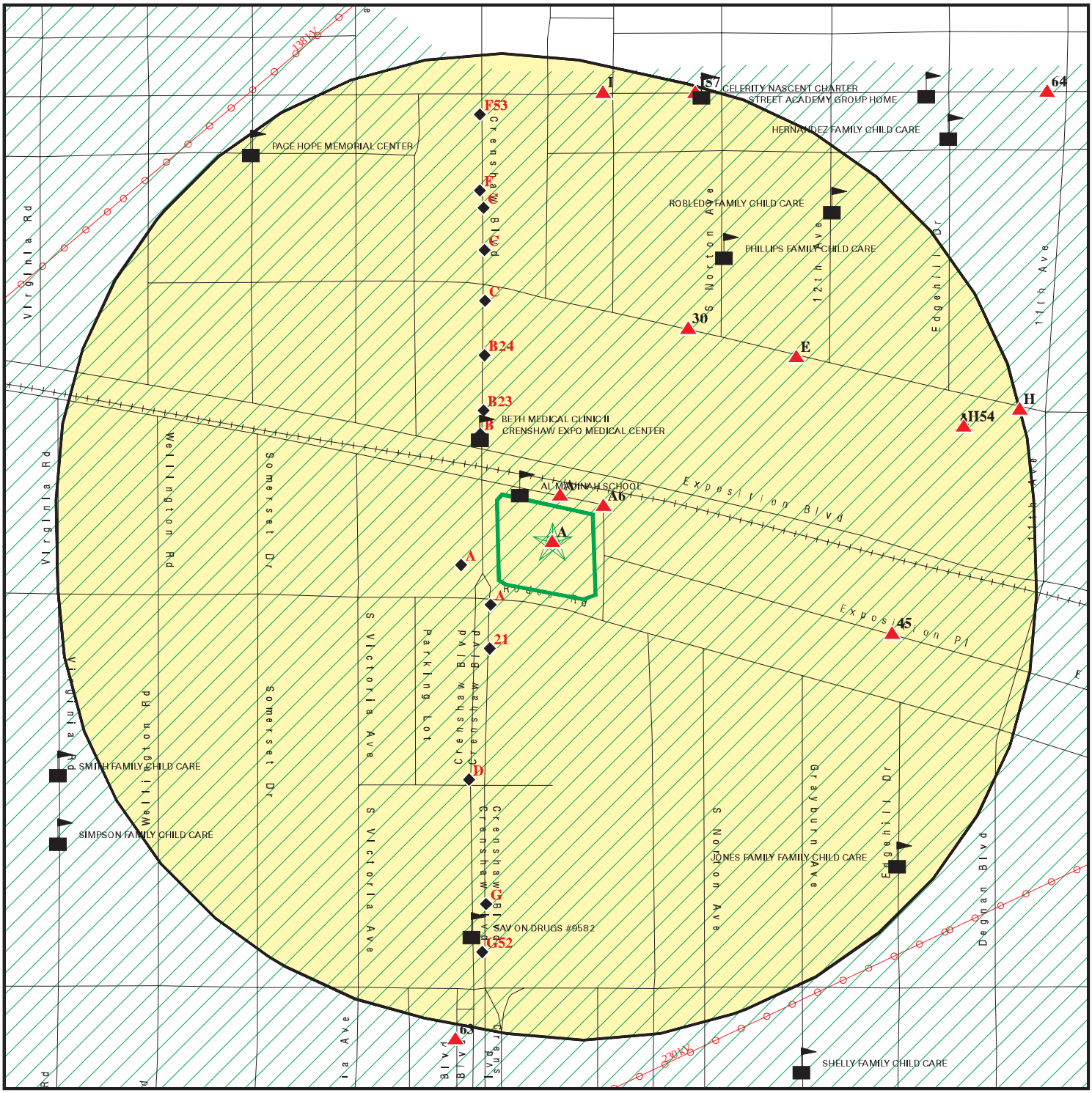
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	CLIENT:	Tetra Tech Inc.
ADDRESS:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles CA 90018	CONTACT:	Tanya Maclean
LAT/LONG:	34.0219 / 118.3344	INQUIRY #:	3245009.2s
		DATE:	January 24, 2012 9:37 am

DETAIL MAP - 3245009.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	CLIENT:	Tetra Tech Inc.
ADDRESS:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles CA 90018	CONTACT:	Tanya Maclean
LAT/LONG:	34.0219 / 118.3344	INQUIRY #:	3245009.2s
		DATE:	January 24, 2012 9:40 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	7	5	NR	NR	NR	12
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE		1.000	0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR		1.000	0	1	0	1	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	2	4	5	NR	NR	11
SLIC		0.500	5	3	0	NR	NR	8

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	3	3	NR	NR	NR	6
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST		0.250	3	8	NR	NR	NR	11
HIST UST		0.250	3	6	NR	NR	NR	9
SWEEPS UST		0.250	3	8	NR	NR	NR	11
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	1	2	2	NR	NR	5
Notify 65		1.000	0	0	0	0	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	1	0	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
LOS ANGELES CO. HMS		TP	NR	NR	NR	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
HWT		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	1	0	0	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Historical Auto Stations		0.250	1	5	NR	NR	NR	6
EDR Historical Cleaners		0.250	5	1	NR	NR	NR	6

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CONROY'S** **HAZNET** **S103655546**
Target **3646 CRENSHAW BLVD** **N/A**
Property **LOS ANGELES, CA 90016**

Site 1 of 16 in cluster A

Actual:
113 ft.

HAZNET:

Year:	1997
Gepaid:	CAL000128971
Contact:	NIHAD WAARY & NADER WARY
Telephone:	2132996221
Mailing Name:	Not reported
Mailing Address:	3646 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164850
Gen County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County:	Orange
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	H01
Tons:	.0208
Facility County:	Los Angeles

Year:	1996
Gepaid:	CAL000128971
Contact:	NIHAD WAARY & NADER WARY
Telephone:	2132996221
Mailing Name:	Not reported
Mailing Address:	3646 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164850
Gen County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County:	Orange
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	H01
Tons:	.0416
Facility County:	Los Angeles

A2 **AL-MADINAH SCHOOL** **FINDS** **1004444495**
Target **3510 EXPOSITION PL** **N/A**
Property **LOS ANGELES, CA 90018**

Site 2 of 16 in cluster A

Actual:
113 ft.

FINDS:

Registry ID: 110011553194

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

A3 NNE < 1/8 0.007 mi. 38 ft. **MONTIQUE CORP**
3411 EXPOSITION BLVD
LOS ANGELES, CA 90018
Site 3 of 16 in cluster A

RCRA-SQG 1000978196
FINDS CA0000954073
HAZNET

Relative: Higher

Actual: 113 ft.

RCRA-SQG:

Date form received by agency:	12/01/1994
Facility name:	MONTIQUE CORP
Facility address:	3411 EXPOSITION BLVD LOS ANGELES, CA 90018
EPA ID:	CA0000954073
Mailing address:	EXPOSITION BLVD LOS ANGELES, CA 90018
Contact:	JUANITA ROBERTSON
Contact address:	3411 EXPOSITION BLVD LOS ANGELES, CA 90018
Contact country:	US
Contact telephone:	(213) 298-3123
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MONTIQUE CORP
Owner/operator address:	3411 EXPOSITION BLVD LOS ANGELES, CA 90018
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 298-3123
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

MONTIQUE CORP (Continued) **1000978196**

FINDS:

Registry ID: 110002621672

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Year:	1999
Gepaid:	CA0000954073
Contact:	MONTIQUE CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3411 EXPOSITION BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900180000
Gen County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01
Tons:	0.0875
Facility County:	Los Angeles

Year:	1998
Gepaid:	CA0000954073
Contact:	MONTIQUE CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3411 EXPOSITION BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900180000
Gen County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture
Disposal Method:	H01
Tons:	.0208
Facility County:	Los Angeles

Year:	1998
Gepaid:	CA0000954073
Contact:	MONTIQUE CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3411 EXPOSITION BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900180000
Gen County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01

MONTIQUE CORP (Continued) **1000978196**

Tons: .0166
Facility County: Los Angeles

A4
NNE
< 1/8
0.007 mi.
38 ft.

KAS TEX CORPORATION **CA FID UST** **S101617206**
3411 EXPOSITION BLVD **SWEEPS UST** **N/A**
LOS ANGELES, CA 90018

Site 4 of 16 in cluster A

Relative:
Higher

Actual:
113 ft.

CA FID UST:

Facility ID:	19054240
Regulated By:	UTNKI
Regulated ID:	00041258
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137351631
Mail To:	Not reported
Mailing Address:	3411 EXPOSITION BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	2224
Number:	Not reported
Board Of Equalization:	44-012201
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002224-000001
Actv Date:	Not reported
Capacity:	1000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

A5
NNE
< 1/8
0.007 mi.
38 ft.

KAS TEX CORP.
3411 EXPOSITION BLVD
LOS ANGELES, CA 90018

Site 5 of 16 in cluster A

Relative: Higher

Actual: 113 ft.

HIST UST | **U001560782** | **N/A**

HIST UST:

Region:	STATE
Facility ID:	00000041258
Facility Type:	Other
Other Type:	FABRIC WHOLESALER
Total Tanks:	0001
Contact Name:	JOE GONZALES
Telephone:	2137351631
Owner Name:	KAS TEX CORP.
Owner Address:	3411 EXPOSITION BLVD.
Owner City,St,Zip:	LOS ANGELES, CA 90274
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Visual

A6
NE
< 1/8
0.008 mi.
43 ft.

LA VENTILATOR STATION 9
3301 EXPOSITION BLVD
LOS ANGELES, CA 90018

Site 6 of 16 in cluster A

Relative: Higher

Actual: 114 ft.

RCRA-SQG | **1000430263**
FINDS | **CAD981986706**

RCRA-SQG:

Date form received by agency:	03/24/1987
Facility name:	LA VENTILATOR STATION 9
Facility address:	3301 EXPOSITION BLVD LOS ANGELES, CA 90018
EPA ID:	CAD981986706
Mailing address:	200 N MAIN RM EIGHTH HUNDREDCH LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3301 EXPOSITION BLVD LOS ANGELES, CA 90018
Contact country:	US
Contact telephone:	(213) 485-7527
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF LOS ANGELES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999

LA VENTILATOR STATION 9 (Continued) **1000430263**

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002765981

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A7 **CAMEO CLEANERS** **EDR Historical Cleaners** **1009126487**
SSW **3650 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90000**
0.014 mi.
75 ft. **Site 7 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

EDR Historical Cleaners:

Name:	CAMEO CLEANERS
Year:	1994
Type:	Not reported

A8 **CAMEO CLEANERS (CRENSHAW PARK)** **SLIC** **S102811331**
SSW **3650 CRENSHAW BOULEVARD** **ENF** **N/A**
< 1/8 **LOS ANGELES, CA 90018** **HAZNET**
0.014 mi.
75 ft. **Site 8 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	03/01/2010
Global Id:	SL2045H1621
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.021431
Longitude:	-118.334177
Case Type:	Cleanup Program Site
Case Worker:	LM
Local Agency:	Not reported
RB Case Number:	0545
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Not reported
Site History:	The site is a strip mall and the buildings, in which Cameo Cleaners and A & J Laundry operate, were constructed between 1952 and 1954 and dry cleaning operations have been conducted at the Site since approximately 1954. Besides the dry cleaning operation, A & J Laundry conducts a stone-washing and other industrial laundry operations. According to site investigation reports submitted to the Regional Board, a number of site investigations have been conducted at the site since 1997 and have indicated that the soil, soil vapor and groundwater beneath the site are contaminated with perchloroethylene (PCE), trichloroethene (TCE) and other volatile organic compounds (VOCs) as a result of release of chemicals used in the dry cleaning operations. The extent of the soil and groundwater contamination has been delineated. According to remediation status reports submitted to the Regional Board, a Dual Phase Extraction (DPE) system consisting of a water sealed liquid-ring vacuum pump and two vapor-phase granular activated carbon vessels operated from March to September 2004. However, the DPE system had limited success in reducing the detected VOCs in the soil, soil gas, and groundwater at the Site. The remediation system operation was terminated in September 2004. In August 2009, the site owner submitted an Interim Remedial Action Plan (IRAP) to clean up the soil with a soil vapor extraction (SVE) system. The IRAP identified the shortcomings of the previously attempted DPE sytem and presented appropriate technical approaches. The Regional Board approved the IRAP in January 2010. The SVE system is currently operating at the site. Site assessment and groundwater monitoring are still being conducted at the site.

CAMEO CLEANERS (CRENSHAW PARK) (Continued) **S102811331**

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Remediation
SLIC:	0545
Substance:	VOCs
Staff:	AH

ENF:

Region:	4
Facility Id:	212878
Agency Name:	CRENSHAW PARK
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Unknown
# Of Agencies:	1
Place Latitude:	34.0213889
Place Longitude:	-118.33472
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
# Of Programs:	1
WDID:	4SLIC545
Reg Measure Id:	167583
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported

CAMEO CLEANERS (CRENSHAW PARK) (Continued) **S102811331**

Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	240603
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	12/19/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/19/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC545
Description:	Notice of Violation sent 12/19/01 for overdue pilot test workplan.
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	4
Facility Id:	212878
Agency Name:	CRENSHAW PARK
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Unknown
# Of Agencies:	1
Place Latitude:	34.0213889
Place Longitude:	-118.33472
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

CAMEO CLEANERS (CRENSHAW PARK) (Continued) **S102811331**

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	SLIC
# Of Programs:	1
WDID:	4SLIC545
Reg Measure Id:	167583
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230070
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/21/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	6/21/2000
Termination Date:	04/21/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4SLIC545
Description:	Level 1 enforcement letter sent 4/21/00 for FTS RAP.

CAMEO CLEANERS (CRENSHAW PARK) (Continued) **S102811331**

Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HAZNET:

Year:	2003
Gepaid:	CAL000030827
Contact:	FRED NIK V.P
Telephone:	3108015363
Mailing Name:	DYN MAVERICK INC
Mailing Address:	3650 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164851
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Not reported
Tons:	Not reported
Facility County:	Los Angeles

Year:	2003
Gepaid:	CAL000030827
Contact:	FRED NIK V.P
Telephone:	3108015363
Mailing Name:	DYN MAVERICK INC
Mailing Address:	3650 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164851
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	H01
Tons:	0.08
Facility County:	Los Angeles

Year:	2003
Gepaid:	CAL000030827
Contact:	FRED NIK V.P
Telephone:	3108015363
Mailing Name:	DYN MAVERICK INC
Mailing Address:	3650 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164851
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01

CAMEO CLEANERS (CRENSHAW PARK) (Continued) **S102811331**

Tons:	1.14
Facility County:	Los Angeles
Year:	2002
Gepaid:	CAL000030827
Contact:	DAVID SHAPIRO SEC
Telephone:	2132940212
Mailing Name:	Not reported
Mailing Address:	3650 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164851
Gen County:	Los Angeles
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	Not reported
Facility County:	Not reported
Year:	2002
Gepaid:	CAL000030827
Contact:	DAVID SHAPIRO SEC
Telephone:	2132940212
Mailing Name:	Not reported
Mailing Address:	3650 CRENSHAW BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900164851
Gen County:	Los Angeles
TSD EPA ID:	Not reported
TSD County:	Los Angeles
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01
Tons:	0.19
Facility County:	Not reported

Click this hyperlink while viewing on your computer to access
15 additional CA_HAZNET: record(s) in the EDR Site Report.

A9 **CAMEO CLEANERS** **DRYCLEANERS** **S109519130**
SSW **3650 S CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.014 mi.
75 ft. **Site 9 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

DRYCLEANERS:

EPA Id:	CAL000030827
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	5/16/1990
Facility Active:	No
Inactive Date:	6/30/2007
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	3650 CRENSHAW BLVD
Mailing Address 2:	Not reported
Mailing State:	CA
Mailing Zip:	900164851

CAMEO CLEANERS (Continued) **S109519130**

Owner Name: FRED DAVID NICK
Owner Address: 3650 CRENSHAW BLVD
Owner Address 2: Not reported
Owner Telephone: 3232940212
Contact Name: FRED DAVID NICK
Contact Address: 3650 CRENSHAW BLVD
Contact Address 2: Not reported
Contact Telephone: 3232940212

A10 **RODEO SHELL** **UST** **U003781457**
West **3645 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.021 mi.
111 ft. **Site 10 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

UST:
Facility ID: 7947
Latitude: 34.02234
Longitude: -118.33515

A11 **SHELL SERVICE STATION** **LUST** **S107138453**
West **3645 CRENSHAW BLVD. S.** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.021 mi.
111 ft. **Site 11 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

LUST:
Region: STATE
Global Id: T0603764817
Latitude: 34.021702
Longitude: -118.335502
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 01/06/2009
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: DPP
Local Agency: LOS ANGELES, CITY OF
RB Case Number: 900160361
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0603764817
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2139783722

Global Id: T0603764817

SHELL SERVICE STATION (Continued) **S107138453**

Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0603764817
Action Type: RESPONSE
Date: 08/06/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0603764817
Action Type: RESPONSE
Date: 12/06/2010
Action: Site Assessment Report

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 09/27/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: ENFORCEMENT
Date: 06/15/2009

SHELL SERVICE STATION (Continued) **S107138453**

Action: Staff Letter

Global Id: T0603764817
Action Type: RESPONSE
Date: 08/18/2008
Action: Soil and Water Investigation Report

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2006
Action: Other Report / Document

Global Id: T0603764817
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/09/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/28/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603764817
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0603764817
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SHELL SERVICE STATION (Continued) **S107138453**

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 05/20/2009
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0603764817
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603764817
Action Type: ENFORCEMENT
Date: 05/24/2006
Action: Staff Letter

Global Id: T0603764817
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

A12 **HONG'S SHELL** **HIST UST** **U001560665**
West **3645 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.021 mi.
111 ft. **Site 12 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

HIST UST:
Region: STATE
Facility ID: 00000050948
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: JOON P. HONG
Telephone: 2132922064
Owner Name: HONG'S SHELL
Owner Address: 3645 S. CRENSHAW BLVD.
Owner City,St,Zip: LOS ANGELES, CA 90016

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000

HONG'S SHELL (Continued) **U001560665**

Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: None

A13 **JOON PARK HONG** **HIST UST** **U001560781**
West **3645 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.021 mi.
111 ft. **Site 13 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

HIST UST:
Region: STATE
Facility ID: 00000007760
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: SAME
Telephone: 2132922014
Owner Name: SHELL OIL COMPANY
Owner Address: P.O. BOX 4848
Owner City,St,Zip: ANAHEIM, CA 92803

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 002
Container Num: 2
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

JOON PARK HONG (Continued) **U001560781**

Tank Num: 003
Container Num: 3
Year Installed: 1982
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

A14
West
< 1/8
0.021 mi.
111 ft.

S & K SHELL **EDR Historical Auto Stations** **1008996268**
3645 CRENSHAW BLVD **N/A**
LOS ANGELES, CA 90000

Site 14 of 16 in cluster A

Relative:
Lower

Actual:
112 ft.

EDR Historical Auto Stations:
Name: S & K SHELL
Year: 1994
Type: Not reported

A15
West
< 1/8
0.021 mi.
111 ft.

CRENSHAW SHELL MINI MARKET **CA FID UST** **S101617189**
3645 CRENSHAW BLVD **SWEEPS UST** **N/A**
LOS ANGELES, CA 90016

Site 15 of 16 in cluster A

Relative:
Lower

Actual:
112 ft.

CA FID UST:
Facility ID: 19009982
Regulated By: UTNKA
Regulated ID: 00050948
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132989271
Mail To: Not reported
Mailing Address: 3645 CRENSHAW BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 2862
Number: 1
Board Of Equalization: 44-012596
Ref Date: 02-25-93
Act Date: 11-04-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002862-000001

CRENSHAW SHELL MINI MARKET (Continued) **S101617189**

Actv Date:	04-20-88
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	2
Status:	A
Comp Number:	2862
Number:	1
Board Of Equalization:	44-012596
Ref Date:	02-25-93
Act Date:	11-04-93
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002862-000002
Actv Date:	04-20-88
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

A16 **SHELL SERVICE STATION** **RCRA-SQG** **1005441140**
West **3645 S CRENSHAW** **FINDS** **CAR000115915**
< 1/8 **LOS ANGELES, CA 90016** **HAZNET**
0.021 mi.
111 ft. **Site 16 of 16 in cluster A**

Relative:
Lower

Actual:
112 ft.

RCRA-SQG:

Date form received by agency:	05/08/2002
Facility name:	SHELL SERVICE STATION
Facility address:	3645 S CRENSHAW S A P 135543 LOS ANGELES, CA 90016
EPA ID:	CAR000115915
Mailing address:	P O BOX 2648 HOUSTON, TX 772522648
Contact:	SONDRA BIENVENU
Contact address:	P O BOX 2648 HOUSTON, TX 772522648
Contact country:	US
Contact telephone:	(713) 241-5036
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	EQUILON ENT LLC DBA S O P US
Owner/operator address:	P O BOX 2648 HOUSTON, TX 77252

SHELL SERVICE STATION (Continued) **1005441140**

Owner/operator country: Not reported
Owner/operator telephone: (713) 241-5036
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110012546478

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHELL SERVICE STATION (Continued) **1005441140**

HAZNET:

Year:	2008
Gepaid:	CAR000115915
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.175
Facility County:	Los Angeles

Year:	2008
Gepaid:	CAR000115915
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County:	Los Angeles
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.22935
Facility County:	Los Angeles

Year:	2006
Gepaid:	CAR000115915
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Los Angeles
TSD EPA ID:	WAD991281767
TSD County:	99
Waste Category:	Not reported
Disposal Method:	T03
Tons:	0.12
Facility County:	Los Angeles

Year:	2005
Gepaid:	CAR000115915
Contact:	N CORTEZ/ENVT'L DATA ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR MFT 240-G
Mailing City,St,Zip:	Houston, TX 770672508
Gen County:	Los Angeles
TSD EPA ID:	CAD008364432

SHELL SERVICE STATION (Continued) **1005441140**

TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: R01
Tons: 0.01
Facility County: Not reported

Year: 2004
Gepaid: CAR000115915
Contact: N CORTEZ/ENVT'L DATA ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR MFT 240-G
Mailing City,St,Zip: Houston, TX 770672508
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: R01
Tons: 0.01
Facility County: Not reported

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

B17 **20TH CENTURY PLASTICS** **SLIC** **S105721798**
NNW **3628 CRENSHAW** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.030 mi.
161 ft. **Site 1 of 7 in cluster B**

Relative:
Lower

Actual:
112 ft.

SLIC REG 4:
Region: 4
Facility Status: No further action required
SLIC: 0199
Substance: VOCs
Staff: Not reported

B18 **20TH CENTURY PLASTICS** **RCRA-SQG** **1000237815**
NNW **3628 CRENSHAW BLVD** **FINDS** **CAD028616050**
< 1/8 **LOS ANGELES, CA 90016** **HIST CORTESE**
0.031 mi. **LUST**
162 ft. **Site 2 of 7 in cluster B** **SLIC**
HAZNET

Relative:
Lower

Actual:
112 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: 20TH CENTURY PLASTICS
Facility address: 3628 CRENSHAW BLVD
LOS ANGELES, CA 90016
EPA ID: CAD028616050
Mailing address: CRENSHAW BLVD
LOS ANGELES, CA 90016
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported

20TH CENTURY PLASTICS (Continued) **1000237815**

Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: AVERY INTERNATIONAL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002640722

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

20TH CENTURY PLASTICS (Continued) **1000237815**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900160243

LUST:

Region:	STATE
Global Id:	T0603700574
Latitude:	34.0228531
Longitude:	-118.3351933
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	06/30/2000
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	WR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900160243
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0603700574
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2139783722

Global Id:	T0603700574
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603700574
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

20TH CENTURY PLASTICS (Continued) **1000237815**

Global Id: T0603700574
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900160243
Status: Leak being confirmed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700574
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: EXPOSITION BLVD
Enforcement Type: Not reported
Date Leak Discovered: 2/18/1997
Date Leak First Reported: 2/18/1997
Date Leak Record Entered: 3/26/1997
Date Confirmation Began: 2/18/1997
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 2/18/1997
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 6021.7683247267208958645031001
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: WEST ANGELES CHURCH
RP Address: 3045 CRENSHAW BLVD., LOS ANGELES CA 90016
Program: LUST

20TH CENTURY PLASTICS (Continued) **1000237815**

Lat/Long:	34.0228531 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	REQUEST FOR CLOSURE

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/17/1994
Global Id:	SLT43119117
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.023989
Longitude:	-118.334143
Case Type:	Cleanup Program Site
Case Worker:	TA
Local Agency:	Not reported
RB Case Number:	0199
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

Year:	1997
Gepaid:	CAC000756504
Contact:	JOHN KIDWELL/PRES
Telephone:	7144414500
Mailing Name:	Not reported
Mailing Address:	205 S PUENTE ST
Mailing City,St,Zip:	BREA, CA 926210000
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Tank bottom waste
Disposal Method:	R01
Tons:	29.6070
Facility County:	Los Angeles

B19 **SYSTEM CLEANERS** **SLIC S104404779**
NNW **3631 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90018**
0.035 mi.
183 ft. **Site 3 of 7 in cluster B**

Relative:
Lower

Actual:
112 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	04/05/1996
Global Id:	SLT4L5341833
Lead Agency:	LOS ANGELES RWQCB (REGION 4)

SYSTEM CLEANERS (Continued) **S104404779**

Lead Agency Case Number:	Not reported
Latitude:	34.021431
Longitude:	-118.334177
Case Type:	Cleanup Program Site
Case Worker:	TA
Local Agency:	Not reported
RB Case Number:	0534
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Inactive
SLIC:	0534
Substance:	VOCs
Staff:	Not reported

B20 **SYSTEM 3 CLEANERS** **RCRA-SQG** **1000474510**
NNW **3631 CRENSHAW BLVD #101** **FINDS** **CAD982000150**
< 1/8 **LOS ANGELES, CA 90016**
0.036 mi.
192 ft. **Site 4 of 7 in cluster B**

Relative:
Lower

Actual:
112 ft.

RCRA-SQG:

Date form received by agency:	02/01/1991
Facility name:	SYSTEM 3 CLEANERS
Facility address:	3631 CRENSHAW BLVD #101 LOS ANGELES, CA 90016
EPA ID:	CAD982000150
Mailing address:	CRENSHAW BLVD #101 LOS ANGELES, CA 90016
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3631 CRENSHAW BLVD #101 LOS ANGELES, CA 90016
Contact country:	US
Contact telephone:	(213) 375-8809
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BAHARUN ABURAHMAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner

SYSTEM 3 CLEANERS (Continued) **1000474510**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002772278

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

21
SSW
< 1/8
0.037 mi.
197 ft.

BLUE BIRD LAUNDRY CORP LTD
3662 CRENSHAW BLVD
LOS ANGELES, CA

EDR Historical Cleaners **1009191411**
N/A

Relative:
Lower

Actual:
112 ft.

EDR Historical Cleaners:
Name: BLUE BIRD LAUNDRY CORP LTD
Year: 1937
Type: LAUNDRIES STEAM

B22 **SMITH MAINTENANCE COMMUNICATION** **RCRA-SQG** **1000905193**
NW **3611 EXPOSITION BLVD** **FINDS** **CA0000368886**
< 1/8 **LOS ANGELES, CA 90016**
0.039 mi.
208 ft. **Site 5 of 7 in cluster B**

Relative:
Lower

Actual:
112 ft.

RCRA-SQG:

Date form received by agency:	06/06/1994
Facility name:	SMITH MAINTENANCE COMMUNICATION
Facility address:	3611 EXPOSITION BLVD LOS ANGELES, CA 90016
EPA ID:	CA0000368886
Mailing address:	EXPOSITION BLVD LOS ANGELES, CA 90016
Contact:	RALPH SMITH
Contact address:	3611 EXPOSITION BLVD LOS ANGELES, CA 90016
Contact country:	US
Contact telephone:	(213) 298-3123
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	RALPH W SMITH JR
Owner/operator address:	4550 MT VERNON DR LOS ANGELES, CA 90043
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 293-1516
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

SMITH MAINTENANCE COMMUNICATION (Continued) **1000905193**

FINDS:

Registry ID: 110002617703

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B23 **BLUE BIRD LAUNDRY** **EDR Historical Cleaners** **1009188298**
NNW **3622 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.049 mi.
257 ft. **Site 6 of 7 in cluster B**

Relative:
Lower

Actual:
112 ft.

EDR Historical Cleaners:
Name: BLUE BIRD LAUNDRY
Year: 1933
Type: LAUNDRIES STEAM

B24 **MONARCH LAUNDRY CO INC** **EDR Historical Cleaners** **1009190540**
North **3612 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.079 mi.
419 ft. **Site 7 of 7 in cluster B**

Relative:
Lower

Actual:
112 ft.

EDR Historical Cleaners:
Name: MONARCH LAUNDRY
Year: 1933
Type: LAUNDRIES STEAM

Name: MONARCH LAUNDRY INC
Year: 1937
Type: LAUNDRIES STEAM

Name: MONARCH LAUNDRY CO INC
Year: 1942
Type: LAUNDRIES STEAM

C25 **FULCOR REALTY INC** **UST** **U003780112**
North **3602 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90016**
0.110 mi.
582 ft. **Site 1 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

UST:
Facility ID: 6243
Latitude: 34.02382
Longitude: -118.33512

C26 **REGAL CLEANERS DYERS LTD** **EDR Historical Cleaners** **1009191575**
North **3602 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.110 mi.
582 ft. **Site 2 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

EDR Historical Cleaners:

Name:	AMERICAN DYE WORKS
Year:	1937
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	REGAL CLEANERS DYERS LTD
Year:	1937
Type:	CLOTHES PRESSERS AND CLEANERS

C27 **FILM PROCESSING FACILITY** **SLIC** **S104404782**
North **3602 CRENSHAW BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.110 mi.
582 ft. **Site 3 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

SLIC:

Region:	STATE
Facility Status:	**Open**
Status Date:	08/01/1995
Global Id:	SL204451581
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.023989
Longitude:	-118.334143
Case Type:	Cleanup Program Site
Case Worker:	TA
Local Agency:	Not reported
RB Case Number:	0200
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0200
Substance:	VOCs
Staff:	Not reported

D28
South
< 1/8
0.112 mi.
594 ft.

EUNG PARK — **CA FID UST** **S101583743**
3699 CRENSHAW BLVD — **SWEEPS UST** **N/A**
LOS ANGELES, CA 90016

Site 1 of 2 in cluster D

Relative:
Lower

Actual:
112 ft.

CA FID UST:

Facility ID:	19005850
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132900034
Mail To:	Not reported
Mailing Address:	2929 CRENSHAW BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	5985
Number:	2
Board Of Equalization:	Not reported
Ref Date:	02-25-93
Act Date:	02-25-93
Created Date:	02-29-88
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

D29
South
< 1/8
0.117 mi.
617 ft.

MATCHMASTER DYING & FIN — **UST** **U003940477**
3700 CRENSHAW BLVD — **N/A**
LOS ANGELES, CA 90016

Site 2 of 2 in cluster D

Relative:
Lower

Actual:
112 ft.

UST:

Facility ID:	7949
Latitude:	34.01974
Longitude:	-118.33489

30
NNE
< 1/8
0.119 mi.
628 ft.

APT MEDICAL TRANSPORTATION
3411 W 36TH ST
LOS ANGELES, CA 90018

RCRA-SQG
FINDS

1000905028
CA0000269605

Relative:
Higher

Actual:
114 ft.

RCRA-SQG:

Date form received by agency:	04/25/1994
Facility name:	APT MEDICAL TRANSPORTATION
Facility address:	3411 W 36TH ST LOS ANGELES, CA 900183613
EPA ID:	CA0000269605
Mailing address:	W 36TH ST LOS ANGELES, CA 900183613
Contact:	ALEX JEX
Contact address:	3411 W 36TH ST LOS ANGELES, CA 900183613
Contact country:	US
Contact telephone:	(213) 298-3123
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	SMITH MAINTENANCE COMMUNICATION
Owner/operator address:	3773 CRENSHAW BLVD LOS ANGELES, CA 90018
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 298-3123
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

APT MEDICAL TRANSPORTATION (Continued) **1000905028**

FINDS:

Registry ID: 110002616296

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C31 **WIKSTROM MITCHELL** **EDR Historical Auto Stations** **1009082212**
North **3520 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.138 mi.
731 ft. **Site 4 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

EDR Historical Auto Stations:

Name: THIRTY SIXTH CRENSHAW SUPER SERVICE
Year: 1933
Type: GASOLINE AND OIL SERVICE STATIONS

Name: WIKSTROM AND OLLODORT
Year: 1937
Type: GASOLINE AND OIL SERVICE STATIONS

Name: WIKSTROM MITCHELL
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

C32 **BROWN W S** **EDR Historical Auto Stations** **1009079461**
North **3518 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.139 mi.
733 ft. **Site 5 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

EDR Historical Auto Stations:

Name: OBECNY JOHN
Year: 1933
Type: AUTOMOBILE REPAIRING

Name: BROWN W S
Year: 1942
Type: AUTOMOBILE REPAIRING

E33
NE
1/8-1/4
0.146 mi.
772 ft.

CITY OF LA GENERAL SERVICES
3330 W 36TH ST
LOS ANGELES, CA 90018

Site 1 of 3 in cluster E

CA FID UST **S101585216**
SWEEPS UST **N/A**
HAZNET

Relative:
Higher

Actual:
116 ft.

CA FID UST:

Facility ID:	19021077
Regulated By:	UTNKA
Regulated ID:	00047114
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134855846
Mail To:	Not reported
Mailing Address:	200 N MAIN STREET-ROOM
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900180000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	2465
Number:	4
Board Of Equalization:	44-012042
Ref Date:	10-20-92
Act Date:	10-20-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002465-000001
Actv Date:	04-20-88
Capacity:	2000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	7

Status:	A
Comp Number:	2465
Number:	4
Board Of Equalization:	44-012042
Ref Date:	10-20-92
Act Date:	10-20-92
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002465-000002
Actv Date:	04-20-88
Capacity:	1000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CITY OF LA GENERAL SERVICES (Continued) **S101585216**

Status: A
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Ref Date: 10-20-92
Act Date: 10-20-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002465-000003
Actv Date: 04-20-88
Capacity: 550
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Ref Date: 10-20-92
Act Date: 10-20-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002465-000004
Actv Date: 04-20-88
Capacity: 1000
Tank Use: CHEMICAL
Stg: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: A
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Ref Date: 10-20-92
Act Date: 10-20-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002465-000005
Actv Date: 04-20-88
Capacity: 1000
Tank Use: CHEMICAL
Stg: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: A
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Ref Date: 10-20-92
Act Date: 10-20-92

CITY OF LA GENERAL SERVICES (Continued) **S101585216**

Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002465-000006
Actv Date: 04-20-88
Capacity: 1000
Tank Use: CHEMICAL
Stg: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: A
Comp Number: 2465
Number: 4
Board Of Equalization: 44-012042
Ref Date: 10-20-92
Act Date: 10-20-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002465-000007
Actv Date: 04-20-88
Capacity: 500
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

HAZNET:
Year: 2010
Gepaid: CAD981428527
Contact: H.E. MAXWELL, MGMT. ANALYST
Telephone: 2139783791
Mailing Name: Not reported
Mailing Address: 111 E 1ST ST RM 600
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 1.9
Facility County: Los Angeles

Year: 2010
Gepaid: CAD981428527
Contact: H.E. MAXWELL, MGMT. ANALYST
Telephone: 2139783791
Mailing Name: Not reported
Mailing Address: 111 E 1ST ST RM 600
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Not reported
TSD EPA ID: CAT000613935
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY

CITY OF LA GENERAL SERVICES (Continued) **S101585216**

(H010-H129) OR (H131-H135)
Tons: 0.336
Facility County: Los Angeles

Year: 2010
Gepaid: CAD981428527
Contact: H.E. MAXWELL, MGMT. ANALYST
Telephone: 2139783791
Mailing Name: Not reported
Mailing Address: 111 E 1ST ST RM 600
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Not reported
TSD EPA ID: CAT000613935
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0168
Facility County: Los Angeles

Year: 2010
Gepaid: CAD981428527
Contact: H.E. MAXWELL, MGMT. ANALYST
Telephone: 2139783791
Mailing Name: Not reported
Mailing Address: 111 E 1ST ST RM 600
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.175
Facility County: Los Angeles

Year: 2010
Gepaid: CAD981428527
Contact: H.E. MAXWELL, MGMT. ANALYST
Telephone: 2139783791
Mailing Name: Not reported
Mailing Address: 111 E 1ST ST RM 600
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 1.6
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
31 additional CA_HAZNET: record(s) in the EDR Site Report.

E34 **SO DIST BLDG SVC 36TH ST YARD** **RCRA-SQG** **1000455464**
NE **3330 W 36TH ST** **FINDS** **CAD982495129**
1/8-1/4 **LOS ANGELES, CA 90018** **HAZNET**
0.146 mi.
772 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
116 ft.

RCRA-SQG:

Date form received by agency:	07/18/1990
Facility name:	SO DIST BLDG SVC 36TH ST YARD
Facility address:	3330 W 36TH ST LOS ANGELES, CA 90018
EPA ID:	CAD982495129
Mailing address:	200 N MAIN ST RM EIGHTH HUNDRE LOS ANGELES, CA 90012
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3330 W 36TH ST LOS ANGELES, CA 90018
Contact country:	US
Contact telephone:	(213) 485-5871
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LOS ANGELES CITY OF
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

SO DIST BLDG SVC 36TH ST YARD (Continued) **1000455464**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002831115

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Year: 2003
Gepaid: CAD982495129
Contact: INACT PER SURVEY 1-9-95
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 200 N MAIN ST RM 800 CHE
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Waste Category: Asbestos containing waste
Disposal Method: D80
Tons: 5.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982495129
Contact: INACT PER SURVEY 1-9-95
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 200 N MAIN ST RM 800 CHE
Mailing City,St,Zip: LOS ANGELES, CA 900120000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: H01
Tons: 0.05
Facility County: Los Angeles

E35
NE
1/8-1/4
0.146 mi.
772 ft.

36TH ST. YARD-SOUTH DISTRICT
3330 W 36TH ST
LOS ANGELES, CA 90018

Site 3 of 3 in cluster E

HIST UST **U001560762**
N/A

Relative:
Higher

Actual:
116 ft.

HIST UST:

Region:	STATE
Facility ID:	00000047114
Facility Type:	Other
Other Type:	CITY MAINT. YD.
Total Tanks:	0007
Contact Name:	AMAMOTO/KEEL/OLIVE
Telephone:	2134855871
Owner Name:	CITY OF L.A.
Owner Address:	CITY HALL EAST, RM. 800-200 N.
Owner City,St,Zip:	LOS ANGELES, CA 90012
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/8 inches
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	1/8 inches
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT

36TH ST. YARD-SOUTH DISTRICT (Continued) **U001560762**

Type of Fuel: Not reported
Tank Construction: 1/8 inches
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 6
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 1/4 inches
Leak Detection: Visual

C36 **WESTSIDE ARCO NO. 1** **HIST CORTESE** **S104574422**
North **3412 CRENSHAW BLVD** **LUST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016** **HAZNET**
0.160 mi.
847 ft. **Site 6 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900160170

LUST:
Region: STATE
Global Id: T0603793056
Latitude: 34.025383
Longitude: -118.334933
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/04/2000
Lead Agency: LOS ANGELES, CITY OF
Case Worker: WR
Local Agency: LOS ANGELES, CITY OF
RB Case Number: 900160170A
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0603793056
Contact Type: Local Agency Caseworker
Contact Name: TBD

WESTSIDE ARCO NO. 1 (Continued) **S104574422**

Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2139783722

Global Id: T0603793056
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603793056
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0603793056
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0603793056
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

HAZNET:
Year: 1998
Gepaid: CAD981671308
Contact: MORITA ALBERT K
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3412 CRENSHAW BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900164802
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Tank bottom waste
Disposal Method: R01
Tons: 5.4210
Facility County: Los Angeles

C37 **WESTSIDE ARCO #1** **UST** **U003937138**
North **3412 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.160 mi.
847 ft. **Site 7 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

UST:
Facility ID: 7938
Latitude: 34.02465
Longitude: -118.33512

C38 **WESTSIDE ARCO NO. 1** **LUST** **S104773307**
North **3412 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.160 mi.
847 ft. **Site 8 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900160170A	
Status:	Preliminary site assessment underway	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603793056	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	12/17/1998	
Date Leak First Reported:		5/21/1999
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	12/17/1998	
Date Case Last Changed on Database:		5/21/1999
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Piping	
Operator:	ALBERT MORITA	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6943.44588003694523996243920 63
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		5/21/1999
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported

WESTSIDE ARCO NO. 1 (Continued) **S104773307**

Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: WESTSIDE ARCO NO. 1
RP Address: 3479 MOTOR AVE., LOS ANGELES, CA 90037
Program: LUST
Lat/Long: 34.025383 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: SOIL SAMPLES COLLECTED UNDER THE FUEL DISPENSER PIPING SHOWED HIGH LEVELS OF TPH. THIS REPORT IS BEING SUBMITTED TO CONFORM WITH THE STATE CLEAN FUND REQUIREMENT SINCE THE LIA HAS ISSUED A DIRECTIVE.

C39 **ARCO #27** **CA FID UST** **S101582851**
North **3412 CRENSHAW BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.160 mi.
847 ft. **Site 9 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

CA FID UST:
Facility ID: 19001652
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 3104085300
Mail To: Not reported
Mailing Address: 17315 STUDEBAKER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 5578
Number: 9
Board Of Equalization: Not reported
Ref Date: 11-17-92
Act Date: 02-17-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-005578-000001
Actv Date: 04-20-88
Capacity: 12000

ARCO #27 (Continued) **S101582851**

Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	3
Status:	A
Comp Number:	5578
Number:	9
Board Of Equalization:	Not reported
Ref Date:	11-17-92
Act Date:	02-17-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-005578-000002
Actv Date:	04-20-88
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	A
Comp Number:	5578
Number:	9
Board Of Equalization:	Not reported
Ref Date:	11-17-92
Act Date:	02-17-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-005578-000003
Actv Date:	04-20-88
Capacity:	12000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

C40 **ARCO #0027** **LUST** **S101296968**
North **3412 CRENSHAW BLVD S** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.160 mi.
847 ft. **Site 10 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

LUST:

Region:	STATE
Global Id:	T0603700567
Latitude:	34.0251645
Longitude:	-118.3350658
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/03/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900160170
LOC Case Number:	Not reported

ARCO #0027 (Continued) **S101296968**

File Location: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0603700567
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700567
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700567
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0603700567
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900160170
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700567
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: JEFFERSON BLVD
Enforcement Type: Not reported
Date Leak Discovered: 2/19/1988
Date Leak First Reported: 2/22/1988

ARCO #0027 (Continued) **S101296968**

Date Leak Record Entered:	5/11/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/31/1997
Date the Case was Closed:		12/3/1996
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	MORITA, ALBERT OLD#003915	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		6978.1484858276270719603415134
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/9/1992
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	ARCO PRODUCTS CO	
RP Address:	P.O. BOX 5077, BUENA PARK CA 90622-5077	
Program:	LUST	
Lat/Long:	34.025477 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	CHANGE TO R.B.CASE ON 05/16/89 , 4TH QUARTER REPORT 2/20/91, 1ST QUARTER REPORT 4/26/91 , 2ND QU. RP. 7/31/91	

C41 **GALLOWAY HOLLINGSWORTH** **EDR Historical Auto Stations** **1009084775**
North **3400 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.163 mi.
860 ft. **Site 11 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

EDR Historical Auto Stations:

Name:	GALLOWAY HOLLINGSWORTH
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

C42
North
1/8-1/4
0.163 mi.
860 ft.

ALBERT MORITA & PAULINE MORITA
3400 CRENSHAW BLVD
LOS ANGELES, CA 90016

Site 12 of 13 in cluster C

Relative:
Lower

Actual:
112 ft.

CA FID UST **S101617182**
SWEEPS UST **N/A**

CA FID UST:

Facility ID:	19055412
Regulated By:	UTNKA
Regulated ID:	00026468
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8004439511
Mail To:	Not reported
Mailing Address:	515 S FLOWER ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-001556-000001
Actv Date:	Not reported
Capacity:	10000
Tank Use:	CHEMICAL
Stg:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	4

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-001556-000002
Actv Date:	Not reported
Capacity:	10000
Tank Use:	CHEMICAL
Stg:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

ALBERT MORITA & PAULINE MORITA (Continued) **S101617182**

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-001556-000003
Actv Date:	Not reported
Capacity:	550
Tank Use:	OIL
Stg:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	1556
Number:	Not reported
Board Of Equalization:	Not reported
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-001556-000004
Actv Date:	Not reported
Capacity:	8000
Tank Use:	CHEMICAL
Stg:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

C43 **ALBERT MORITA & PAULINE MORITA** **HIST UST** **U001560646**
North **3400 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.163 mi.
860 ft. **Site 13 of 13 in cluster C**

Relative:
Lower

Actual:
112 ft.

HIST UST:

Region:	STATE
Facility ID:	00000026468
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Contact Name:	Not reported
Telephone:	0000000000
Owner Name:	ARCO PETROLEUM PRODUCTS CO.
Owner Address:	515 SOUTH FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071

Tank Num:	001
Container Num:	0000000001
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06

ALBERT MORITA & PAULINE MORITA (Continued) **U001560646**

Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 0000000002
Year Installed: 1972
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 0000000003
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Tank Construction: 0000093 inches
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 0000000004
Year Installed: 1972
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

F44 **CRENSHAW CAR WASH** **SLIC S104404780**
North **3518 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.165 mi.
873 ft. **Site 1 of 3 in cluster F**

Relative:
Lower

Actual:
111 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/16/1965
Global Id:	SLT43352350
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.025143
Longitude:	-118.334179
Case Type:	Cleanup Program Site
Case Worker:	TA
Local Agency:	Not reported
RB Case Number:	0546
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

CRENSHAW CAR WASH (Continued) **S104404780**

Region: 4
Facility Status: No further action required
SLIC: 0546
Substance: TPH
Staff: Not reported

45
East
1/8-1/4
0.170 mi.
895 ft.

Relative:
Higher

Actual:
116 ft.

MISSION CUSTOM FURNISHINGS, INC.
3217 EXPOSITION PL
LOS ANGELES, CA 90018

CA FID UST **S101587474**
SWEEPS UST **N/A**
EMI

CA FID UST:
Facility ID: 19055672
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 3103948282
Mail To: Not reported
Mailing Address: 3217 EXPOSITION PL
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900180000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 4072
Number: 9
Board Of Equalization: Not reported
Ref Date: 02-01-93
Act Date: 04-26-94
Created Date: 02-29-88
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

EMI:
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 56979
Air District Name: SC
SIC Code: 7641
Air District Name: SOUTH COAST AQMD

MISSION CUSTOM FURNISHINGS, INC. (Continued) **S101587474**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	56979
Air District Name:	SC
SIC Code:	7641
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	56979
Air District Name:	SC
SIC Code:	7641
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.70225
Reactive Organic Gases Tons/Yr:	1.68
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0882
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.06

F46 **MIDAS MUFFLER SHOP** **CA FID UST** **S101584330**
North **3501 CRENSHAW BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.173 mi.
912 ft. **Site 2 of 3 in cluster F**

Relative:
Lower

Actual:
112 ft.

CA FID UST:

Facility ID:	19010493
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2136523040
Mail To:	Not reported

MIDAS MUFFLER SHOP (Continued) **S101584330**

Mailing Address: 3501 CRENSHAW
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:
Status: Not reported
Comp Number: 7525
Number: Not reported
Board Of Equalization: Not reported
Ref Date: Not reported
Act Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: Not reported
Actv Date: Not reported
Capacity: Not reported
Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

G47 **MAJESTIC PONTIAC & HONDA** **UST** **U003940445**
South **3740 CRENSHAW BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.180 mi.
950 ft. **Site 1 of 6 in cluster G**

Relative:
Lower

Actual:
112 ft.

UST:
Facility ID: 7951
Latitude: 34.01906
Longitude: -118.33488

SWEEPS UST:
Status: A
Comp Number: 2259
Number: 9
Board Of Equalization: 44-012228
Ref Date: 08-30-93
Act Date: 04-11-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-002259-000001
Actv Date: 04-20-88
Capacity: Not reported
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: 2

MAJESTIC PONTIAC & HONDA (Continued) **U003940445**

Status:	A
Comp Number:	2259
Number:	9
Board Of Equalization:	44-012228
Ref Date:	08-30-93
Act Date:	04-11-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002259-000002
Actv Date:	04-20-88
Capacity:	3000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

G48 **MAJESTIC PONTIAC AND HONDA** **RCRA-SQG** **1000596843**
South **3740 CRENSHAW BLVD** **FINDS** **CAD983608266**
1/8-1/4 **LOS ANGELES, CA 90016** **CA FID UST**
0.180 mi. **HIST UST**
950 ft. **Site 2 of 6 in cluster G** **HAZNET**

Relative:
Lower

Actual:
112 ft.

RCRA-SQG:

Date form received by agency:	09/24/1991
Facility name:	MAJESTIC PONTIAC AND HONDA
Facility address:	3740 CRENSHAW BLVD LOS ANGELES, CA 90016
EPA ID:	CAD983608266
Contact:	JOSEPH CHOI
Contact address:	3740 CRENSHAW BLVD LOS ANGELES, CA 90016
Contact country:	US
Contact telephone:	(213) 293-7111
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	STEPHEN R MAY
Owner/operator address:	1156 3RD ST MANHATTAN BEACH, CA 90266
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 376-9260
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002862750

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:

Facility ID:	19035120
Regulated By:	UTNKA
Regulated ID:	00041420
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132937111
Mail To:	Not reported
Mailing Address:	1441 5TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900160000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

Region:	STATE
Facility ID:	00000041420
Facility Type:	Other
Other Type:	NEW CAR DEALER
Total Tanks:	0002
Contact Name:	MAY, STEPHEN
Telephone:	2132937111
Owner Name:	MAJESTIC PONTIAC & HONDA

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Owner Address: 3740 CRENSHAW BLVD
Owner City,St,Zip: LOS ANGELES, CA 90016

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: #2
Year Installed: 1983
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

HAZNET:
Year: 1998
Gepaid: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 704
Mailing City,St,Zip: EL SEGUNDO, CA 902450704
Gen County: Los Angeles
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: .3625
Facility County: Los Angeles

Year: 1998
Gepaid: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 704
Mailing City,St,Zip: EL SEGUNDO, CA 902450704
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: R01
Tons: 1.2510
Facility County: Los Angeles

Year: 1998
Gepaid: CAD983608266
Contact: STEPHEN R MAY
Telephone: 0000000000
Mailing Name: Not reported

MAJESTIC PONTIAC AND HONDA (Continued) **1000596843**

Mailing Address:	PO BOX 704
Mailing City,St,Zip:	EL SEGUNDO, CA 902450704
Gen County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture
Disposal Method:	H01
Tons:	.0166
Facility County:	Los Angeles

Year:	1997
Gepaid:	CAD983608266
Contact:	STEPHEN R MAY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 704
Mailing City,St,Zip:	EL SEGUNDO, CA 902450704
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Oil/water separation sludge
Disposal Method:	R01
Tons:	3.7530
Facility County:	Los Angeles

Year:	1997
Gepaid:	CAD983608266
Contact:	STEPHEN R MAY
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 704
Mailing City,St,Zip:	EL SEGUNDO, CA 902450704
Gen County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Waste Category:	Unspecified solvent mixture
Disposal Method:	H01
Tons:	.0498
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

G49 **MERCURY O'CONNOR** **HIST CORTESE** **S101642788**
South **3737 CRENSHAW** **LUST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016** **SLIC**
0.189 mi. **HAZNET**
997 ft. **Site 3 of 6 in cluster G**

Relative:
Lower

Actual:
112 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	SLIC435

LUST REG 4:

Region:	4

MERCURY O'CONNOR (Continued) **S101642788**

Regional Board:	04	
County:	Los Angeles	
Facility Id:	SLIC435	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603705560	
W Global ID:	Not reported	
Staff:	SLC	
Local Agency:	19050	
Cross Street:	COLISEUM ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	1/13/1988	
Date Leak First Reported:		1/13/1988
Date Leak Record Entered:	5/11/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/16/1997
Date the Case was Closed:		7/17/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	Tank	
Operator:	J.F. O'CONNOR OLD#900160061	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		4539.090502281512938881435482 1
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		1/13/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SOIL PACIFIC INC	
RP Address:	675 ECKHOFF N, SUITE "A" ORANGE CA 92668	
Program:	SLIC	
Lat/Long:	34.0187803 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	ADDITIOANL SI IN PROGRESS.	REPLACED

MERCURY O'CONNOR (Continued) **S101642788**

VALID CASENO WITH FILE NO 95-056 REPLACED 95-056
CASE # WITH SLIC 435

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/01/1998
Global Id:	SL204421578
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.019861
Longitude:	-118.334396
Case Type:	Cleanup Program Site
Case Worker:	SLC
Local Agency:	Not reported
RB Case Number:	0435
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/17/1996
Global Id:	T0603705560
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.019335
Longitude:	-118.335761
Case Type:	Cleanup Program Site
Case Worker:	SLC
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	SLIC435
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

Year:	2010
Gepaid:	CAL000104636
Contact:	ANGELA BANKS/ENVIRON PROJ MGR
Telephone:	2154309645
Mailing Name:	Not reported
Mailing Address:	3111 W ALLEGHENY AVE
Mailing City,St,Zip:	PHILADELPHIA, PA 191321116
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

MERCURY O'CONNOR (Continued) **S101642788**

Tons: 0.336
Facility County: Los Angeles

Year: 2010
Gepaid: CAL000104636
Contact: ANGELA BANKS/ENVIRON PROJ MGR
Telephone: 2154309645
Mailing Name: Not reported
Mailing Address: 3111 W ALLEGHENY AVE
Mailing City,St,Zip: PHILADELPHIA, PA 191321116
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.6954
Facility County: Los Angeles

Year: 2010
Gepaid: CAL000104636
Contact: ANGELA BANKS/ENVIRON PROJ MGR
Telephone: 2154309645
Mailing Name: Not reported
Mailing Address: 3111 W ALLEGHENY AVE
Mailing City,St,Zip: PHILADELPHIA, PA 191321116
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 0.399
Facility County: Los Angeles

Year: 2010
Gepaid: CAL000104636
Contact: ANGELA BANKS/ENVIRON PROJ MGR
Telephone: 2154309645
Mailing Name: Not reported
Mailing Address: 3111 W ALLEGHENY AVE
Mailing City,St,Zip: PHILADELPHIA, PA 191321116
Gen County: Not reported
TSD EPA ID: AZR000003681
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.9044
Facility County: Los Angeles

Year: 2010
Gepaid: CAL000104636
Contact: ANGELA BANKS/ENVIRON PROJ MGR
Telephone: 2154309645
Mailing Name: Not reported
Mailing Address: 3111 W ALLEGHENY AVE
Mailing City,St,Zip: PHILADELPHIA, PA 191321116

MERCURY O'CONNOR (Continued) **S101642788**

Gen County: Not reported
TSD EPA ID: OHD083377010
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: NEUTRALIZATION ONLY
Tons: 0.0025
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
26 additional CA_HAZNET: record(s) in the EDR Site Report.

G50 **OCONNOR LINCOLN MERCURY** **RCRA-SQG** **1000317681**
South **3737 CRENSHAW BLVD** **FINDS** **CAD028568368**
1/8-1/4 **LOS ANGELES, CA 90016** **CA FID UST**
0.189 mi. **HIST UST**
997 ft. **Site 4 of 6 in cluster G** **SWEEPS UST**

Relative:
Lower

Actual:
112 ft.

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: OCONNOR LINCOLN MERCURY
Facility address: 3737 CRENSHAW BLVD
LOS ANGELES, CA 90016
EPA ID: CAD028568368
Mailing address: CRENSHAW BLVD
LOS ANGELES, CA 90016
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: J F OCONNOR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002640660

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:
Facility ID: 19001656
Regulated By: UTNKI
Regulated ID: 00050753
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132936101
Mail To: Not reported
Mailing Address: 3737 CRENSHAW BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900160000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HIST UST:
Region: STATE

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Facility ID: 00000066506
Facility Type: Other
Other Type: NEW CAR DEALER
Total Tanks: 0003
Contact Name: W.D. DODDS
Telephone: 2132936101
Owner Name: J.F. O'CONNOR & SON, INC.
Owner Address: 3737 CRENSHAW BOULEVARD
Owner City,St,Zip: LOS ANGELES, CA 90016

Tank Num: 001
Container Num: NORTH-1
Year Installed: Not reported
Tank Capacity: 00000400
Tank Used for: PRODUCT
Type of Fuel: 6N
Tank Construction: Unkown centimeters
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: NORTH-2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: WASTE
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: SOUTH
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:
Status: Not reported

OCONNOR LINCOLN MERCURY (Continued) **1000317681**

Comp Number:	2790
Number:	Not reported
Board Of Equalization:	44-012532
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002790-000001
Actv Date:	Not reported
Capacity:	4000
Tank Use:	CHEMICAL
Stg:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	2

Status:	Not reported
Comp Number:	2790
Number:	Not reported
Board Of Equalization:	44-012532
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-002790-000002
Actv Date:	Not reported
Capacity:	6000
Tank Use:	M.V. FUEL
Stg:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

G51 **MERCURY O'CONNNOR** **SLIC** **S104404783**
South **3737 CRENSHAW** **N/A**
1/8-1/4 **LOS ANGELES, CA 90008**
0.191 mi.
1007 ft. **Site 5 of 6 in cluster G**

Relative:
Lower

Actual:
112 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0435
Substance:	TPH
Staff:	Not reported

G52 **LULA WASHINGTON DANCE THEATRE** **US BROWNFIELDS** **1008410381**
South **3773 S. CRENSHAW BOULEVARD** **N/A**
1/8-1/4 **LOS ANGELES, CA 90016**
0.207 mi.
1094 ft. **Site 6 of 6 in cluster G**

Relative:
Lower

Actual:
112 ft.

US BROWNFIELDS:

Recipient name:	Lula Washington Contemporary Dance Foundation
Grant type:	Cleanup
Property name:	Lula Washington Dance Theatre

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Property #:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM label:	Address Matching-House Number
Map scale:	1:24,000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	15201
Start date:	10-MAY-04
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	100000
Cleanup funding source:	Other Federal Funding
Assessment funding:	Not reported
Assessment funding source:	Not reported
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	Not reported
Cleanup funding entity:	EPA LUST Funding via SWRCB
Grant type:	N/A
Accomplishment type:	Not reported
Ownership entity:	Private
Current owner:	Lula Washington Dance Theatre
Did owner change:	N
Cleanup required:	Yes
Video available:	Yes
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Unknown
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

Recipient name:	Lula Washington Contemporary Dance Foundation
Grant type:	Cleanup
Property name:	Lula Washington Dance Theatre
Property #:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM label:	Address Matching-House Number
Map scale:	1:24,000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	15201
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	Not reported
Assessment funding source:	Not reported
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	10-MAY-04
Assessment funding entity:	Not reported
Cleanup funding entity:	Not reported
Grant type:	N/A
Accomplishment type:	Not reported
Ownership entity:	Private

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Current owner:	Lula Washington Dance Theatre
Did owner change:	N
Cleanup required:	Yes
Video available:	Yes
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Unknown
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Recipient name:	Lula Washington Contemporary Dance Foundation
Grant type:	Cleanup
Property name:	Lula Washington Dance Theatre
Property #:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM label:	Address Matching-House Number
Map scale:	1:24,000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	15201
Start date:	10-MAY-04
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	200000
Cleanup funding source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment funding:	Not reported
Assessment funding source:	Not reported
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	Not reported
Cleanup funding entity:	EPA
Grant type:	N/A
Accomplishment type:	Not reported
Ownership entity:	Private
Current owner:	Lula Washington Dance Theatre
Did owner change:	N
Cleanup required:	Yes
Video available:	Yes
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Unknown
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

Recipient name:	Lula Washington Contemporary Dance Foundation
Grant type:	Cleanup
Property name:	Lula Washington Dance Theatre
Property #:	5045-018-035, 036, 043
Parcel size:	.54
Latitude:	34.0184
Longitude:	-118.33514
HCM label:	Address Matching-House Number
Map scale:	1:24,000
Point of reference:	Entrance Point of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	15201
Start date:	10-MAY-04
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	100000
Cleanup funding source:	Private/Other Funding
Assessment funding:	Not reported
Assessment funding source:	Not reported
Redevelopment funding:	Not reported
Redev. funding source:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	Not reported
Cleanup funding entity:	EPA LUST Funding
Grant type:	N/A
Accomplishment type:	Not reported
Ownership entity:	Private
Current owner:	Lula Washington Dance Theatre
Did owner change:	N
Cleanup required:	Yes
Video available:	Yes
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Unknown
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Y
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported

LULA WASHINGTON DANCE THEATRE (Continued) **1008410381**

Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.54
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.54
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

Property Highlights: The property was formerly an ambulance dispatch center that included an automotive repair shop, a hoist powered by hydraulic lifts, and an outdoor gas pump. Underground storage tanks on the property were removed by the previous property owner. Afteer gasoline contaminated the soil, the fire department ordered that the soil be cleaned, but the previous property owner did not clean up the soil. (PPF - Lula Washington Dance Theatre, 2/1/05 attached to QR 2-5, 1/1/04-3/31/04) The ambulance dispaatch center also included aboveground diesel fuel tanks, underground gasoline storage tanks, and a hydraulic truck lift in the rear of the building. The property will be cleaned up to make way for a dance school with 100 to 200 students. (PPF - Lulla Washington Dance Theatre, 3/17/04)

Property Description: Formerly Smith & Sons Ambulance dispatch company (PPF- Lula Washington Dance Theatre, 10/3/08).

F53 **MONARCH CLEANERS DYERS** **EDR Historical Cleaners** **1009192319**
North **3417 CRENSHAW BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.216 mi.
1139 ft. **Site 3 of 3 in cluster F**

Relative:
Lower

EDR Historical Cleaners:

Name:	MONARCH CLEANERS DYERS
Year:	1937
Type:	CLOTHES PRESSERS AND CLEANERS

Actual:
112 ft.

H54 **LOS ANGELES GAS AND ELECTRIC CO-36TH STREET GAS WORKS** **Manufactured Gas Plants** **1008407701**
ENE **W. 36TH STREET** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.216 mi.
1141 ft. **Site 1 of 6 in cluster H**

Relative:
Higher

Manufactured Gas Plants:
No additional information available

Actual:
118 ft.

I55 **HASSEL NELS** **EDR Historical Auto Stations** **1009080064**
NNE **3503 W JEFFERSON BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.235 mi.
1242 ft. **Site 1 of 3 in cluster I**

Relative:
Higher

Actual:
113 ft.

EDR Historical Auto Stations:

Name:	HASSEL NELS
Year:	1933
Type:	AUTOMOBILE REPAIRING
Name:	HASSEL HANS
Year:	1937
Type:	AUTOMOBILE REPAIRING
Name:	HASSEL NELS
Year:	1942
Type:	AUTOMOBILE REPAIRING

I56 **MILLER RAY** **EDR Historical Auto Stations** **1009079045**
NNE **3501 W JEFFERSON BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.236 mi.
1248 ft. **Site 2 of 3 in cluster I**

Relative:
Higher

Actual:
113 ft.

EDR Historical Auto Stations:

Name:	SPANGLER W L
Year:	1929
Type:	GASOLINE AND OIL SERVICE STATION
Name:	SPANGLER W L
Year:	1933
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	SPANLER W L
Year:	1937
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MILLER RAY
Year:	1942
Type:	GASOLINE AND OIL SERVICE STATIONS

I57 **MELS AUTO BODY** **RCRA-SQG** **1000373812**
NNE **3423 W JEFFERSON BLVD** **FINDS** **CAD981695570**
1/8-1/4 **LOS ANGELES, CA 90018** **HAZNET**
0.247 mi.
1302 ft. **Site 3 of 3 in cluster I**

Relative:
Higher

Actual:
114 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	MELS AUTO BODY
Facility address:	3423 W JEFFERSON BLVD LOS ANGELES, CA 90018
EPA ID:	CAD981695570
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3423 W JEFFERSON BLVD LOS ANGELES, CA 90018
Contact country:	US

MELS AUTO BODY (Continued) **1000373812**

Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MELVIN Y SHIOTA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/12/1987
Facility name: MELS AUTO BODY
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

MELS AUTO BODY (Continued) **1000373812**

Registry ID: 110002755885

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Year:	2000
Gepaid:	CAD981695570
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3423 W JEFFERSON BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900180000
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Paint sludge
Disposal Method:	R01
Tons:	.4587
Facility County:	Los Angeles

H58 **SOUTHERN CALIFORNIA GAS CO.** **UST** **U003781428**
ENE **3124 W 36TH ST** **SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018** **ENVIROSTOR**
0.249 mi.
1317 ft. **Site 2 of 6 in cluster H**

Relative:
Higher

Actual:
119 ft.

UST:

Facility ID:	7911
Latitude:	34.023
Longitude:	-118.32982

SWEEPS UST:

Status:	A
Comp Number:	779
Number:	1
Board Of Equalization:	44-011410
Ref Date:	03-04-93
Act Date:	03-15-94
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-050-000779-000001
Actv Date:	04-20-88
Capacity:	12000
Tank Use:	M.V. FUEL

SOUTHERN CALIFORNIA GAS CO. (Continued) **U003781428**

Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 779
Number: 1
Board Of Equalization: 44-011410
Ref Date: 03-04-93
Act Date: 03-15-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-000779-000002
Actv Date: 04-20-88
Capacity: Not reported
Tank Use: CHEMICAL
Stg: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: A
Comp Number: 779
Number: 1
Board Of Equalization: 44-011410
Ref Date: 03-04-93
Act Date: 03-15-94
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-050-000779-000003
Actv Date: 04-20-88
Capacity: 550
Tank Use: CHEMICAL
Stg: P
Content: UNKNOWN
Number Of Tanks: Not reported

ENVIROSTOR:
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Shelia Lowe
Division Branch: Cleanup Cypress
Facility ID: 80001142
Site Code: Not reported
Assembly: 46
Senate: 22
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED

SOUTHERN CALIFORNIA GAS CO. (Continued) **U003781428**

Funding: DERA
Latitude: 34.05555
Longitude: -118.2291
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799FA47100
Alias Type: Federal Facility ID
Alias Name: J09CA7445
Alias Type: INPR
Alias Name: 80001142
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 05/26/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

H59 **SO CAL GAS COMPANY** **CA FID UST** **S101585202**
ENE **3124 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.249 mi.
1317 ft. **Site 3 of 6 in cluster H**

Relative:
Higher

Actual:
119 ft.

CA FID UST:
Facility ID: 19020949
Regulated By: UTNKA
Regulated ID: 00007475
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132608111
Mail To: Not reported
Mailing Address: P O BOX 3249 TERMINA
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900180000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H60 **36TH ST.** **HIST UST** **U001560761**
ENE **3124 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.249 mi.
1317 ft. **Site 4 of 6 in cluster H**

Relative:
Higher

Actual:
119 ft.

HIST UST:

Region:	STATE
Facility ID:	00000007475
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Total Tanks:	0003
Contact Name:	LOREN GREEN
Telephone:	2136893160
Owner Name:	SOUTHERN CALIF. GAS COMPANY
Owner Address:	BOX 3249 TERMINAL ANNEX
Owner City,St,Zip:	LOS ANGELES, CA 90051
Tank Num:	001
Container Num:	DMEU200
Year Installed:	1983
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	1
Tank Construction:	.25 inches
Leak Detection:	None
Tank Num:	002
Container Num:	DMEU201
Year Installed:	1984
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	0
Tank Construction:	6 inches
Leak Detection:	None
Tank Num:	003
Container Num:	DMEU204
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	4
Tank Construction:	.25 inches
Leak Detection:	None

H61 **S CALIFORNIA GAS CO** **RCRA-SQG** **1000880945**
ENE **3124 W 36TH ST** **FINDS** **CAD981422074**
1/8-1/4 **LOS ANGELES, CA 90051**
0.249 mi.
1317 ft. **Site 5 of 6 in cluster H**

Relative:
Higher

Actual:
119 ft.

RCRA-SQG:

Date form received by agency:	08/05/1993
Facility name:	S CALIFORNIA GAS CO
Facility address:	3124 W 36TH ST LOS ANGELES, CA 900511249
EPA ID:	CAD981422074
Mailing address:	PO BOX 3249 ML 27B1 LOS ANGELES, CA 900511249
Contact:	WILLIAM HULEIS

S CALIFORNIA GAS CO (Continued) **1000880945**

Contact address: PO BOX 3249 ML 27B1
LOS ANGELES, CA 900511249
Contact country: US
Contact telephone: (213) 244-5818
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: S CALIFORNIA GAS CO
Owner/operator address: BOX 3249 ML 27B1
LOS ANGELES, CA 90051
Owner/operator country: Not reported
Owner/operator telephone: (213) 244-5818
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/13/1990
Facility name: S CALIFORNIA GAS CO
Site name: SOUTHERN CALIFORNIA GAS CO.-CRENSHAW
Classification: Large Quantity Generator

S CALIFORNIA GAS CO (Continued) **1000880945**

Violation Status: No violations found

FINDS:

Registry ID: 110002700435

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

H62 **36TH ST** **HIST UST** **U001560760**
ENE **3124 W 36TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90018**
0.249 mi.
1317 ft. **Site 6 of 6 in cluster H**

Relative:
Higher

Actual:
119 ft.

HIST UST:

Region:	STATE
Facility ID:	00000007476
Facility Type:	Other
Other Type:	PUBLIC UTILITY
Total Tanks:	0001
Contact Name:	LOREN GREEN
Telephone:	2136893160
Owner Name:	SOUTHERN CALIF. GAS COMPANY
Owner Address:	BOX 3249 TERMINAL ANNEX
Owner City,St,Zip:	LOS ANGELES, CA 90051
Tank Num:	001
Container Num:	DMEU202
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	5
Tank Construction:	.25 inches
Leak Detection:	None

63
South
1/4-1/2
0.258 mi.
1362 ft.

LULA WASHINGTON DANCE STUDIO
3773 CRENSHAW BLVD
LOS ANGELES, CA 90016

LUST **S101585042**
CA FID UST **N/A**
SWEEPS UST

Relative:
Higher

Actual:
113 ft.

LUST:

Region:	STATE
Global Id:	T10000001120
Latitude:	34.0179793236204
Longitude:	-118.335700929165
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/21/2011
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	Not reported
LOC Case Number:	12625
File Location:	Not reported
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T10000001120
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

LUST:

Global Id:	T10000001120
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T10000001120
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Global Id:	T10000001120
Action Type:	ENFORCEMENT
Date:	11/21/2011
Action:	Closure/No Further Action Letter

CA FID UST:

Facility ID:	19018640
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported

LULA WASHINGTON DANCE STUDIO (Continued) **S101585042**

Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	3773 CRENSHAW BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900080000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	4272
Number:	1
Board Of Equalization:	Not reported
Ref Date:	08-30-93
Act Date:	04-26-94
Created Date:	02-29-88
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

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64 **PEERLESS SUEDE & LEATHER** **RCRA-SQG** **1000364198**
NE **3115 W JEFFERSON AVE** **FINDS** **CAD981974736**
1/4-1/2 **LOS ANGELES, CA 90018** **LUST**
0.352 mi. **HAZNET**
1860 ft.

Relative:
Higher

Actual:
120 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	PEERLESS SUEDE & LEATHER
Facility address:	3115 W JEFFERSON AVE LOS ANGELES, CA 90018
EPA ID:	CAD981974736
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

PEERLESS SUEDE & LEATHER (Continued) **1000364198**

Owner/Operator Summary:
Owner/operator name: ALBERT MARINUCCI
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 05/04/1987
Facility name: PEERLESS SUEDE & LEATHER
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002761547

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PEERLESS SUEDE & LEATHER (Continued) **1000364198**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900180043	
Status:	Case Closed	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700603	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		8/23/1991
Date Leak Record Entered:	8/20/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		11/28/1997
Date the Case was Closed:		4/24/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #082891-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		7259.589420551152447961848 2422
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		9/13/1991
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PEERLESS SUEDE & LEATHER	
RP Address:	11600 DUNSTAN WAY, LOS ANGELES, 90049	
Program:	LUST	
Lat/Long:	34.0257231 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

PEERLESS SUEDE & LEATHER (Continued) **1000364198**

Assigned Name: Not reported
Summary: 05/09/97 - REC'D LOC LETTER

HAZNET:
Year: 1995
Gepaid: CAD981974736
Contact: Not reported
Telephone: 2137343177
Mailing Name: Not reported
Mailing Address: 3115 W JEFFERSON BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900183229
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Tank bottom waste
Disposal Method: R01
Tons: 2.7105
Facility County: Los Angeles

J65 **1X LOS ANGELES URBAN LEAGUE AUTO. CENTER** **HIST CORTESE** **S100927182**
South **3833 CRENSHAW BLVD.** **LUST** **N/A**
1/4-1/2 **LOS ANGLES, CA 90008** **HAZNET**
0.357 mi.
1887 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
113 ft.

CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900080052

LUST:
Region: STATE
Global Id: T0603700483
Latitude: 34.0163194
Longitude: -118.3355022
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/10/1989
Lead Agency: LOS ANGELES, CITY OF
Case Worker: EL
Local Agency: LOS ANGELES, CITY OF
RB Case Number: 900080052
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0603700483
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200

1X LOS ANGELES URBAN LEAGUE AUTO. CENTER (Continued) **S100927182**

City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603700483
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700483
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0603700483
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

HAZNET:
Year: 1997
Gepaid: CAC000835832
Contact: THE NEW L.A. AUTO.TRAIN.CORP.
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 19001 SOUTH WESTERN STORE
Mailing City,St,Zip: TORRANCE, CA 905092991
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: R01
Tons: .1251
Facility County: Los Angeles

J66 **BOYD PETERSON** **LUST** **S105051384**
South **3833 CRENSHAW BLVD** **N/A**
1/4-1/2 **CRENSHAW, CA 90008**
0.357 mi.
1887 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
113 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900080052
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil

BOYD PETERSON (Continued) **S105051384**

Abatement Method Used at the Site:		Not reported
Global ID:	T0603700483	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	COLISEUM PL	
Enforcement Type:	Not reported	
Date Leak Discovered:	7/5/1989	
Date Leak First Reported:		7/5/1989
Date Leak Record Entered:	12/10/1991	
Date Confirmation Began:	7/5/1989	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/12/1991
Date the Case was Closed:		10/10/1989
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Corrosion	
Leak Source:	UNK	
Operator:	PETERSON, WIGHT	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3643.669741511414545626365771 55
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PETERSON, BOYD INC.	
RP Address:	312 CAMINO DE LOS COLINAS, REDONDO BEACH, CA 90277	
Program:	LUST	
Lat/Long:	34.0163194 / -1	
Local Agency Staff:	PEJ	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

67
South
1/4-1/2
0.431 mi.
2278 ft.

ANGELUS FUNERAL HOME
3875 CRENSHAW BLVD
LOS ANGELES, CA 90080

HIST CORTESE
LUST

S102424017
N/A

Relative:
Higher

Actual:
113 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900800016

LUST:

Region:	STATE
Global Id:	T0603701238
Latitude:	34.0152604
Longitude:	-118.3354762
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/11/1995
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900800016
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0603701238
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701238
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

LUST:

Global Id:	T0603701238
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0603701238
Action Type:	Other

ANGELUS FUNERAL HOME (Continued) **S102424017**

Date: 01/01/1950
Action: Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900800016	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603701238	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	039TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	12/1/1991	
Date Leak First Reported:		5/21/1993
Date Leak Record Entered:	7/15/1993	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/11/1995
Date the Case was Closed:		1/11/1995
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3257.7424333655510382113463305
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	ANGELUS FUNERAL HOME	
RP Address:	3875 CRENSHAW BLVD, LOS ANGELES, CA 90008	
Program:	LUST	
Lat/Long:	34.0152604 / -1	
Local Agency Staff:	PEJ	

ANGELUS FUNERAL HOME (Continued) **S102424017**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

68
West
1/2-1
0.640 mi.
3377 ft.

Relative:
Lower

Actual:
105 ft.

LA USD DORSEY HIGH SCHOOL
3537 FARMDALE AVE
LOS ANGELES, CA 90016

RCRA-LQG **1000427666**
FINDS **CAD982037749**
SCH
NPDES
HAZNET
ENVIROSTOR

RCRA-LQG:
Date form received by agency: 01/29/2008
Facility name: LAUSD-DORSEY HIGH SCHOOL
Facility address: 3537 FARMDALE AVENUE
LOS ANGELES, CA 90016
EPA ID: CAD982037749
Mailing address: 333 S BEAUDRY AVE, 20TH FLOOR
LOS ANGELES, CA 90017
Contact: SOE AUNG
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (213) 241-3199
Contact email: SOE.AUNG@LAUSD.NET
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: LAUSD-DORSEY HIGH SCHOOL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 06/17/1988
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LA USD
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address: 333 S BEAUDRY AVE, 20TH FLOOR
LOS ANGELES, CA 90017
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 06/17/1988
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/16/1987
Facility name: LAUSD-DORSEY HIGH SCHOOL
Site name: LA USD DORSEY HIGH SCHOOL
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

FINDS:

Registry ID: 110002784531

Environmental Interest/Information System

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

SCH:

Facility ID:	60000619
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.25
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304561
Assembly:	47
Senate:	26
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	12/29/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.02284
Longitude:	-118.3477
APN:	NONE SPECIFIED
Past Use:	RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC:	31001
Confirmed COC:	31001-NO
Potential Description:	SOIL
Alias Name:	304561
Alias Type:	Project Code (Site Code)

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Alias Name: 60000619
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2007
Comments: BG information received. Scoping document pending.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/22/2007
Comments: Verbal comments issued on the PEA Scoping Document. A revised PEA Scoping Document will be submitted prior to fieldwork.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 03/27/2008
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Action Completion Report
Schedule Due Date: 06/14/2009
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 11/12/2008
Schedule Revised Date: Not reported

Facility ID: 60001319
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: IVY OSORNIO
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304631
Assembly: 47
Senate: 26
Special Program Status: Not reported
Status: Certified
Status Date: 10/19/2011
Restricted Use: NO
Funding: School District

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Latitude:	34.023
Longitude:	-118.3461
APN:	5046-013-901
Past Use:	RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC:	30004, 30024, 3002502
Confirmed COC:	30004,30024,3002502
Potential Description:	SOIL
Alias Name:	5046-013-901
Alias Type:	APN
Alias Name:	304631
Alias Type:	Project Code (Site Code)
Alias Name:	60001319
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	07/21/2010
Comments:	DTSC approved the Phase I with a Further Action PEA Required determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	08/04/2010
Comments:	DTSC conditionally approved the scoping document with comments
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/28/2010
Comments:	DTSC approved the PEA with a Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/23/2010
Comments:	DTSC approved the Removal Action Workplan for implementation
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	11/09/2010
Comments:	DTSC approved the fact sheet
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	11/17/2010
Comments:	DTSC prepared a community profile
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	11/09/2010
Comments:	DTSC approved the public notice

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/19/2011
Comments:	DTSC approved the Removal Action Completion Report worth with a No Further Action determination

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	02/09/2011
Comments:	DTSC conditionally approved the SSI TM

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/07/2011
Comments:	DTSC approved the soil gas SSI with a No Further Action determination for soil gas. RAW activities for OCPs and TPH are still required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/19/2011
Comments:	DTSC prepared a project close out cost recovery unit memorandum

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	12/23/2010
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/16/2010
Comments:	Rec'd fully executed agreement

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	10/19/2011
Comments:	DTSC certified that the response action according to the DTSC-approved RAW is complete

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

NPDES:

Npdes Number:	CAS000002

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Facility Status:	Active
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	412680
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C361636
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/08/2011
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Los Angeles Unified School District
Discharge Address:	333 S Beaudry Ave
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90017

HAZNET:

Year:	2008
Gepaid:	CAD982037749
Contact:	DEBRA LARSON SR SAFETY OFFICER
Telephone:	2137435086
Mailing Name:	Environmental Health & Safety
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Waste Category:	Asbestos containing waste
Disposal Method:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	17.6
Facility County:	Los Angeles

Year:	2008
Gepaid:	CAD982037749
Contact:	DEBRA LARSON SR SAFETY OFFICER
Telephone:	2137435086
Mailing Name:	Environmental Health & Safety
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Laboratory waste chemicals
Disposal Method:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0225
Facility County:	Los Angeles

Year:	2008
Gepaid:	CAD982037749
Contact:	DEBRA LARSON SR SAFETY OFFICER
Telephone:	2137435086
Mailing Name:	Environmental Health & Safety

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Mailing Address: 333 S Beaudry Ave 20th Fl
Mailing City,St,Zip: Los Angeles, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified aqueous solution
Disposal Method: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 6.3
Facility County: Los Angeles

Year: 2008
Gepaid: CAD982037749
Contact: DEBRA LARSON SR SAFETY OFFICER
Telephone: 2137435086
Mailing Name: Environmental Health & Safety
Mailing Address: 333 S Beaudry Ave 20th Fl
Mailing City,St,Zip: Los Angeles, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 1.25
Facility County: Los Angeles

Year: 2008
Gepaid: CAD982037749
Contact: DEBRA LARSON SR SAFETY OFFICER
Telephone: 2137435086
Mailing Name: Environmental Health & Safety
Mailing Address: 333 S Beaudry Ave 20th Fl
Mailing City,St,Zip: Los Angeles, CA 900170000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.01
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
28 additional CA_HAZNET: record(s) in the EDR Site Report.

ENVIROSTOR:
Site Type: School Cleanup
Site Type Detailed: School
Acres: 2.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 60000619
Site Code: 304561
Assembly: 47

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Senate: 26
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: 12/29/2008
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 34.02284
Longitude: -118.3477
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC: 31001
Confirmed COC: 31001-NO
Potential Description: SOIL
Alias Name: 304561
Alias Type: Project Code (Site Code)
Alias Name: 60000619
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2007
Comments: BG information received. Scoping document pending.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/22/2007
Comments: Verbal comments issued on the PEA Scoping Document. A revised PEA Scoping Document will be submitted prior to fieldwork.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 03/27/2008
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Action Completion Report
Schedule Due Date: 06/14/2009
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 11/12/2008
Schedule Revised Date: Not reported

Site Type: School Cleanup
Site Type Detailed: School
Acres: 1.5
NPL: NO
Regulatory Agencies: SMBRP

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Lead Agency:	SMBRP
Program Manager:	IVY OSORNIO
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Facility ID:	60001319
Site Code:	304631
Assembly:	47
Senate:	26
Special Program:	Not reported
Status:	Certified
Status Date:	10/19/2011
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	School District
Latitude:	34.023
Longitude:	-118.3461
APN:	5046-013-901
Past Use:	RAILROAD RIGHT OF WAY, SCHOOL - HIGH SCHOOL
Potential COC:	30004, 30024, 3002502
Confirmed COC:	30004,30024,3002502
Potential Description:	SOIL
Alias Name:	5046-013-901
Alias Type:	APN
Alias Name:	304631
Alias Type:	Project Code (Site Code)
Alias Name:	60001319
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	07/21/2010
Comments:	DTSC approved the Phase I with a Further Action PEA Required determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	08/04/2010
Comments:	DTSC conditionally approved the scoping document with comments
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/28/2010
Comments:	DTSC approved the PEA with a Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/23/2010
Comments:	DTSC approved the Removal Action Workplan for implementation
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	11/09/2010

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

Comments:	DTSC approved the fact sheet
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	11/17/2010
Comments:	DTSC prepared a community profile
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	11/09/2010
Comments:	DTSC approved the public notice
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	10/19/2011
Comments:	DTSC approved the Removal Action Completion Report worth with a No Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Tech Memo
Completed Date:	02/09/2011
Comments:	DTSC conditionally approved the SSI TM
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	04/07/2011
Comments:	DTSC approved the soil gas SSI with a No Further Action determination for soil gas. RAW activities for OCPs and TPH are still required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/19/2011
Comments:	DTSC prepared a project close out cost recovery unit memorandum
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	12/23/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/16/2010
Comments:	Rec'd fully executed agreement
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	10/19/2011
Comments:	DTSC certified that the response action according to the

LA USD DORSEY HIGH SCHOOL (Continued) **1000427666**

DTSC-approved RAW is complete

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	1003879874	KENNETH HAHN STATE RECREATION AREA	4M NE OF LA AIRPORT & S BY STO	90008	CERCLIS-NFRAP
LOS ANGELES	1006831903	LOS ANGELES CITY AVE 26 & FIGUEROA	26TH AVE & FIGUEROA	90018	FINDS
LOS ANGELES	1012055841	5320 1/2 ITHACA AVE	5320 1/2 ITHACA AVE		CDL
LOS ANGELES	2000532142	MAPLE AVE AND WASHINGTON	MAPLE AVE AND WASHINGTON	0	ERNS
LOS ANGELES	2000547452	HENERY FORD AVE AND	HENERY FORD AVE AND	0	ERNS
LOS ANGELES	2000669053	E AND WASHINGTON BLVD.	E AND WASHINGTON BLVD.		ERNS
LOS ANGELES	2008883870	BOCA AND VALLEY BLVD	BOCA AND VALLEY BLVD		ERNS
LOS ANGELES	2010931320	LOS ANGELES RIVER NEAR THE COLORAD	LOS ANGELES RIVER NEAR THE COL		ERNS
	2011974625	1075 EAST ARTESIA BLVD	1075 EAST ARTESIA BLVD		ERNS
	2011974637	DIESEL FUEL RELEASE 1075 EAST ARTE	DIESEL FUEL RELEASE 1075 EAST		ERNS
	2011976382	1035 N. RAMPART BLVD	1035 N. RAMPART BLVD		ERNS
	2011979788	AUTO SHOP 8533 ARTESIA BLVD	AUTO SHOP 8533 ARTESIA BLVD		ERNS
LOS ANGELES	8713493	HOOVER @ EXPOSITION BLVDS	HOOVER @ EXPOSITION BLVDS		ERNS
LOS ANGELES	8722622	PACIFIC CST. HWY + BULGA CYN. RD.	PACIFIC CST. HWY + BULGA CYN.		ERNS
LOS ANGELES	87464025	IN ALLEY(THOMPSON AVE TO HOOKER PL	IN ALLEY(THOMPSON AVE TO HOOKE		ERNS
LOS ANGELES	8862822	HWY 1-5/N. OF DOWNEY RD	HWY 1-5/N. OF DOWNEY RD		ERNS
LOS ANGELES	8866357	SYLMAR CONVERTER STATION 31201 SEP	SYLMAR CONVERTER STATION 31201		ERNS
LOS ANGELES	99636090	110 FREEWAY AT ROSECRANS BLVD/SOUT	110 FREEWAY AT ROSECRANS BLVD/		ERNS
LOS ANGELES	S106858402	SOFTONE CLEANERS	3939 CRENSHAW BLVD_STE A	90008	DRYCLEANERS
LOS ANGELES	S106893761	BALDWIN HILLS SHOPPING CENTER	3601-3725 S. LA BREA AV & 5110	90016	ENVIROSTOR

Site	Database(s)	EDR ID Number EPA ID Number
KENNETH HAHN STATE RECREATION AREA **4M NE OF LA AIRPORT & S BY STOCKTON ST.** **LOS ANGELES, CA 90008**	**CERC-NFRAP**	**1003879874** **CAD983673286**
LOS ANGELES CITY AVE 26 & FIGUEROA **26TH AVE & FIGUEROA** **LOS ANGELES, CA 90018**	**FINDS**	**1006831903** **110013924307**

FINDS:

Registry ID: 110013924307

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

5320 1/2 ITHACA AVE **5320 1/2 ITHACA AVE** **LOS ANGELES, CA**	**US CDL**	**1012055841** **N/A**

US CDL:

Seizure Date: 6/22/2004

MAPLE AVE AND WASHINGTON **MAPLE AVE AND WASHINGTON** **LOS ANGELES, CA 0**	**ERNS**	**2000532142** **N/A**

ERNS:

Site ID:	2000532142
Incident cause:	EQUIPMENT FAILURE
Incident desc:	POLE MOUNTED TRANSFORMER RUPTURED AND CAUSED A RELEASE
Incident type:	FIXED
Incident date:	20000614
Incident TG:	DISCOVERED
Inc location:	MAPLE AVE AND WASHINGTON BLVD.
Incident address:	MAPLE AVE AND WASHINGTON LOS ANGELES, CA 0
Distance from city:	Not reported
Lat/Long:	/
Lat/Long quad:	/
Incident date:	06/14/2000
Township/section/range:	//
WMD flag:	False
Rad flag:	False
Oil flag:	True
Potential:	Not reported
Amt material flag:	Not reported
LNG flag:	Not reported
Fire involved:	No
Fire extinguished:	Unknown
Any evacuees:	No
Number of evacs:	Not reported
Who evacuated:	Not reported
Radius of evacuation:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
MAPLE AVE AND WASHINGTON (Continued)		2000532142

Any injuries:	No
Number injured:	Not reported
Number hospitalized:	Not reported
Any fatalities:	No
Any damage:	No
Damage amount:	Not reported
Air corridor desc:	Not reported
Air corridor closed:	Not reported
Water description:	Not reported
Water closed:	No
Water closed time:	Not reported
Road closed:	No
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	No
Track closed:	No
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	NONE
Medium affected:	LAND
Additional medium:	Not reported
Body of water:	Not reported
Tributary:	Not reported
Near river:	0
Release secured:	Yes
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	ABSORBENTS APPLIED,CLEAN UP UNDERWAY
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	OES
Fed. agency notified:	Not reported
Structure name:	Not reported
Structure type:	Not reported
Struct. operator:	Not reported
Weather:	SUNNY
Air temp:	95
Wind speed:	0
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Unknown
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	M
Current direction:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
MAPLE AVE AND WASHINGTON (Continued)		2000532142

Water temp:	Not reported
Allision:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	No
Offshore:	No
Addition info:	TRANSFORMER OIL BEING TESTED FOR PCB'S
Aircraft type:	Not reported
Aircraft model:	Not reported
Aircraft ID:	Not reported
Aircraft fuel cap:	Not reported
Capacity units:	Not reported
Fuel onboard:	Not reported
Fuel units:	Not reported
Spot number:	Not reported
AC hanger:	Not reported
AC runway:	Not reported
Mile marker:	Not reported
Building ID:	Not reported
Type fixed obj:	TRANSFORMER
Power gen facility:	No
Generation capacity:	Not reported
Fuel type:	Not reported
NPDES:	Not reported
NPDES compliance:	Unknown
Pipe type:	Not reported
DOT regulated:	Unknown
Pipe above:	ABOVE
Exposed underwtr:	No
Pipe covered:	Unknown
Railroad hotline:	No
Grade crossing:	No
Location subdivision:	Not reported
Railroad milepost:	Not reported
Vehicle type:	Not reported
Crossing device:	Not reported
Device operational:	Yes
DOT crossing #:	Not reported
Brakes failed:	No
Tank description:	Not reported
Above ground tank:	ABOVE
Tank regulated:	Unknown
Tank ID:	Not reported
Tank regulated by:	Not reported
Tank capacity:	Not reported
Capacity units:	Not reported
Actual amount:	Not reported
Amount units:	Not reported
Transportable container:	Unknown
Platform rig name:	Not reported
Platform letter:	Not reported
Local area ID:	Not reported
Local block ID:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

MAPLE AVE AND WASHINGTON (Continued) 2000532142

OCSG number:	Not reported
State lease #:	Not reported
Pier dock #:	Not reported
Berth slip #:	Not reported
Initial continuous rel #:	Not reported
Cont. rel permit:	Not reported
Allision:	No
Structure type:	Not reported
Structure:	Not reported
Structure operator:	U
Air bag deployed:	Not reported
Date time normal srvc:	Not reported
Service disruption time:	Not reported
Transit bus flag:	Not reported
Begin date:	Not reported
End date:	Not reported
Change date:	Not reported
Call received date:	20000614
Complete date:	20000614
Call Taker:	JLC3759
Call Type:	INC
Responsible Party:	ROY KOBASHAIGAWA
RP telephone:	2133670412
RP tel type:	PRIMARY
Responsible company:	LOS ANGELES DEPT OF POWER
RC organization type:	STATE GOVERNMENT
PR address:	645 NORTH EUBANK WILMINGTON, CA
Initial caller:	Not reported
Initially reported comp.:	Not reported
On behalf:	No
Source:	UNAVAILABLE
Spilled material:	OIL, MISC: TRANSFORMER
Material CHRIS code:	OTF
Mat. CAS number:	000000-00-0
Material UN #:	Not reported
Amount of spilled mat.:	5
Mat. amount unit:	GALLON(S)
Mat. reached water:	NO
Amount in water:	0
Amount in water units:	Not reported

HENERY FORD AVE AND **ERNS** **2000547452**
HENERY FORD AVE AND **N/A**
LOS ANGELES, CA 0

ERNS:

Site ID:	2000547452
Incident cause:	OPERATOR ERROR
Incident desc:	A 12 INCH SEWER LINE WAS RUPTURED BY A THIRD PARTY CONTRACTOR CAUSING THE SEWAGE TO SPILL INTO AN EARTHEN DITCH.
Incident type:	PIPELINE
Incident date:	20001104
Incident TG:	DISCOVERED
Inc location:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

HENERY FORD AVE AND (Continued) 2000547452

Incident address:	HENERY FORD AVE AND LOS ANGELES, CA 0
Distance from city:	Not reported
Lat/Long:	/
Lat/Long quad:	/
Incident date:	11/04/2000
Township/section/range:	//
WMD flag:	False
Rad flag:	False
Oil flag:	Not reported
Potential:	Not reported
Amt material flag:	Not reported
LNG flag:	Not reported
Fire involved:	No
Fire extinguished:	Unknown
Any evacuees:	No
Number of evacs:	Not reported
Who evacuated:	Not reported
Radius of evacuation:	Not reported
Any injuries:	No
Number injured:	Not reported
Number hospitalized:	Not reported
Any fatalities:	No
Any damage:	No
Damage amount:	Not reported
Air corridor desc:	Not reported
Air corridor closed:	Not reported
Water description:	Not reported
Water closed:	No
Water closed time:	Not reported
Road closed:	No
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	No
Track closed:	No
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	NONE
Medium affected:	LAND
Additional medium:	SOIL
Body of water:	Not reported
Tributary:	Not reported
Near river:	0
Release secured:	Yes
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	VAC TRUCK USED,EXCAVATED SOIL
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	OES(00-5191) DEPT. OF HEALTH SERVICES
Fed. agency notified:	Not reported
Structure name:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
HENERY FORD AVE AND (Continued)		2000547452

Structure type:	Not reported
Struct. operator:	Not reported
Weather:	Not reported
Air temp:	0
Wind speed:	0
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Unknown
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	Not reported
Current direction:	Not reported
Water temp:	Not reported
Allision:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	No
Offshore:	No
Addition info:	THE CALLER STATED THAT THE ENTIRE SPILL WAS SELF CONTAINED IN THE DITCH MADE BY THE CONTRACTOR.
Aircraft type:	Not reported
Aircraft model:	Not reported
Aircraft ID:	Not reported
Aircraft fuel cap:	Not reported
Capacity units:	Not reported
Fuel onboard:	Not reported
Fuel units:	Not reported
Spot number:	Not reported
AC hanger:	Not reported
AC runway:	Not reported
Mile marker:	Not reported
Building ID:	Not reported
Type fixed obj:	Not reported
Power gen facility:	Unknown
Generation capacity:	Not reported
Fuel type:	Not reported
NPDES:	Not reported
NPDES compliance:	Unknown
Pipe type:	OTHER
DOT regulated:	No
Pipe above:	BELOW
Exposed underwtr:	No
Pipe covered:	Unknown
Railroad hotline:	Not reported
Grade crossing:	No

Site	Database(s)	EDR ID Number EPA ID Number
HENERY FORD AVE AND (Continued)		2000547452

Location subdivision: Not reported
Railroad milepost: Not reported
Vehicle type: Not reported
Crossing device: Not reported
Device operational: Yes
DOT crossing #: Not reported
Brakes failed: No
Tank description: Not reported
Above ground tank: ABOVE
Tank regulated: Unknown
Tank ID: Not reported
Tank regulated by: Not reported
Tank capacity: Not reported
Capacity units: Not reported
Actual amount: Not reported
Amount units: Not reported
Transportable container: Unknown
Platform rig name: Not reported
Platform letter: Not reported
Local area ID: Not reported
Local block ID: Not reported
OCSG number: Not reported
State lease #: Not reported
Pier dock #: Not reported
Berth slip #: Not reported
Initial continuous rel #: Not reported
Cont. rel permit: Not reported
Allision: No
Structure type: Not reported
Structure: Not reported
Structure operator: U
Air bag deployed: Not reported
Date time normal srvc: Not reported
Service disruption time: Not reported
Transit bus flag: Not reported
Begin date: Not reported
End date: Not reported
Change date: Not reported

Call received date: 20001106
Complete date: 20001106
Call Taker: REC7955
Call Type: INC
Responsible Party: ERIC STASSEVITCH
RP telephone: 3105225832
RP tel type: PRIMARY
Responsible company: PARSONS BRINCKERHOFF
RC organization type: PRIVATE ENTERPRISE
PR address: 407 HENERY FORD AVE
LOS ANGELES, CA
Initial caller: Not reported
Initially reported comp.: Not reported
On behalf: No
Source: UNAVAILABLE

Spilled material: RAW SEWAGE
Material CHRIS code: NCC

Site	Database(s)	EDR ID Number EPA ID Number
HENERY FORD AVE AND (Continued)		2000547452

Mat. CAS number: 000000-00-0
Material UN #: Not reported
Amount of spilled mat.: 37400
Mat. amount unit: GALLON(S)
Mat. reached water: NO
Amount in water: 0
Amount in water units: Not reported

E AND WASHINGTON BLVD. **ERNS** **2000669053**
E AND WASHINGTON BLVD. **N/A**
LOS ANGELES, CA

ERNS:
Site ID: 2000669053
Release source: Not reported
Site location: E AND WASHINGTON BLVD.
ABSORBEN
LOS ANGELES, CA
County: LOS ANGELES
EPA region: 09
NRC report number: 532142
EPA report number: Not reported
Spill date: 06/14/2000
Spill time: 12:30
Medium affected: Land
Discharger: LOS ANGELES DEPT OF POWER
Discharger address: 645 NORTH EUBANK
WILMINGTON, CA
Discharger county: Not reported
Discharger DUNS: Not reported
Discharger affiliation: SG
EPA notified: False
Number of injured: 0
Number of fatalities: 0
Number of evacuees: 0
Damage: False
Damage $ amount: 0.00
Initial report: True
Updated report: True
Notes: Not reported
Cause code: Not reported
Spill cause: Not reported
Type of agency: Not reported
Responding agency: Not reported
Spilled material: OIL, MISC: TRANSFORMER
Spill total qty: 5.00GAL
In water: 0.00
DOT #: Not reported
CAS: Not reported
Quantity (lbs): 37.00
Description: NTED TRANSFORMER RUPTURED AND CAUSED A RELEASE

MAPLE AV
Action: TS APPLIED,CLEAN UP UNDERWAY

TRANSFOR
Comments: MER OIL BEING TESTED FOR PCB'S

Site	Database(s)	EDR ID Number EPA ID Number
BOCA AND VALLEY BLVD **BOCA AND VALLEY BLVD** **LOS ANGELES, CA**	**ERNS**	**2008883870** **N/A**

ERNS:

Site ID:	2008883870
Incident cause:	UNKNOWN
Incident type:	STORAGE TANK
Incident date:	9/15/2008 7:16:00 PM
Incident TG:	DISCOVERED
Inc location:	RAILYARD
Incident address:	BOCA AND VALLEY BLVD LOS ANGELES, CA
Distance from city:	Not reported
Distance Unit:	Not reported
Lat/Long:	/
Lat/Long quad:	/
Incident date:	9/15/2008 7:16:00 PM
Township/section/range:	//
Fire involved:	No
Fire extinguished:	Unknown
Passengers Transferred:	NO
Any evacuees:	No
Number of evacs:	Not reported
Who evacuated:	Not reported
Radius of evacuation:	Not reported
Any injuries:	No
Number injured:	Not reported
Number hospitalized:	Not reported
Any fatalities:	No
Any damage:	No
Damage amount:	Not reported
Air corridor desc:	Not reported
Air corridor closed:	Not reported
Water description:	Not reported
Water closed:	No
Water closed time:	Not reported
Road closed:	No
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	No
Track closed:	No
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	NONE
Medium affected:	BALLAST
Additional medium:	SOIL
Body of water:	Not reported
Tributary:	Not reported
Release secured:	Unknown
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	CONTRACTOR RESPONDED AND WILL USE A MINI SUCKER TO REMEDIATE IN THE MORNING.

Site	Database(s)	EDR ID Number EPA ID Number

BOCA AND VALLEY BLVD (Continued) 2008883870

Agency on scene:	NONE
Other agency:	Not reported
State agency notified:	OES, PUC, HWY PATROL LOG #240
State report #:	08-6722
Fed. agency notified:	NONE
Weather:	CLEAR
Air temp:	67
Wind speed:	Not reported
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Unknown
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Sheen direction:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	Not reported
Current direction:	Not reported
Water temp:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	Not reported
Offshore:	No
Addition info:	CALLER HAS NO ADDITIONAL INFORMATION.
Incident description:	CALLER IS REPORTING THAT 3 METAL BARRELS ROLLED DOWN A HILL FROM AN UNKNOWN SOURCE AND INTO A RAILYARD DUE TO UNKNOWN CAUSES. 100 GALLONS OF WASTE OIL DISCHARGED FROM ONE TO THREE OF THE BARRELS.
Aircraft type:	Not reported
Aircraft model:	Not reported
Aircraft ID:	Not reported
Aircraft fuel cap:	Not reported
Capacity units:	Not reported
Fuel onboard:	Not reported
Fuel units:	Not reported
Spot number:	Not reported
AC hanger:	Not reported
AC runway:	Not reported
Mile marker:	Not reported
Building ID:	Not reported
Type fixed obj:	Not reported
Power gen facility:	Unknown
Generation capacity:	Not reported
Fuel type:	Not reported
NPDES:	Not reported
NPDES compliance:	Unknown
Pipe type:	Not reported
DOT regulated:	Unknown

Site	Database(s)	EDR ID Number EPA ID Number

BOCA AND VALLEY BLVD (Continued) 2008883870

Pipe above:	ABOVE
Exposed underwtr:	No
Pipe covered:	Unknown
Grade crossing:	Unknown
Location subdivision:	Not reported
Railroad milepost:	Not reported
Vehicle type:	Not reported
Crossing device:	Not reported
Device operational:	Yes
DOT crossing #:	Not reported
Brakes failed:	Unknown
Tank description:	METAL DRUM
Above ground tank:	ABOVE
Tank regulated:	No
Tank ID:	Not reported
Tank regulated by:	Not reported
Tank capacity:	55
Capacity units:	GALLON(S)
Actual amount:	55
Amount units:	GALLON(S)
Transportable container:	Yes
Platform rig name:	Not reported
Platform letter:	Not reported
Local area ID:	Not reported
Local block ID:	Not reported
OCSG number:	Not reported
State lease #:	Not reported
Pier dock #:	Not reported
Berth slip #:	Not reported
Initial continuous rel #:	Not reported
Cont. rel permit:	Not reported
Allision:	Unknown
Structure type:	Not reported
Structure:	Not reported
Structure operator:	U
Air bag deployed:	Unknown
Date time normal srvc:	Not reported
Service disruption time:	Not reported
Transit bus flag:	Not reported
Begin date:	Not reported
End date:	Not reported
Change date:	Not reported
Passenger Delay:	XXX
Passenger Handling:	Not reported
Passenger Route:	XXX
Railroad Hotline:	Not reported
Call received date:	9/15/2008 12:45:28 AM
Complete date:	9/15/2008 12:54:46 AM
Call Type:	INC
Responsible company:	Not reported
RC organization type:	UNKNOWN
	XX
On behalf:	No
Source:	TELEPHONE
Spilled material name:	WASTE OIL

Site	Database(s)	EDR ID Number EPA ID Number
BOCA AND VALLEY BLVD (Continued)		2008883870

Material CHRIS code: OWA
Mat. CAS number: 000000-00-0
Material UN #: Not reported
Amount of spilled mat.: 100
Mat. amount unit: GALLON(S)
Mat. reached water: NO
Amount in water: Not reported
Amount in water units: Not reported

LOS ANGELES RIVER NEAR THE COLORADO BLVD OFF RAMP FROM I-5 S **ERNS** **2010931320**
LOS ANGELES RIVER NEAR THE COLORADO BLVD OFF RAMP FROM I-5 S **N/A**
LOS ANGELES, CA

ERNS:
Site ID: 2010931320
Incident cause: UNKNOWN
Incident type: UNKNOWN SHEEN
Incident date: 02/15/10
Incident TG: Not reported
Inc location: Not reported
Incident address: LOS ANGELES RIVER NEAR THE COLORADO BLVD OFF RAMP FROM I-5 SOUTHBOUND
LOS ANGELES, CA
Distance from city: Not reported
Distance Unit: Not reported
Lat/Long: /
Lat/Long quad: /
Incident date: 02/15/10
Township/section/range: //

Fire involved: Not reported
Fire extinguished: Not reported
Passengers Transferred: Not reported
Any evacuees: Not reported
Number of evacs: Not reported
Who evacuated: Not reported
Radius of evacuation: Not reported
Any injuries: Not reported
Number injured: Not reported
Number hospitalized: Not reported
Any fatalities: Not reported
Any damage: Not reported
Damage amount: Not reported
Air corridor desc: Not reported
Air corridor closed: Not reported
Water description: Not reported
Water closed: Not reported
Water closed time: Not reported
Road closed: Not reported
Road closed desc: Not reported
Road closed time: Not reported
Closure direction: Not reported
Major artery: Not reported
Track closed: Not reported
Track closed time: Not reported
Tr. close direction: Not reported
Track description: Not reported
Media interest: Not reported

Site	Database(s)	EDR ID Number EPA ID Number
LOS ANGELES RIVER NEAR THE COLORADO BLVD OFF RAMP FROM I-5 S (Continued)		2010931320

Medium affected:	WATER
Additional medium:	Not reported
Body of water:	Not reported
Tributary:	Not reported
Release secured:	Not reported
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	Not reported
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	Not reported
State report #:	Not reported
Fed. agency notified:	Not reported
Weather:	Not reported
Air temp:	Not reported
Wind speed:	Not reported
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Not reported
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Sheen direction:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	Not reported
Current direction:	Not reported
Water temp:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	Not reported
Offshore:	Not reported
Addition info:	CALLER HAD NO ADDITIONAL INFORMATION.
Incident description:	CALLER STATED THAT WHILE ON A WALK HE SIGHTED A LARGE DARK BROWN DISCOLORED AREA IN THE LOS ANGELES RIVER. HE STATED THAT THE WATER IS STILL A LITTLE BROWN FROM RECENT RAINS, BUT THIS AREA HE SIGHTED WAS DISTINCT AND DIFFERENT. HE STATED THAT THE MA TERIAL MADE UP APPROXIMATELY A QUARTER OF THE FLOW OF THE RIVER AT THE TIME AND PLACE HE NOTICED IT.
Aircraft type:	Not reported
Aircraft model:	Not reported
Aircraft ID:	Not reported
Aircraft fuel cap:	Not reported
Capacity units:	Not reported
Fuel onboard:	Not reported
Fuel units:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number
LOS ANGELES RIVER NEAR THE COLORADO BLVD OFF RAMP FROM I-5 S (Continued)		2010931320

Spot number:	Not reported
AC hanger:	Not reported
AC runway:	Not reported
Mile marker:	Not reported
Building ID:	Not reported
Type fixed obj:	Not reported
Power gen facility:	Unknown
Generation capacity:	Not reported
Fuel type:	Not reported
NPDES:	Not reported
NPDES compliance:	Unknown
Pipe type:	Not reported
DOT regulated:	Unknown
Pipe above:	ABOVE
Exposed underwtr:	No
Pipe covered:	Unknown
Grade crossing:	Unknown
Location subdivision:	Not reported
Railroad milepost:	Not reported
Vehicle type:	Not reported
Crossing device:	Not reported
Device operational:	Unknown
DOT crossing #:	Not reported
Brakes failed:	Unknown
Tank description:	Not reported
Above ground tank:	ABOVE
Tank regulated:	Unknown
Tank ID:	Not reported
Tank regulated by:	Not reported
Tank capacity:	Not reported
Capacity units:	Not reported
Actual amount:	Not reported
Amount units:	Not reported
Transportable container:	Unknown
Platform rig name:	Not reported
Platform letter:	Not reported
Local area ID:	Not reported
Local block ID:	Not reported
OCSG number:	Not reported
State lease #:	Not reported
Pier dock #:	Not reported
Berth slip #:	Not reported
Initial continuous rel #:	Not reported
Cont. rel permit:	Not reported
Allision:	Unknown
Structure type:	Not reported
Structure:	Not reported
Structure operator:	U
Air bag deployed:	Unknown
Date time normal srvc:	Not reported
Service disruption time:	Not reported
Transit bus flag:	Not reported
Begin date:	Not reported
End date:	Not reported
Change date:	Not reported
Passenger Delay:	XXX
Passenger Handling:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

LOS ANGELES RIVER NEAR THE COLORADO BLVD OFF RAMP FROM I-5 S (Continued) 2010931320

Passenger Route: XXX
Railroad Hotline: Not reported

Call received date: 2/15/2010 3:05:51 PM
Complete date: 2/15/2010 3:18:53 PM
Call Type: INC
Responsible company: Not reported
RC organization type: UNKNOWN
XX
On behalf: No
Source: TELEPHONE

Spilled material name: UNKNOWN OIL
Material CHRIS code: OUN
Mat. CAS number: 000000-00-0
Material UN #: Not reported
Amount of spilled mat.: 0
Mat. amount unit: UNKNOWN AMOUNT
Mat. reached water: YES
Amount in water: 0
Amount in water units: UNKNOWN AMOUNT

1075 EAST ARTESIA BLVD **ERNS** **2011974625**
1075 EAST ARTESIA BLVD **N/A**
LOS ANGELES COUNTY, CA

ERNS:
Site ID: 2011974625
Incident cause: TRANSPORT ACCIDENT
Incident type: MOBILE
Incident date: 05/02/11
Incident TG: Not reported
Inc location: Not reported
Incident address: 1075 EAST ARTESIA BLVD
CA
Distance from city: Not reported
Distance Unit: Not reported
Lat/Long: /
Lat/Long quad: /
Incident date: 05/02/11
Township/section/range: //

Fire involved: Not reported
Fire extinguished: Not reported
Passengers Transferred: Not reported
Any evacuees: Not reported
Number of evacs: Not reported
Who evacuated: Not reported
Radius of evacuation: Not reported
Any injuries: Not reported
Number injured: Not reported
Number hospitalized: Not reported
Any fatalities: Not reported
Any damage: Not reported
Damage amount: Not reported
Air corridor desc: Not reported
Air corridor closed: Not reported

Site	Database(s)	EDR ID Number EPA ID Number
1075 EAST ARTESIA BLVD (Continued)		2011974625

Water description:	Not reported
Water closed:	Not reported
Water closed time:	Not reported
Road closed:	Not reported
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	Not reported
Track closed:	Not reported
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	Not reported
Medium affected:	WATER
Additional medium:	Not reported
Body of water:	Not reported
Tributary:	Not reported
Release secured:	Not reported
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	Not reported
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	Not reported
State report #:	Not reported
Fed. agency notified:	Not reported
Weather:	Not reported
Air temp:	Not reported
Wind speed:	Not reported
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Not reported
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Sheen direction:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	Not reported
Current direction:	Not reported
Water temp:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	Not reported
Offshore:	Not reported

Incident description: CALLER STATED THERE WAS A SPILL OF MATERIALS FROM A CITY VEHICEL'S

Site	Database(s)	EDR ID Number EPA ID Number

1075 EAST ARTESIA BLVD (Continued) 2011974625

FUEL TANK DUE TO A TRANSPORT ACCIDENT. THE CALLER DID NOT HAVE INFORMATION ON THE TYPE OF VEHICLE INVOLVED.

DIESEL FUEL RELEASE 1075 EAST ARTESIA BLVD **ERNS** **2011974637**
DIESEL FUEL RELEASE 1075 EAST ARTESIA BLVD **N/A**
LOS ANGELES COUNTY, CA

ERNS:

Site ID:	2011974637
Incident cause:	TRANSPORT ACCIDENT
Incident type:	MOBILE
Incident date:	05/02/11
Incident TG:	Not reported
Inc location:	Not reported
Incident address:	DIESEL FUEL RELEASE 1075 EAST ARTESIA BLVD CA
Distance from city:	Not reported
Distance Unit:	Not reported
Lat/Long:	/
Lat/Long quad:	/
Incident date:	05/02/11
Township/section/range:	//
Fire involved:	Not reported
Fire extinguished:	Not reported
Passengers Transferred:	Not reported
Any evacuees:	Not reported
Number of evacs:	Not reported
Who evacuated:	Not reported
Radius of evacuation:	Not reported
Any injuries:	Not reported
Number injured:	Not reported
Number hospitalized:	Not reported
Any fatalities:	Not reported
Any damage:	Not reported
Damage amount:	Not reported
Air corridor desc:	Not reported
Air corridor closed:	Not reported
Water description:	Not reported
Water closed:	Not reported
Water closed time:	Not reported
Road closed:	Not reported
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	Not reported
Track closed:	Not reported
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	Not reported
Medium affected:	WATER
Additional medium:	Not reported
Body of water:	Not reported
Tributary:	Not reported
Release secured:	Not reported
Est. duration of rel.:	Not reported
Release rate:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

DIESEL FUEL RELEASE 1075 EAST ARTESIA BLVD (Continued) 2011974637

Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	Not reported
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	Not reported
State report #:	Not reported
Fed. agency notified:	Not reported
Weather:	Not reported
Air temp:	Not reported
Wind speed:	Not reported
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Not reported
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Sheen direction:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	Not reported
Current direction:	Not reported
Water temp:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	Not reported
Offshore:	Not reported

Incident description: TRACTOR TRAILER INVOLVED IN A MULTI-VEHICLE ACCIDENT RESULTING IN THE RELEASE OF 15-30 GALLONS OF DIESEL FUEL ONTO THE ROADWAY AND IMPACTING A NEARBY STORM DRAIN.

1035 N. RAMPART BLVD **ERNS** **2011976382**
1035 N. RAMPART BLVD **N/A**
LOS ANGELES COUNTY, CA

ERNS:

Site ID:	2011976382
Incident cause:	OTHER
Incident type:	FIXED
Incident date:	05/15/11
Incident TG:	Not reported
Inc location:	Not reported
Incident address:	1035 N. RAMPART BLVD CA
Distance from city:	Not reported
Distance Unit:	Not reported
Lat/Long:	/
Lat/Long quad:	/
Incident date:	05/15/11

Site	Database(s)	EDR ID Number EPA ID Number
1035 N. RAMPART BLVD (Continued)		2011976382

Township/section/range: //

Fire involved:	Not reported
Fire extinguished:	Not reported
Passengers Transferred:	Not reported
Any evacuees:	Not reported
Number of evacs:	Not reported
Who evacuated:	Not reported
Radius of evacuation:	Not reported
Any injuries:	Not reported
Number injured:	Not reported
Number hospitalized:	Not reported
Any fatalities:	Not reported
Any damage:	Not reported
Damage amount:	Not reported
Air corridor desc:	Not reported
Air corridor closed:	Not reported
Water description:	Not reported
Water closed:	Not reported
Water closed time:	Not reported
Road closed:	Not reported
Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	Not reported
Track closed:	Not reported
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	Not reported
Medium affected:	WATER
Additional medium:	Not reported
Body of water:	Not reported
Tributary:	Not reported
Release secured:	Not reported
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	Not reported
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	Not reported
State report #:	Not reported
Fed. agency notified:	Not reported
Weather:	Not reported
Air temp:	Not reported
Wind speed:	Not reported
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Not reported
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

1035 N. RAMPART BLVD (Continued) 2011976382

Sheen width: Not reported
Sheen wid. units: Not reported
Sheen direction: Not reported
Wave condit: Not reported
Current speed: Not reported
Current speed units: Not reported
Current direction: Not reported
Water temp: Not reported
Employees injured: Not reported
Employee fatalities: Not reported
Passengers injured: Not reported
Passenger fatalities: Not reported
Occupant fatalities: Not reported
Community impact: Not reported
Offshore: Not reported

Incident description: THE CALLER REPORTED THAT GREASE BLOCKAGE IN A LINE CAUSED AN OVERFLOW OF SEWAGE FROM A MANHOLE.

AUTO SHOP 8533 ARTESIA BLVD **ERNS** **2011979788**
AUTO SHOP 8533 ARTESIA BLVD **N/A**
LOS ANGELES COUNTY, CA

ERNS:
Site ID: 2011979788
Incident cause: OTHER
Incident type: FIXED
Incident date: 06/07/11
Incident TG: Not reported
Inc location: Not reported
Incident address: AUTO SHOP 8533 ARTESIA BLVD
CA
Distance from city: Not reported
Distance Unit: Not reported
Lat/Long: /
Lat/Long quad: /
Incident date: 06/07/11
Township/section/range: //

Fire involved: Not reported
Fire extinguished: Not reported
Passengers Transferred: Not reported
Any evacuees: Not reported
Number of evacs: Not reported
Who evacuated: Not reported
Radius of evacuation: Not reported
Any injuries: Not reported
Number injured: Not reported
Number hospitalized: Not reported
Any fatalities: Not reported
Any damage: Not reported
Damage amount: Not reported
Air corridor desc: Not reported
Air corridor closed: Not reported
Water description: Not reported
Water closed: Not reported
Water closed time: Not reported
Road closed: Not reported

Site	Database(s)	EDR ID Number EPA ID Number

AUTO SHOP 8533 ARTESIA BLVD (Continued) 2011979788

Road closed desc:	Not reported
Road closed time:	Not reported
Closure direction:	Not reported
Major artery:	Not reported
Track closed:	Not reported
Track closed time:	Not reported
Tr. close direction:	Not reported
Track description:	Not reported
Media interest:	Not reported
Medium affected:	OTHER
Additional medium:	Not reported
Body of water:	Not reported
Tributary:	Not reported
Release secured:	Not reported
Est. duration of rel.:	Not reported
Release rate:	Not reported
Rel. rate units:	Not reported
Rel. per units:	Not reported
Remedial action:	Not reported
Agency on scene:	Not reported
Other agency:	Not reported
State agency notified:	Not reported
State report #:	Not reported
Fed. agency notified:	Not reported
Weather:	Not reported
Air temp:	Not reported
Wind speed:	Not reported
Wind speed unit:	Not reported
Wind direction:	Not reported
Water contaminated:	Not reported
Sheen size:	Not reported
Sheen size units:	Not reported
Sheen color:	Not reported
Sheen odor:	Not reported
Sheen length:	Not reported
Sheen len. units:	Not reported
Sheen width:	Not reported
Sheen wid. units:	Not reported
Sheen direction:	Not reported
Wave condit:	Not reported
Current speed:	Not reported
Current speed units:	Not reported
Current direction:	Not reported
Water temp:	Not reported
Employees injured:	Not reported
Employee fatalities:	Not reported
Passengers injured:	Not reported
Passenger fatalities:	Not reported
Occupant fatalities:	Not reported
Community impact:	Not reported
Offshore:	Not reported

Incident description: THE SHOP IS ACCEPTING USED OIL MIXED WITH CHEMICALS AND ADDING IT TO THE WASTE OIL CONTAINER.

Site	Database(s)	EDR ID Number EPA ID Number
HOOVER @ EXPOSITION BLVDS **HOOVER @ EXPOSITION BLVDS** **LOS ANGELES, CA**	**ERNS**	**8713493** **N/A**

ERNS:

Site ID:	8713493
Site location:	HOOVER @ EXPOSITION BLVDS LOS ANGELES, CA
County:	LOS ANGELES
Report number:	Not reported
EPA region:	09
Spill date:	03/22/1987
Spill time:	12:05
Medium affected:	Land
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	Not reported
Discharger:	UNKNOWN
Discharger address:	Not reported Not reported
Discharger county:	Not reported
C.G. Unit:	Not reported
EPA notified:	True
Initial report:	True
Updated report:	True
Spill cause:	Transport Related
Spilled material:	TRIFLIURODA TP (SIC)
Spill total qty:	0.00
In water:	0.00
DOT #:	Not reported
CAS:	Not reported
Quantity (lbs):	0.00
Description:	SPILLED IN ROADWAY(SMALL QUANTITY) UNK SOURCE.
Action:	LOCAL FD = C/UP.
Comments:	MS WHITTMAN (213)620-4700/CAL-PD (213)485-2681 LA PD

Site	Database(s)	EDR ID Number EPA ID Number
PACIFIC CST. HWY + BULGA CYN. RD. **PACIFIC CST. HWY + BULGA CYN. RD.** **LOS ANGELES, CA**	**ERNS**	**8722622** **N/A**

ERNS:

Site ID:	8722622
Site location:	PACIFIC CST. HWY + BULGA CYN. RD. LOS ANGELES, CA
County:	LOS ANGELES
Report number:	Not reported
EPA region:	09
Spill date:	11/06/1987
Spill time:	07:35
Medium affected:	Land, Water
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	STORM DRAIN:PACIFIC OCEAN
Discharger:	L.A. PUBLIC WKS.-SANITAT'N
Discharger address:	2335 DORIS PL.

Site	Database(s)	EDR ID Number EPA ID Number

PACIFIC CST. HWY + BULGA CYN. RD. (Continued) 8722622

LOS ANGELES, CA 90031
Discharger county: LOS ANGELES
C.G. Unit: Not reported
EPA notified: True
Initial report: True
Updated report: True
Spill cause: Equipment Failure
Spilled material: UNTREATED SEWAGE
Spill total qty: 1500.00 GAL
In water: 0.00
DOT #: Not reported
CAS: Not reported
Quantity (lbs): 12510.00
Description: PUMP FAILURE/FLO TO LAND + WATER. PUMP FAILURE/FLO TO LAND + WATER.
Action: RP=CU/VACUUMING + CHLORINATING=LAND/CU=NOT REQ=OCEAN
Comments: Not reported

IN ALLEY(THOMPSON AVE TO HOOKER PL)REAR **ERNS** **87464025**
IN ALLEY(THOMPSON AVE TO HOOKER PL)REAR **N/A**
LOS ANGELES, CA

ERNS:
Site ID: 87464025
Site location: IN ALLEY(THOMPSON AVE TO HOOKER PL)REAR
LOS ANGELES, CA
County: LOS ANGELES
Report number: 9858
EPA region: 09
Spill date: 08/04/1987
Spill time: 16:00
Medium affected: Land
Damage: False
Damage $ amount: 0.00
Number of injured: 0
Number of fatalities: 0
Notes: SAN. SEWERS
Discharger: SUSPECTED:CONTL. UNIFORM RTL.
Discharger address: 1441 E. ADAMS BLVD
LOS ANGELES, CA 90011
Discharger county: LOS ANGELES
C.G. Unit: Not reported
EPA notified: True
Initial report: False
Updated report: True
Spill cause: Transport Related
Spilled material: MISC CHEM/SOLVENTS
Spill total qty: 0.00 UNK
In water: 0.00 UNK
DOT #: Not reported
CAS: 53897628
Quantity (lbs): 0.00
Description: RP DEPOSITS TO LAND+DUMPSTERS/COVERS W/SOIL+THEN HAULS/ALSO DUMPS TO SEWERS RP DEPOSITS TO LAND+DUMPSTERS/COVERS W/SOIL+THEN HAULS/ALSO DUMPS TO SEWERS.
Action: TO:LACODOH FOR INVESTIGATION (BONNIE SHEAR). (213)744-3233.
Comments: RP-CONTACT:LEON SCHMIDT BJARNE/CONFIDENTIAL. PUB-REPORTER:VINCENT HILL,1502 E. 25TH ST, LA, 90011, (213)234-8715.

Site	Database(s)	EDR ID Number EPA ID Number
HWY 1-5/N. OF DOWNEY RD **HWY 1-5/N. OF DOWNEY RD** **LOS ANGELES, CA**	**ERNS**	**8862822** **N/A**

ERNS:

Site ID:	8862822
Site location:	HWY 1-5/N. OF DOWNEY RD LOS ANGELES, CA
County:	LOS ANGELES
Report number:	Not reported
EPA region:	09
Spill date:	05/16/1988
Spill time:	00:00
Medium affected:	Land, Water
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	STORM DRAIN
Discharger:	ALLEN RITCHIE
Discharger address:	PO BOX 247 VALLEY VIEW, TX 76272
Discharger county:	COOKE
C.G. Unit:	Not reported
EPA notified:	True
Initial report:	True
Updated report:	True
Spill cause:	Equipment Failure
Spilled material:	DIESEL
Spill total qty:	80.00 GAL
In water:	0.00
DOT #:	UN1270
CAS:	Not reported
Quantity (lbs):	560.00
Description:	TRUCK FUEL TANK RUPTURED / FLO TO LAND + 50 GAL TO STORM DRAIN TRUCK FUEL TANK RUPTURED / FLO TO LAND + 50 GAL TO STORM DRAIN
Action:	CALTRANS = C/U / "UNITED PUMPING SERVICE" = CONTRACTOR / CHP = O/S
Comments:	SGT BARDA = LA-CHP = 213-724-1720

Site	Database(s)	EDR ID Number EPA ID Number
SYLMAR CONVERTER STATION 31201 SEPULVEDA BLVD **SYLMAR CONVERTER STATION 31201 SEPULVEDA BLVD** **LOS ANGELES, CA**	**ERNS**	**8866357** **N/A**

ERNS:

Site ID:	8866357
Site location:	SYLMAR CONVERTER STATION 31201 SEPULVEDA BLVD LOS ANGELES, CA
County:	LOS ANGELES
Report number:	13113
EPA region:	09
Spill date:	09/20/1988
Spill time:	10:26
Medium affected:	Land
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	CONCRETE CONTAINMENT SYSTEM
Discharger:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

SYLMAR CONVERTER STATION 31201 SEPULVEDA BLVD (Continued) 8866357

Discharger address:	Not reported
	Not reported
Discharger county:	Not reported
C.G. Unit:	Not reported
EPA notified:	True
Initial report:	True
Updated report:	True
Spill cause:	Not reported
Spilled material:	PCB 800,000 PPM
Spill total qty:	12.00 GAL
In water:	0.00 NON
DOT #:	Not reported
CAS:	Not reported
Quantity (lbs):	150.00
Description:	7 PCB CAPACITORS/ DUE TO FLASH OVER
Action:	CONCRETE WAS CLEANED AND GROUND SAMPLES TAKEN.
Comments:	Not reported

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110 FREEWAY AT ROSECRANS BLVD/SOUTH BOUND ONRAMP **ERNS** **99636090**
110 FREEWAY AT ROSECRANS BLVD/SOUTH BOUND ONRAMP **N/A**
LOS ANGELES, CA

ERNS:

Site ID:	99636090
Release source:	Not reported
Site location:	110 FREEWAY AT ROSECRANS BLVD/SOUTH BOUND ONRAMP
	LOS ANGELES, CA
County:	LOS ANGELES
EPA region:	09
NRC report number:	493567
EPA report number:	Not reported
Spill date:	08/02/1999
Spill time:	11:15
Medium affected:	Land
Discharger:	Not reported
Discharger address:	Not reported
	Not reported
Discharger county:	Not reported
Discharger DUNS:	Not reported
Discharger affiliation:	Not reported
EPA notified:	False
Number of injured:	0
Number of fatalities:	0
Number of evacuees:	0
Damage:	False
Damage $ amount:	0.00
Initial report:	True
Updated report:	True
Notes:	GROUND
Cause code:	Not reported
Spill cause:	Not reported
Type of agency:	Not reported
Responding agency:	Not reported
Spilled material:	GASOLINE: AUTOMOTIVE (UNLEADED)
Spill total qty:	0.00 UNK
In water:	0.00 NON
DOT #:	Not reported

Site	Database(s)	EDR ID Number EPA ID Number

110 FREEWAY AT ROSECRANS BLVD/SOUTH BOUND ONRAMP (Continued) 99636090

CAS: Not reported
Quantity (lbs): 0.00
Description: GAS TANKER TRUCK / TRAILER ON ITSIDE DUE TO CAUSES UNKNOWN / RELEASED GAS FROM TANKER
Action: LA FIRE DEPT HAZMAT TEAM ON SCENE / CALLER NOT SURE WHAT ACTIONS USED FOR CLEANUP
Comments: CALLER HAD NO WEATHER CONDITIONS CALLER HAD NO ADDITIONAL INFORMATION

SOFTONE CLEANERS **DRYCLEANERS** **S106858402**
3939 CRENSHAW BLVD_STE A **N/A**
LOS ANGELES, CA 90008

DRYCLEANERS:
EPA Id: CAD983667635
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 5/10/1993
Facility Active: No
Inactive Date: 6/30/2005 10:01:00 AM
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 3939-A CRENSHAW BLVD
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 900082541
Owner Name: SANG S IM
Owner Address: 3939-A CRENSHAW BLVD
Owner Address 2: Not reported
Owner Telephone: 3232901377
Contact Name: SANG S IM
Contact Address: 7639 WILLIS AVE
Contact Address 2: Not reported
Contact Telephone: 8187821445

BALDWIN HILLS SHOPPING CENTER **ENVIROSTOR** **S106893761**
3601-3725 S. LA BREA AV & 5110 RODEO RD **N/A**
LOS ANGELES, CA 90016

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: LOS ANGELES COUNTY
Lead Agency: LOS ANGELES COUNTY
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Facility ID: 19150003
Site Code: Not reported
Assembly: 47
Senate: 26
Special Program: Not reported
Status: Refer: 1248 Local Agency

Site	Database(s)	EDR ID Number EPA ID Number

BALDWIN HILLS SHOPPING CENTER (Continued) S106893761

Status Date: 06/26/2000
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not Applicable
Latitude: 34.01990
Longitude: -118.3562
APN: 5025010001
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 5025010001
Alias Type: APN
Alias Name: 19150003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 06/20/2000
Comments: DTSC is not involved with this project.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 01/11/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 01/11/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 07/12/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 79

Source: EPA
Telephone: N/A
Last EDR Contact: 01/10/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 12/13/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 12/13/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 29

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 12/13/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2011
Date Data Arrived at EDR: 09/15/2011
Date Made Active in Reports: 10/24/2011
Number of Days to Update: 39

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/07/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 12/13/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2011
Date Data Arrived at EDR: 08/11/2011
Date Made Active in Reports: 09/09/2011
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/16/2011
Date Data Arrived at EDR: 12/16/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/13/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/03/2011
Date Made Active in Reports: 06/15/2011
Number of Days to Update: 43

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/19/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/01/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/29/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/07/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/12/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 119

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/13/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 01/03/2012
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 16

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/20/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 06/28/2011
Date Data Arrived at EDR: 07/21/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/30/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/16/2011
Number of Days to Update: 28

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 31

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 12/07/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/21/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 18

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/29/2011
Date Data Arrived at EDR: 11/30/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 13
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/21/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/04/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/04/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/10/2011
Date Data Arrived at EDR: 10/11/2011
Date Made Active in Reports: 11/09/2011
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2011
Date Data Arrived at EDR: 10/11/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/07/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 12/16/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/20/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/29/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/17/2011
Next Scheduled EDR Contact: 01/30/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/24/2011
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/22/2011
Number of Days to Update: 28

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/25/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/09/2011
Date Data Arrived at EDR: 02/09/2011
Date Made Active in Reports: 03/04/2011
Number of Days to Update: 23
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/03/2011
Date Data Arrived at EDR: 02/08/2011
Date Made Active in Reports: 03/03/2011
Number of Days to Update: 23
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 04/06/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/17/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 26
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/17/2011
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 20
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/17/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 25

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/18/2011
Date Made Active in Reports: 12/14/2011
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 37

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/21/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2011
Date Data Arrived at EDR: 10/21/2011
Date Made Active in Reports: 11/14/2011
Number of Days to Update: 24
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/26/2012
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 27
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2011
Date Data Arrived at EDR: 10/14/2011
Date Made Active in Reports: 11/08/2011
Number of Days to Update: 25
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 12/16/2011
Number of Days to Update: 15
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/16/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/14/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/27/2011
Date Data Arrived at EDR: 09/28/2011
Date Made Active in Reports: 10/19/2011
Number of Days to Update: 21
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/17/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/05/2011
Number of Days to Update: 6
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/15/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/14/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 41

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/05/2011
Next Scheduled EDR Contact: 03/19/2012
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 12/13/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 36

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 12/12/2011
Next Scheduled EDR Contact: 02/27/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/20/2011
Date Data Arrived at EDR: 09/28/2011
Date Made Active in Reports: 10/25/2011
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/20/2011
Date Data Arrived at EDR: 09/28/2011
Date Made Active in Reports: 10/19/2011
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/05/2011
Date Data Arrived at EDR: 04/06/2011
Date Made Active in Reports: 05/12/2011
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/12/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/09/2011
Next Scheduled EDR Contact: 03/26/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 10/27/2011
Date Data Arrived at EDR: 11/23/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 20

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/09/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/27/2011
Date Data Arrived at EDR: 11/07/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/31/2011
Next Scheduled EDR Contact: 02/13/2012
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/19/2011
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 01/06/2012
Date Made Active in Reports: 01/17/2012
Number of Days to Update: 11

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/21/2011
Date Data Arrived at EDR: 11/22/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2011
Next Scheduled EDR Contact: 03/05/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/08/2011
Date Made Active in Reports: 12/22/2011
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2011
Next Scheduled EDR Contact: 02/20/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/28/2011
Next Scheduled EDR Contact: 03/12/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/19/2011
Next Scheduled EDR Contact: 04/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CRENSHAW BLVD/RODEO RD/EXPOSITION BLVD/BRONSON AVE
CRENSHAW BLVD/RODEO RD/EXPOSITION BLVD/BRONSON AVE
LOS ANGELES, CA 90018

TARGET PROPERTY COORDINATES

Latitude (North):	34.0219 - 34° 1' 18.84''
Longitude (West):	118.3344 - 118° 20' 3.84''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	376795.7
UTM Y (Meters):	3765192.5
Elevation:	113 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34118-A3 HOLLYWOOD, CA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

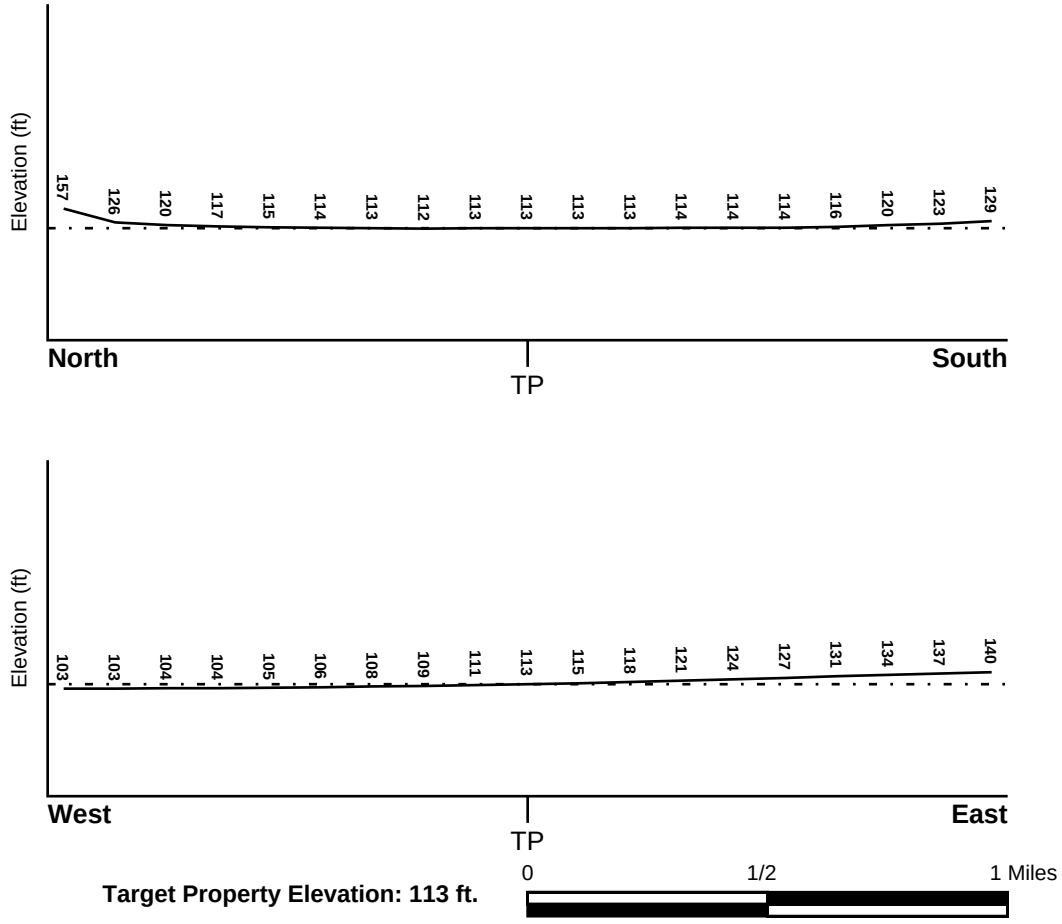
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG70000028666	1/8 - 1/4 Mile ENE
2	CAOG70000029230	1/2 - 1 Mile NNE
3	CAOG70000029355	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 3245009.2s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- (W) Water Wells
- (P) Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	CLIENT:	Tetra Tech Inc.
ADDRESS:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles CA 90018	CONTACT:	Tanya Maclean
		INQUIRY #:	3245009.2s
LAT/LONG:	34.0219 / 118.3344	DATE:	January 24, 2012 9:40 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ENE **OIL_GAS** **CAOG70000028666**
1/8 - 1/4 Mile

Apinumber:	03706321	District:	1
Geodistric:	0	Statuscode:	006
Gissourcec:	Not Reported	Wellsymbol:	DH
Confidenti:	Not Reported	Countyname:	Los Angeles
Leasename:	Dublin Corehole		
Wellnumber:	1		
Operatorna:	Chevron U.S.A. Inc.		
Fieldname:	Any Field	Areaname:	Any Area
Section:	3	Township:	2S
Range:	14W	Basemeridi:	SB
Lat83:	34.023146		
Long83:	-118.331321		
Site id:	CAOG70000028666		

2
NNE **OIL_GAS** **CAOG70000029230**
1/2 - 1 Mile

Apinumber:	03700547	District:	1
Geodistric:	0	Statuscode:	006
Gissourcec:	Not Reported	Wellsymbol:	DH
Confidenti:	Not Reported	Countyname:	Los Angeles
Leasename:	Union-Sig-Standard Wash. Bl E.H.		
Wellnumber:	1		
Operatorna:	Union Oil Co. of California		
Fieldname:	Any Field	Areaname:	Any Area
Section:	3	Township:	2S
Range:	14W	Basemeridi:	SB
Lat83:	34.032157		
Long83:	-118.331507		
Site id:	CAOG70000029230		

3
North **OIL_GAS** **CAOG70000029355**
1/2 - 1 Mile

Apinumber:	03706349	District:	1
Geodistric:	0	Statuscode:	006
Gissourcec:	Not Reported	Wellsymbol:	DH
Confidenti:	Not Reported	Countyname:	Los Angeles
Leasename:	Las Cienegas Core Hole		
Wellnumber:	21		
Operatorna:	Union Oil Co. of California		
Fieldname:	Any Field	Areaname:	Any Area
Section:	34	Township:	1S
Range:	14W	Basemeridi:	SB

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lat83:	34.035595
Long83:	-118.332592
Site id:	CAOG70000029355

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90018	4	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

APPENDIX C
EDR HISTORICAL DOCUMENTATION

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Los Angeles, CA 90018

Inquiry Number: 3245009.5

January 25, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Date EDR Searched Historical Sources:

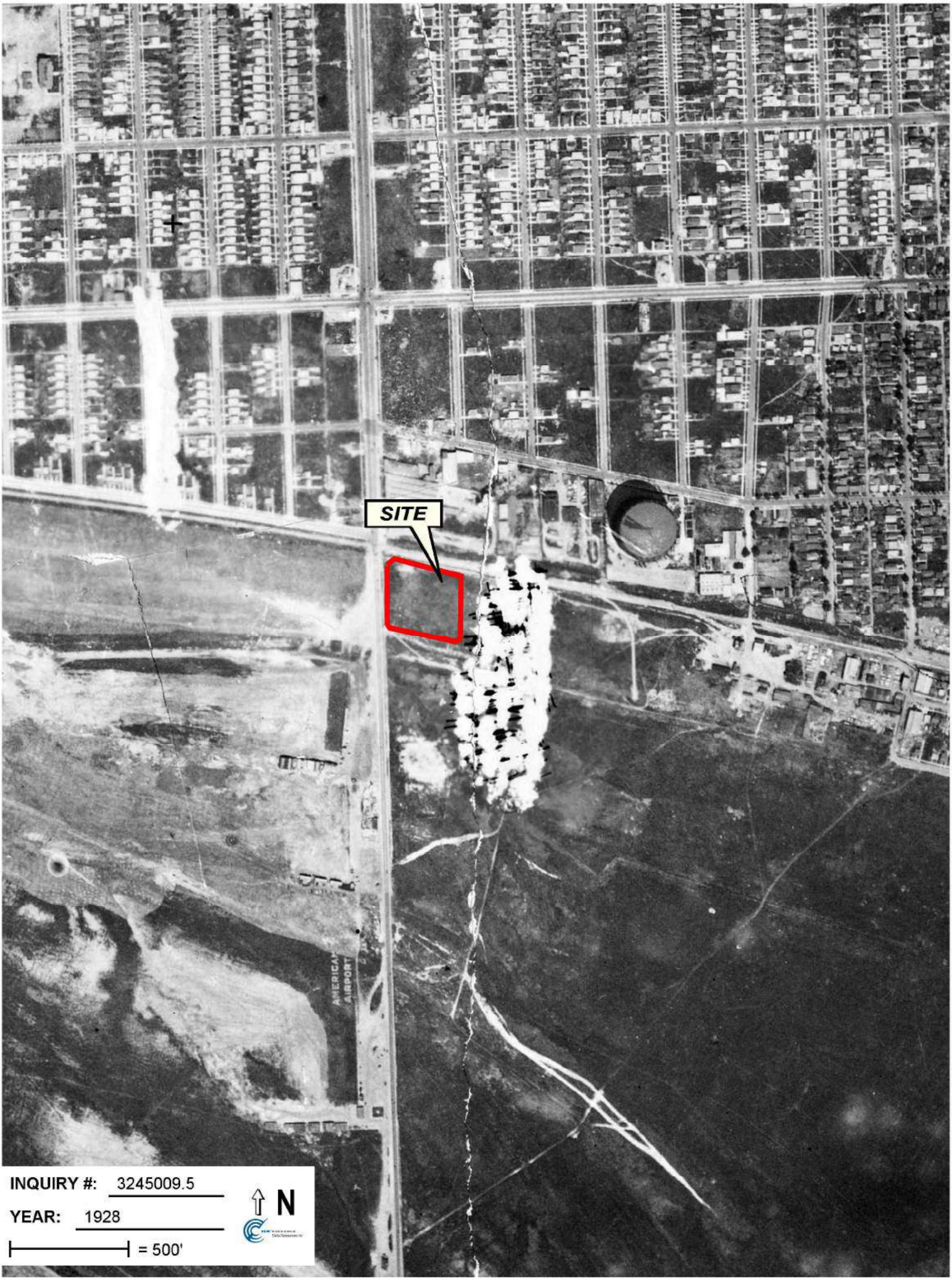
Aerial Photography January 25, 2012

Target Property:

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Los Angeles, CA 90018

Year	Scale	Details	Source
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928 Best Copy Available from original source	Fairchild
1938	Aerial Photograph. Scale: 1"=555'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=666'	Flight Year: 1947	Fairchild
1956	Aerial Photograph. Scale: 1"=400'	Flight Year: 1956	Fairchild
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Fairchild
1976	Aerial Photograph. Scale: 1"=666'	Flight Year: 1976	Teledyne
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1994	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR


SITE
INQUIRY #: 3245009.5
YEAR: 1928
= 500'
N


SITE
INQUIRY #: 3245009.5
YEAR: 1938
N
= 555'


SITE
INQUIRY #: 3245009.5
YEAR: 1947
= 666'
N

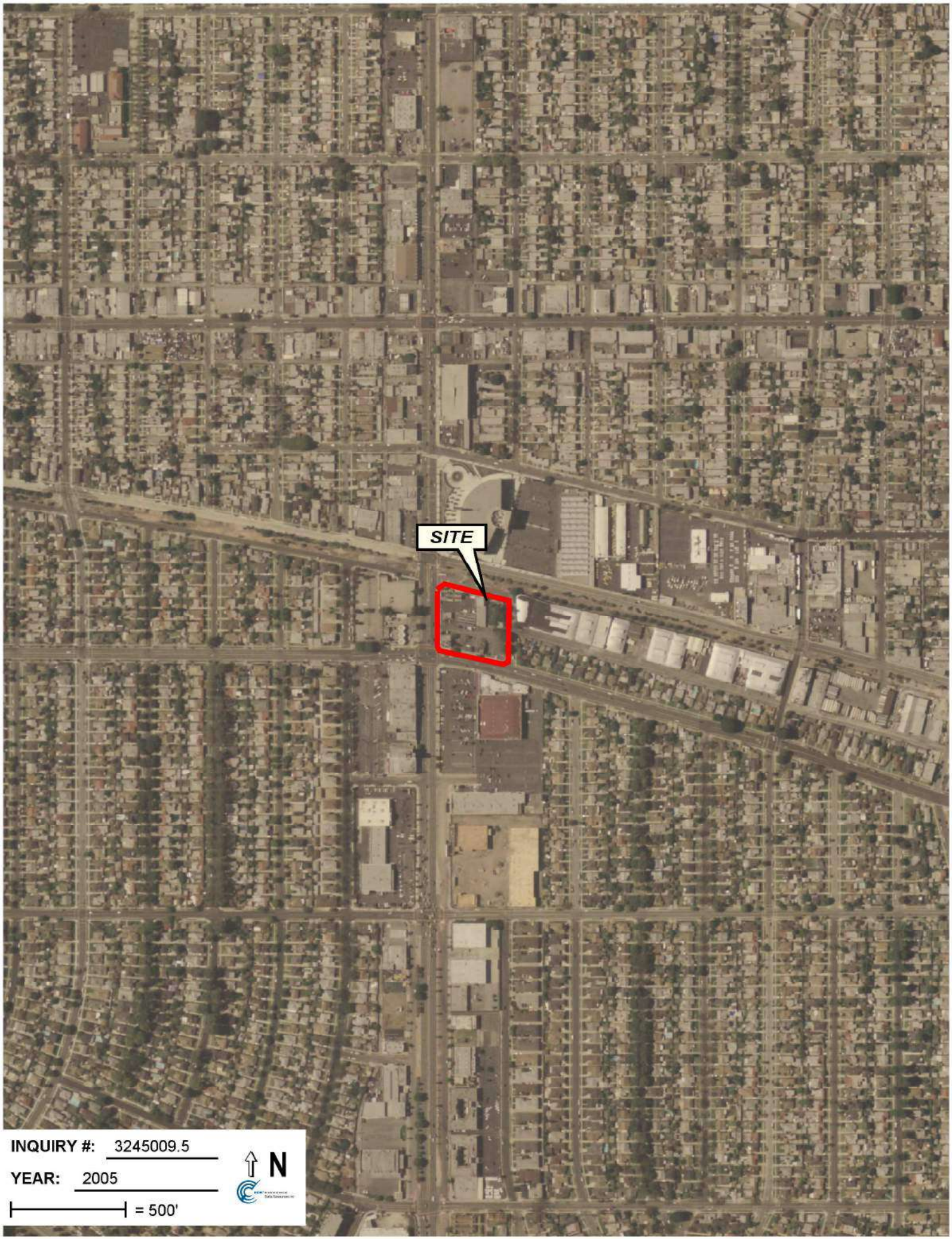

SITE
INQUIRY #: 3245009.5
YEAR: 1956
= 400'
N


SITE
INQUIRY #: 3245009.5
YEAR: 1965
= 666'
N


SITE
INQUIRY #: 3245009.5
YEAR: 1976
= 666'
N


SITE
INQUIRY #: 3245009.5
YEAR: 1989
= 666'
N


SITE
INQUIRY #: 3245009.5
YEAR: 1994
= 500'
N


SITE
INQUIRY #: 3245009.5
YEAR: 2005
= 500'
N

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Los Angeles, CA 90018

Inquiry Number: 3245009.3

January 24, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

1/24/12

Site Name:
Crenshaw Blvd/Rodeo
Crenshaw Blvd/Rodeo
Los Angeles, CA 90018

EDR Inquiry # 3245009.3

Client Name:
Tetra Tech Inc.
17885 Von Karman Ave
Irvine, CA 92614

Contact: Tanya Maclean

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Tetra Tech Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Crenshaw Blvd/Rodeo Rd/Exposition
Address: Crenshaw Blvd/Rodeo Rd/Exposition
City, State, Zip: Los Angeles, CA 90018
Cross Street:
P.O. # NA
Project: T28793.02 100-PEN
Certification # 8BFB-4EC3-9C10

Maps Provided:

1969
1950

Sanborn® Library search results
Certification # 8BFB-4EC3-9C10

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Tetra Tech Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1969 Source Sheets

Volume 36, Sheet 3613

Volume 36, Sheet 3652

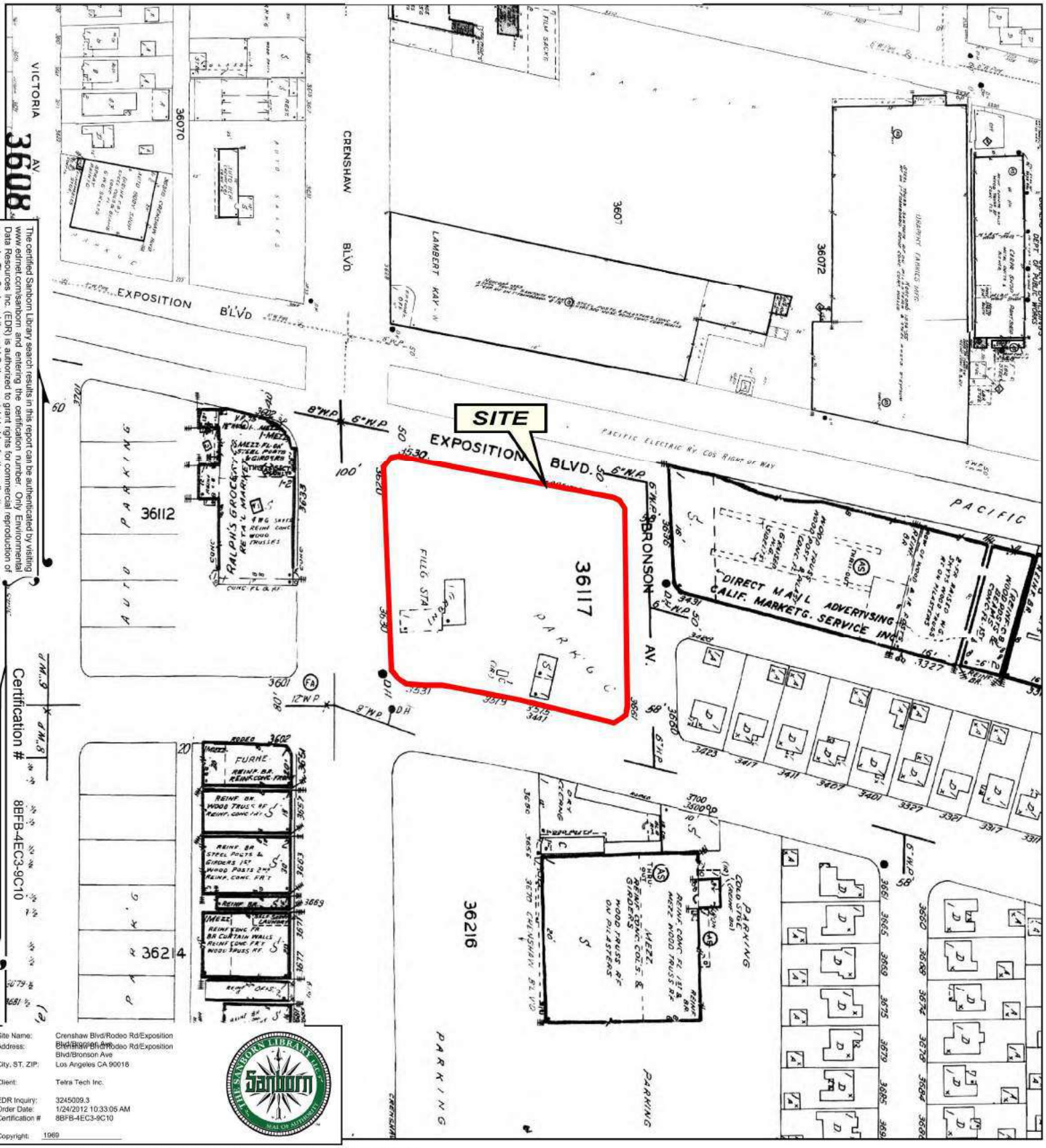
Volume 36, Sheet 3654

1950 Source Sheets

Volume 36, Sheet 3613

Volume 36, Sheet 3652

1969 Certified Sanborn Map



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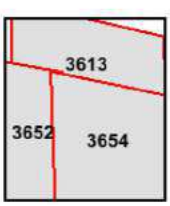
Certification # 8BFB-4EC3-9C10

Site Name:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
Address:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
City, ST, ZIP:	Los Angeles CA 90016
Client:	Tetra Tech Inc.
EDR Inquiry:	3245009.3
Order Date:	1/24/2012 10:33:05 AM
Certification #	8BFB-4EC3-9C10
Copyright:	1969

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

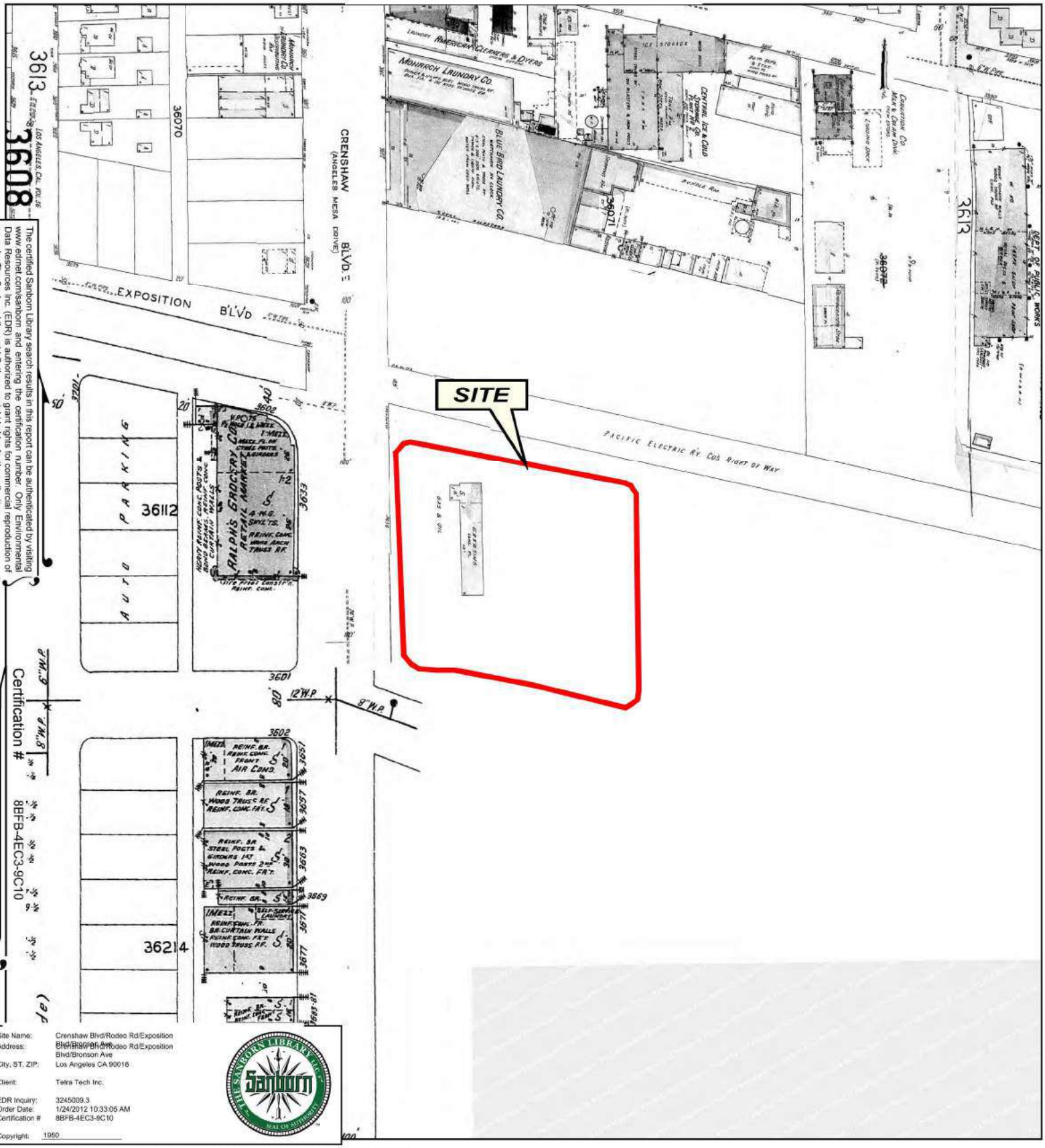


Volume 36, Sheet 3613
Volume 36, Sheet 3652
Volume 36, Sheet 3654

0 Feet 150 300 600

N

1950 Certified Sanborn Map



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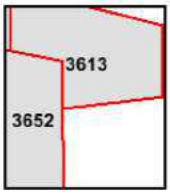
Certification # 8BFB-4EC3-9C10

Site Name:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
Address:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
City, ST, ZIP:	Los Angeles CA 90018
Client:	Tetra Tech Inc.
EDR Inquiry:	3245009.3
Order Date:	1/24/2012 10:33:05 AM
Certification #	8BFB-4EC3-9C10
Copyright:	1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 36, Sheet 3613
Volume 36, Sheet 3652

0 Feet 150 300 600

N

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave

Los Angeles, CA 90018

Inquiry Number: 3245009.4

January 24, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

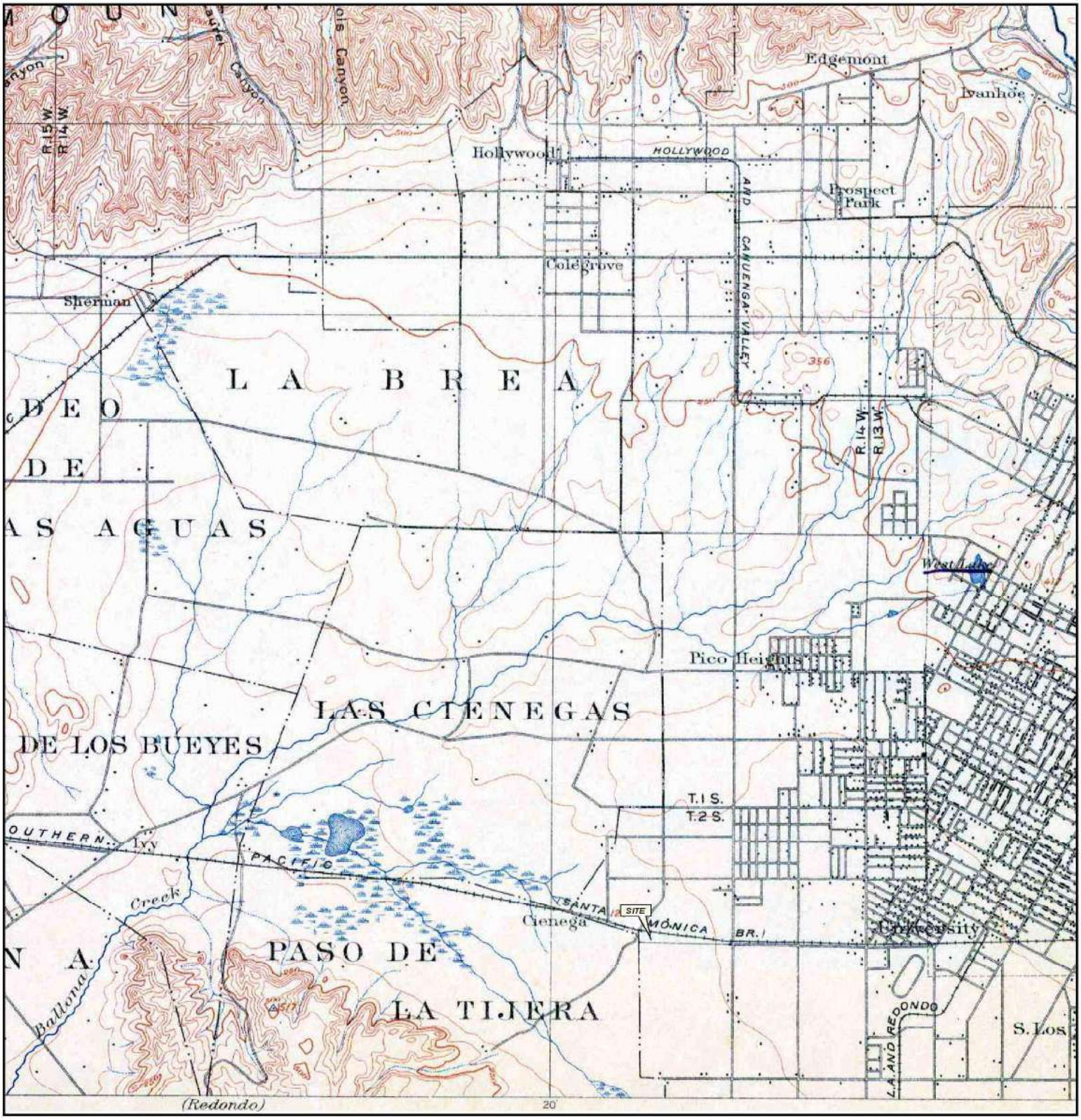
440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Historical Topographic Map

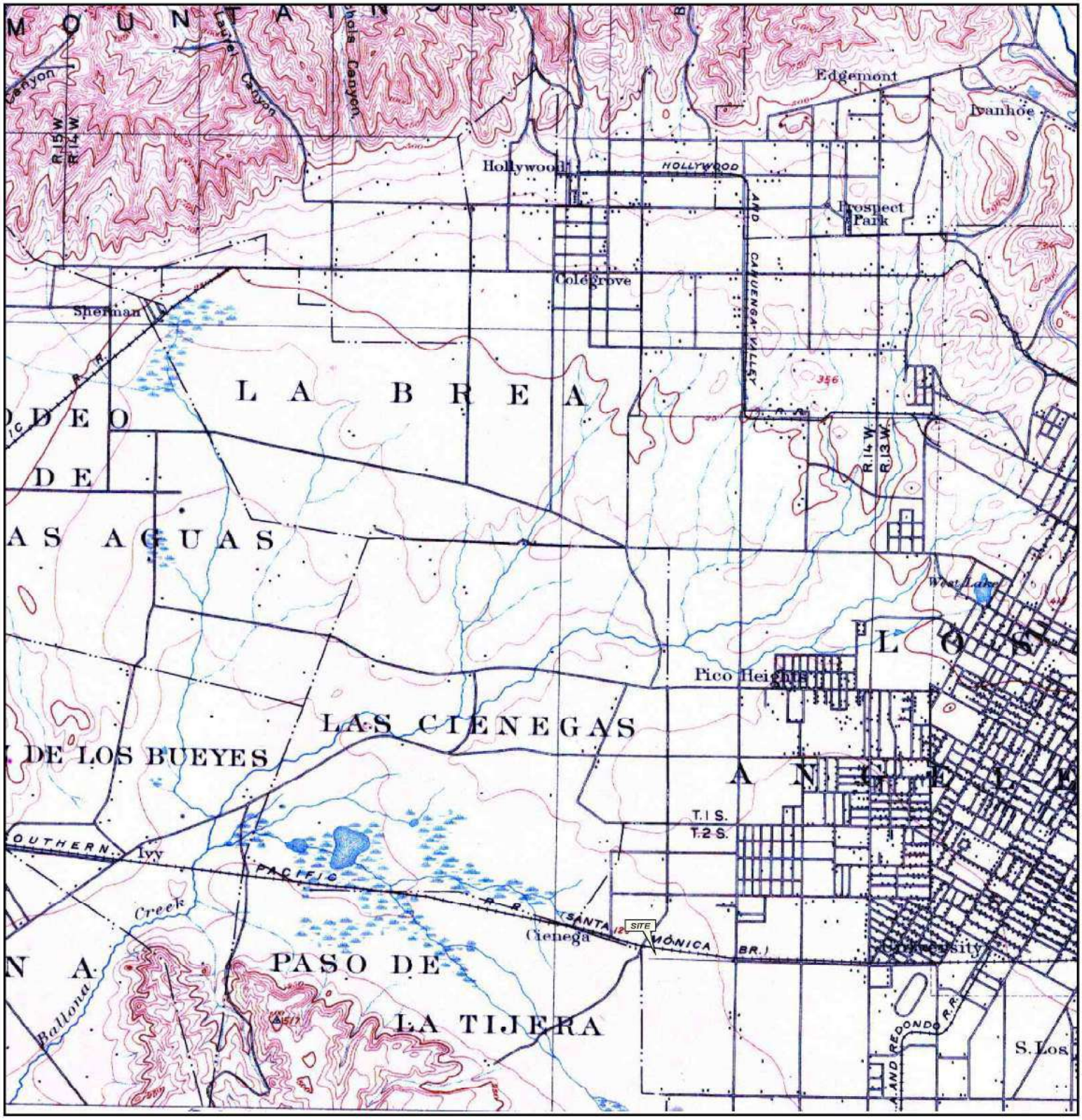


N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave ADDRESS: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018 LAT/LONG: 34.0219 / -118.3344	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012

Historical Topographic Map

N	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave ADDRESS: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018 LAT/LONG: 34.0219 / -118.3344	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012

Historical Topographic Map

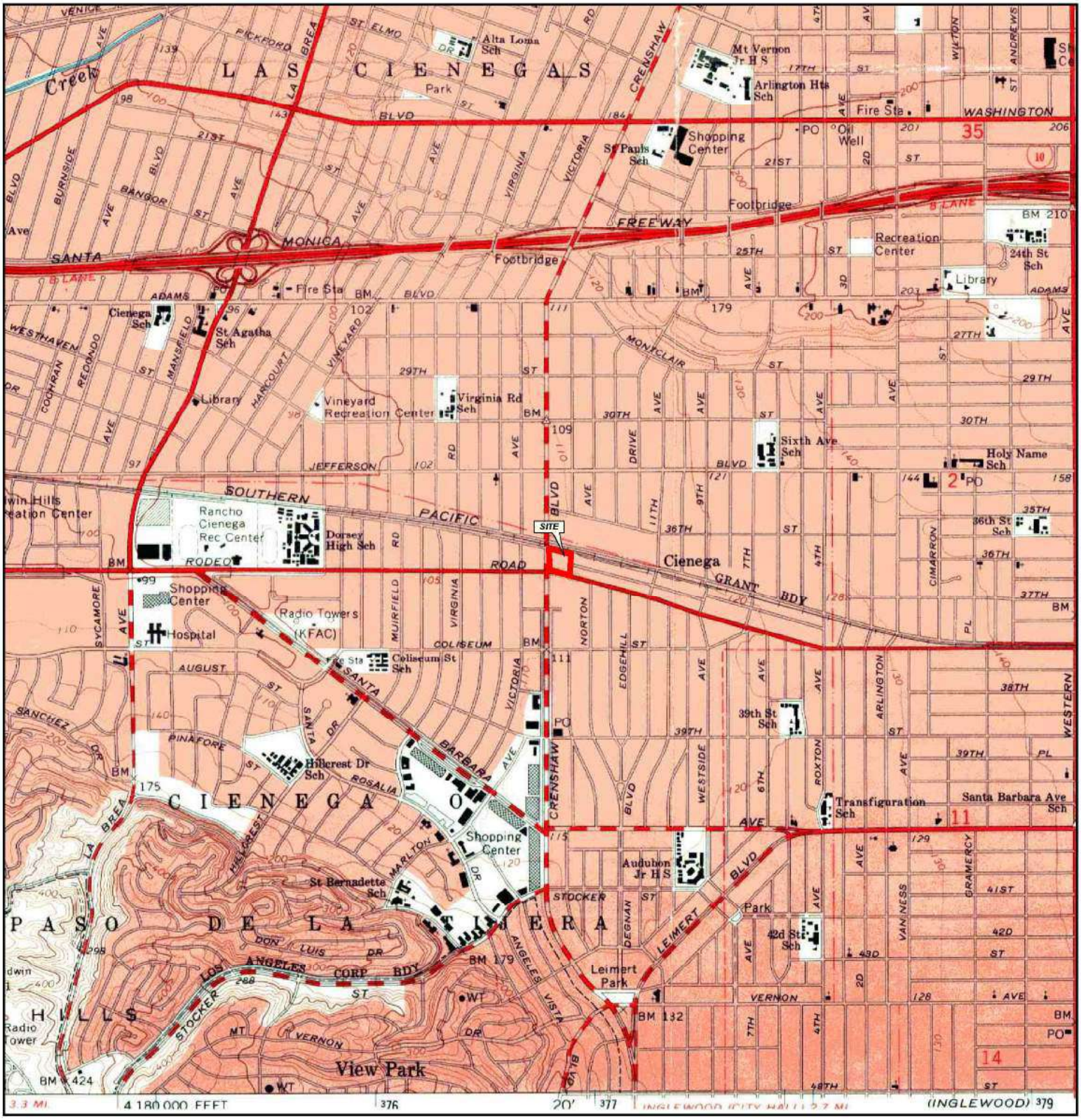


N	TARGET QUAD NAME: SANTA MONICA MAP YEAR: 1902 SERIES: 15 SCALE: 1:62500	SITE NAME: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave ADDRESS: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018 LAT/LONG: 34.0219 / -118.3344	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012

Historical Topographic Map

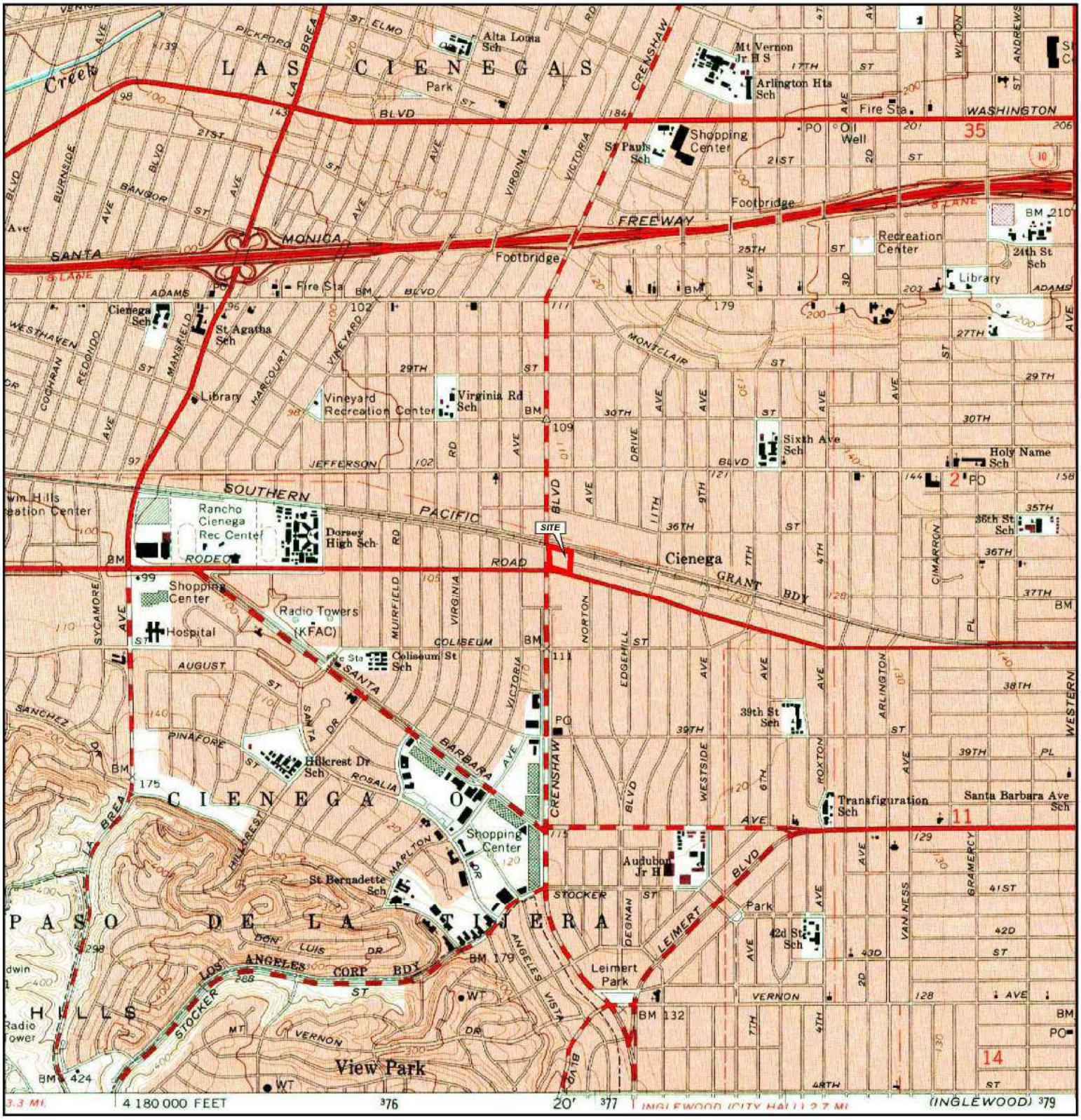
N					
	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1926 SERIES: 6 SCALE: 1:24000	SITE NAME:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012
		ADDRESS:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018	
		LAT/LONG:	34.0219 / -118.3344	

Historical Topographic Map



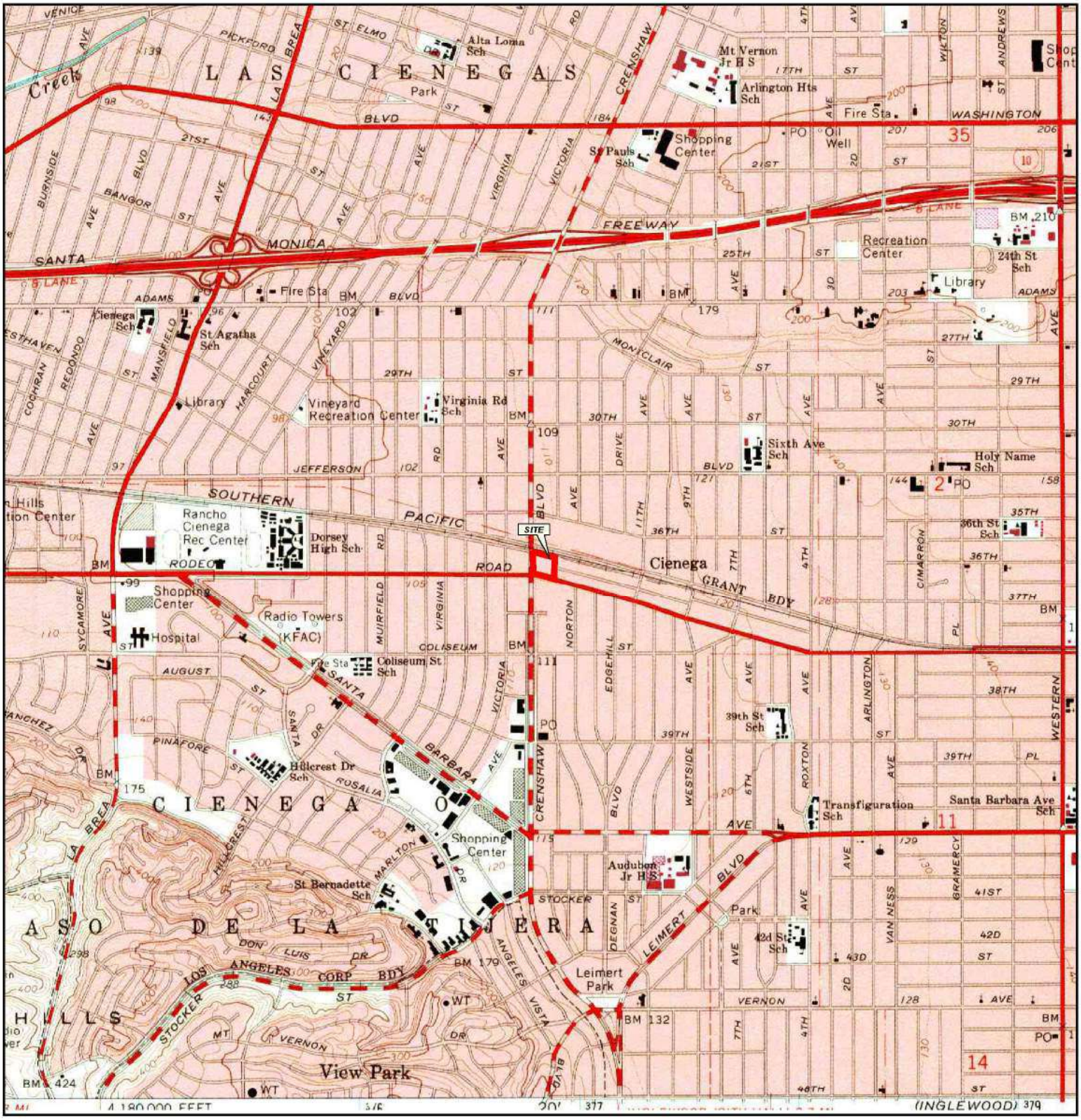
N	TARGET QUAD		SITE NAME:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	CLIENT:	Tetra Tech Inc.
	NAME:	HOLLYWOOD			CONTACT:	Tanya Maclean
	MAP YEAR:	1966	ADDRESS:	Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	INQUIRY#:	3245009.4
	SERIES:	7.5		Los Angeles, CA 90018	RESEARCH DATE:	01/24/2012
	SCALE:	1:24000	LAT/LONG:	34.0219 / -118.3344		

Historical Topographic Map



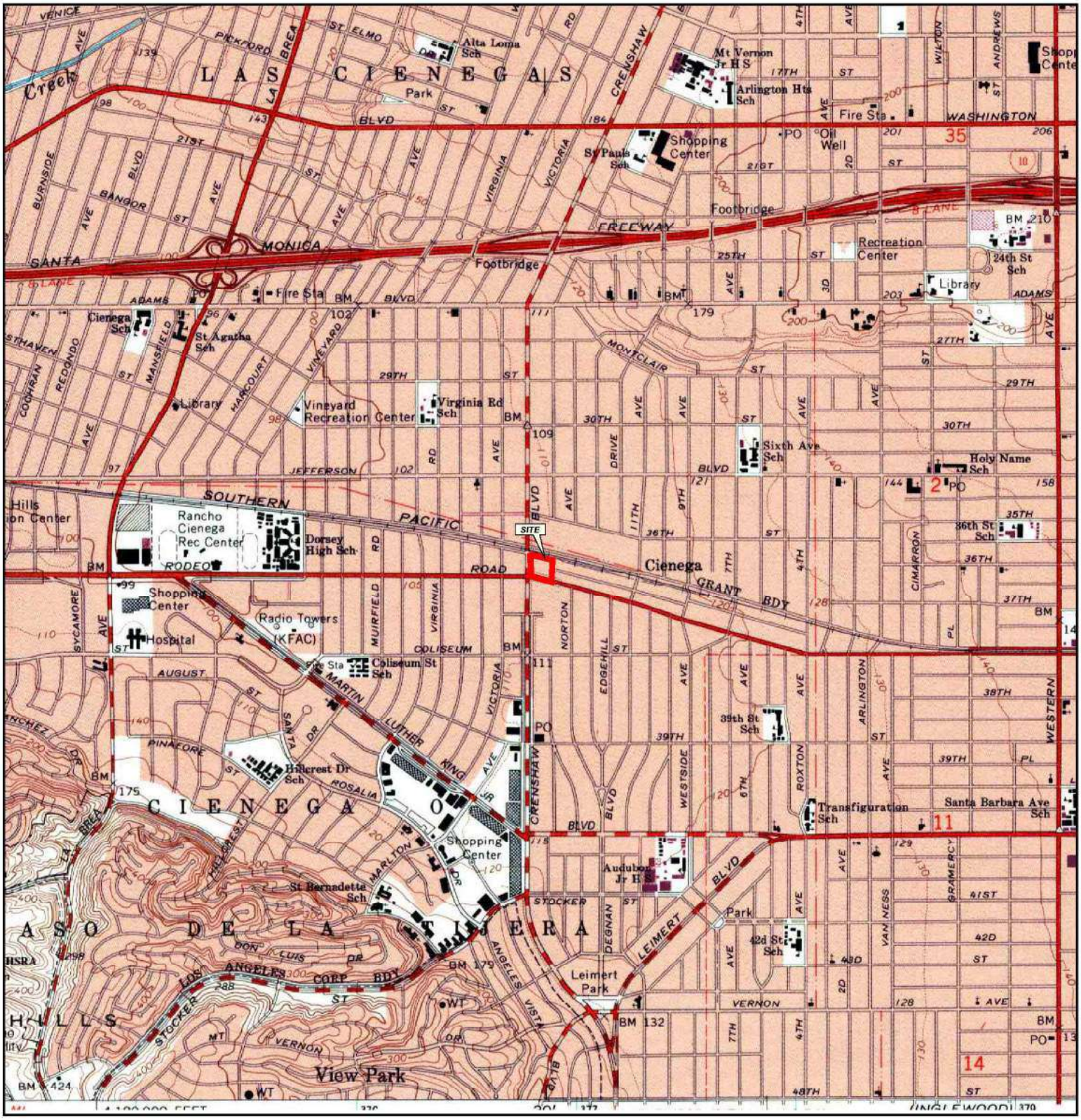
N	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1972 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave ADDRESS: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018 LAT/LONG: 34.0219 / -118.3344	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012

Historical Topographic Map



N	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1981 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave ADDRESS: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018 LAT/LONG: 34.0219 / -118.3344	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012

Historical Topographic Map



N	TARGET QUAD NAME: HOLLYWOOD MAP YEAR: 1994 REVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave ADDRESS: Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave Los Angeles, CA 90018 LAT/LONG: 34.0219 / -118.3344	CLIENT: Tetra Tech Inc. CONTACT: Tanya Maclean INQUIRY#: 3245009.4 RESEARCH DATE: 01/24/2012

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave
Los Angeles, CA 90018

Inquiry Number: 3245009.6
January 24, 2012

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2006	Haines Company, Inc	-	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	GTE	-	-	-	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone Co	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1962	Pacific Telephone	-	X	X	-
1961	Luskey Brothers & Co	-	-	-	-
1960	General Telephone Company Publishers	-	-	-	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	-	-	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Los Angeles Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	TRIBUNE-NEWS PUBLISHING CO.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.

SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

Address	***Type***	***Findings***
3500 RODEO RD	Map ID: 13	X
3602 CRENSHAW BLVD	Map ID: 17	X
3335 EXPOSITION PL	Map ID: 19	X
3630 CRENSHAW BLVD	Map ID: 3	X
3510 EXPOSITION BLVD	Map ID: 3	X
3515 RODEO RD	Map ID: 4	X
3645 CRENSHAW BLVD	Map ID: 6	X

EXECUTIVE SUMMARY

Address	***Type***	***Findings***
3650 CRENSHAW BLVD	Map ID: 7	X
3606 EXPOSITION BLVD	Map ID: 8	X
3644 Crenshaw Boulevard	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave 1
Los Angeles, CA 90018

FINDINGS DETAIL

Target Property research detail.

No Addresses Found

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CRENSHAW BLVD

Map ID: 17

3602 CRENSHAW BLVD

Year	Uses	Source
2000	XXXX	Haines & Company
1990	FILM SALVAGE CO	Pacific Bell
1986	FILM PROCESSING CORP	Pacific Bell
	FILM SALVAGE CO	Pacific Bell
1981	FILM PROCESSING CORP	Pacific Telephone
	MAGN STRIPE INC	Pacific Telephone
	RACAL	Pacific Telephone
1976	Racal	Pacific Telephone
	Magn Stripe Inc	Pacific Telephone
	Film Processing Corp	Pacific Telephone
	Film Salvage Co	Pacific Telephone
1971	Film Processing Corp	Pacific Telephone
	Film Salvage Co	Pacific Telephone
1967	Film Processing Corp	Pacific Telephone
	FILM SALVAGE CO	Pacific Telephone
1962	Film Processing Corp	Pacific Telephone
	Film Salvage Co	Pacific Telephone
1958	Film Processing Corp	Pacific Telephone
	Film Salvage Co	Pacific Telephone
1951	Crenshw American Clnrs Inc	Pacific Telephone & Telegraph Co.
	Crenshw American Dye Works	Pacific Telephone & Telegraph Co.
	Crenshw Bl Mels Uniform Clning	Pacific Telephone & Telegraph Co.
	Crenshw Regal Clnrs & Dyers	Pacific Telephone & Telegraph Co.
1942	REGAL CLEANERS & DYERS LTD S E Korngut Pres Harry Miller V Pres Treas Norman Miller Sec Dry Cleaning and Dyeing Specialists	Los Angeles Directory Co.
1937	AMERICAN Dye Works S E Korngut pres	Los Angeles Directory Co.
	REGAL SLEANERS & DYERS LTD S E Korngut Pres Harry Miller V Pres Treas Norman Miller Sec Dry Cleaning and Dyeing Specialists	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	REGAL CLEANERS & DYERS LTD S E Kornout Pres Aaron Halpern Sec Treas Dry Cleaning and Dyeing Specialists	Los Angeles Directory Co.

3630 CRENSHAW BLVD Map ID: 3

Year	Uses	Source
2006	JACKS CHILLI	Haines Company, Inc
	FACTORY	Haines Company, Inc
2000	JACKS CHILI FACTORY	Haines & Company
	DINING SENSATIONS	Haines & Company
	OLIVER Lacey	Haines & Company
1990	JACK S CHILL FACTORY	Pacific Bell
1986	JACK S CHILI FACTORY	Pacific Bell
1981	EASTERN GARDEN SMORGASBORD	Pacific Telephone
1976	Eastern Garden restrnt	Pacific Telephone
1971	Crenshaw Rodeo Gulf Service	Pacific Telephone
	Dixonburger Inc	Pacific Telephone
	Dixonburger Inc	Pacific Telephone
1967	GULF OIL SERV S TNS Contd Los Angeles Contd	Pacific Telephone
1962	WILSHIRE OIL CO OF California Service Stations Aviation & Arbor Vitae	Pacific Telephone
	Crenshew & Rodeo	Pacific Telephone
	Kays Wilshire Serv serv stn	Pacific Telephone
1958	WILSHIRE PRODUCTS INC Service Stations	Pacific Telephone
	WILSHIRE PRODUCTS INC Service Stations	Pacific Telephone
1951	Crenshw Craig Oil Co Inc	Pacific Telephone & Telegraph Co.

3645 CRENSHAW BLVD Map ID: 6

Year	Uses	Source
2006	CRENSHAWSHELL	Haines Company, Inc
2000	CRENSHAW SHELL	Haines & Company
1990	HONG S SHELL SERVICE STN	Pacific Bell
1981	CHOE KYU HYONG SERV STN	Pacific Telephone
1976	Choe Kyu Hyong serv stn	Pacific Telephone

3650 CRENSHAW BLVD Map ID: 7

Year	Uses	Source
2006	CAMEO CLEANERS	Haines Company, Inc
2000	CAMEO CLEANERS	Haines & Company
	COMET CLEANERS	Haines & Company

FINDINGS

Year	Uses	Source
2000	ROCKET CLEANERS & LAUNDRY	Haines & Company
	SISKIN Leo	Haines & Company
1990	COMET CLEANERS	Pacific Bell
	ROCKET CLEANERS & LAUNDRY	Pacific Bell
	CAMEO CLEANERS	Pacific Bell
1986	ROCKET CLEANERS & LAUNDRY	Pacific Bell
	COMET CLEANERS	Pacific Bell
1980	Rocket Cleaners & Laundry	Pacific Telephone
	Rocket Messenger & Air Courier Service	Pacific Telephone
	Rockett EA	Pacific Telephone
1976	Rocket Cleaners & Laundry	Pacific Telephone
1971	Rocket Cleaners & Laundry	Pacific Telephone
1970	ROCKET CLEANERS & LAUNDRY	Pacific Telephone
1967	Rocket Cleaners & Laundry	Pacific Telephone
1965	ROCKET CLEANERS & LAUNDRY	Pacific Telephone
1962	ROCKET CLEANERS & LAUNDRY	Pacific Telephone
	Rocket Cleaners & Laundry	Pacific Telephone
	Rocket Cleaners & Laundry	Pacific Telephone
1958	Rocket Cleaners	Pacific Telephone
	ROCKET CLEANERS	Pacific Telephone

Crenshaw Boulevard

3644 Crenshaw Boulevard

Client Entered

Year	Uses	Source
2006	LAUNDRY SYSTEMS	Haines Company, Inc
	CLEAN KING	Haines Company, Inc
	LAUNDRY SYSTEMS	Haines Company, Inc
	CLEANKIJNG	Haines Company, Inc
2000	RABBANY Farhad	Haines & Company
1971	Ichiho Daisuke Dyke Crenshaw Gulf	Pacific Telephone

EXPOSITION BLVD

3510 EXPOSITION BLVD

Map ID: 3

Year	Uses	Source
2006	AL MADINAH	Haines Company, Inc
	SCHOOL	Haines Company, Inc
2000	WEALTH CODE	Haines & Company

Year	Uses	Source
2000	ALMADINAH SC	Haines & Company
	ALMADINAH SC	Haines & Company
	MASJEID A	Haines & Company
1990	AL-MADINAH SCHOOL	Pacific Bell
	AL-MADINAH SCHOOL	Pacific Bell
1986	AL-MADINAH SCHOOL	Pacific Bell
	AL-MADINAH SCHOOL	Pacific Bell
1981	EDUCATIONAL DEVELOPMENT CENTER	Pacific Telephone
	COMMUNITY CARE & DEVELOPMENT SERVICES	Pacific Telephone
1976	Community Care & Development Services	Pacific Telephone

3606 EXPOSITION BLVD Map ID: 8

Year	Uses	Source
2006	LACOPRBTNINFO	Haines Company, Inc
2000	LA CO PRBTN INFO	Haines & Company
1976	LOS ANGELES COUNTY OF	Pacific Telephone
	BOARD OF SUPERVISORS Second District Kenneth Hahn Supervisor Crenshaw	Pacific Telephone
	LOS ANGELES COUNTY OF Contd	Pacific Telephone
	PROBATION DEPT Offices Crenshaw Area Office	Pacific Telephone

EXPOSITION PL

3335 EXPOSITION PL Map ID: 19

Year	Uses	Source
2000	L A HAUTE	Haines & Company

RODEO RD

3500 RODEO RD Map ID: 13

Year	Uses	Source
2000	SISKIN Leo	Haines & Company
1958	Crenshaw Development Co	Pacific Telephone
	Wilstar Realty Co	Pacific Telephone

3515 RODEO RD Map ID: 4

Year	Uses	Source
2006	HAVEN BURGERS	Haines Company, Inc
2000	HAVEN BURGERS	Haines & Company

FINDINGS

Year	Uses	Source
1990	PIONEER TAKE OUT LOS ANGELES	Pacific Bell
	PIONEER TAKE OUT	Pacific Bell
1986	PIONEER SUPERMARKETS	Pacific Bell
1981	PIONEER TAKE-OUT	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
Crenshaw Blvd/Rodeo Rd/Exposition Blvd/Bronson Ave	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
3335 EXPOSITION PL	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3500 RODEO RD	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3510 EXPOSITION BLVD	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3515 RODEO RD	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3602 CRENSHAW BLVD	2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3606 EXPOSITION BLVD	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3630 CRENSHAW BLVD	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3644 Crenshaw Boulevard	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3645 CRENSHAW BLVD	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3650 CRENSHAW BLVD	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1975, 1972, 1969, 1966, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX D
ADDITIONAL RELEVANT DOCUMENTATION

TANYA MACLEAN

TETRA TECH

17770 CARTWRIGHT ROAD, SUITE 500

IRVINE, CALIFORNIA 92614

PARCEL: 5044-002-007

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE
ROCKWALL, TEXAS 75032

TEL: (972) 772-4283
FAX: (972) 772-4283

ENVIRONMENTAL LIEN AND OTHER ACTIVITY USE LIMITATIONS (AUL) SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980, AS AMENDED. IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

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THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING DESCRIBED PROPERTY.

LEGAL DESCRIPTION: PARCEL: 5044-002-007, PARCEL MAP AS PER BK 51 PG 13 OF P M LOT B, 3630 CRENSHAW BOULEVARD, LOS ANGELES, CALIFORNIA.

CURRENT OWNER: LACY K. OLIVER.

DATE : APRIL 9, 1984

INSTRUMENT: WARRANTY DEED

GRANTOR : NAM SONG AND SOON SONG

GRANTEE : LACY K. OLIVER

FILE NO. : 479583

DATE : APRIL 9, 1974

INSTRUMENT: WARRANTY DEED

GRANTOR : CRENSHAW INDUSTRIAL CORPORATION

GRANTEE : NAM SONG AND SOON SONG

FILE NO. : 180471

DATE : JANUARY 10, 1974

INSTRUMENT: WARRANTY DEED

GRANTOR : AAMES FUNDING CORPORATION

GRANTEE : CRENSHAW INDUSTRIAL CORPORATION

FILE NO. : 398615

DATE : NOVEMBER 29, 1972

INSTRUMENT: WARRANTY DEED

GRANTOR : LOUISE MARIE KINDER

GRANTEE : AAMES FUNDING CORPORATION

FILE NO. : 586293

DATE : MAY 17, 1961

INSTRUMENT: WARRANTY DEED

GRANTOR : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

GRANTEE : LOUISE MARIE KINDER

FILE NO. : 904317

DATE : DECEMBER 8, 1950

INSTRUMENT: WARRANTY DEED

GRANTOR : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

GRANTEE : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

FILE NO. : 256793

DATE : AUGUST 23, 1944

INSTRUMENT: WARRANTY DEED

GRANTOR : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

GRANTEE : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

FILE NO. : 701438

DATE : OCTOBER 6, 1938

INSTRUMENT: WARRANTY DEED

GRANTOR : C.R. BASTIAN

GRANTEE : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

FILE NO. : 152799

EASEMENTS : UTILITY EASEMENT.

ENVIRONMENTAL LIEN AND AUL SEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN AND OTHER ACTIVITY AND USE LIMITATION SEARCH A FINDING THAT NO ENVIRONMENTAL LIENS OR AUL'S HAVE BEEN FILED OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 8.3.4.4 AND SECTION 6.2

THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TANYA MACLEAN

TETRA TECH

17770 CARTWRIGHT ROAD, SUITE 500

IRVINE, CALIFORNIA 92614

PARCEL: 5044-002-006

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE
ROCKWALL, TEXAS 75032

TEL: (972) 772-4283
FAX: (972) 772-4283

ENVIRONMENTAL LIEN AND OTHER ACTIVITY USE LIMITATIONS (AUL) SEARCH

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THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING DESCRIBED PROPERTY.

LEGAL DESCRIPTION: PARCEL: 5044-002-006, PARCEL MAP AS PER BK 51 PG 13 OF P M LOT A, 3644 CRENSHAW BOULEVARD, LOS ANGELES, CALIFORNIA.

CURRENT OWNER: SOLEIMAN GHALILI AND WIFE, LOUISE GHALILI.

DATE : DECEMBER 27, 1997

INSTRUMENT: WARRANTY DEED

GRANTOR : RABRANY FARHAD

GRANTEE : SOLEIMAN GHALILI AND WIFE, LOUISE GHALILI

FILE NO. : 416893

DATE : JANUARY 7, 1980

INSTRUMENT: WARRANTY DEED

GRANTOR : MOYER-RODEO ASSOCIATES

GRANTEE : RABRANY FARHAD

FILE NO. : 379041

DATE : NOVEMBER 19, 1977

INSTRUMENT: WARRANTY DEED

GRANTOR : CRENSHAW INDUSTRIAL CORPORATION

GRANTEE : MOYER-RODEO ASSOCIATES

FILE NO. : 831762

DATE : JANUARY 10, 1974

INSTRUMENT: WARRANTY DEED

GRANTOR : AAMES FUNDING CORPORATION

GRANTEE : CRENSHAW INDUSTRIAL CORPORATION

FILE NO. : 398615

DATE : NOVEMBER 29, 1972

INSTRUMENT: WARRANTY DEED

GRANTOR : LOUISE MARIE KINDER

GRANTEE : AAMES FUNDING CORPORATION

FILE NO. : 586293

DATE : MAY 17, 1961

INSTRUMENT: WARRANTY DEED

GRANTOR : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

GRANTEE : LOUISE MARIE KINDER

FILE NO. : 904317

DATE : DECEMBER 8, 1950

INSTRUMENT: WARRANTY DEED

GRANTOR : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

GRANTEE : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

FILE NO. : 256793

DATE : AUGUST 23, 1944

INSTRUMENT: WARRANTY DEED

GRANTOR : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

GRANTEE : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

FILE NO. : 701438

DATE : OCTOBER 6, 1938

INSTRUMENT: WARRANTY DEED

GRANTOR : C.R. BASTIAN

GRANTEE : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

FILE NO. : 152799

EASEMENTS : UTILITY EASEMENT.

ENVIRONMENTAL LIEN AND AUL SEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN AND OTHER ACTIVITY AND USE LIMITATION SEARCH A FINDING THAT NO ENVIRONMENTAL LIENS OR AUL'S HAVE BEEN FILED OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 8.3.4.4 AND SECTION 6.2

THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TANYA MACLEAN

TETRA TECH

17770 CARTWRIGHT ROAD, SUITE 500

IRVINE, CALIFORNIA 92614

PARCEL: 5044-002-010

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE
ROCKWALL, TEXAS 75032

TEL: (972) 772-4283
FAX: (972) 772-4283

ENVIRONMENTAL LIEN AND OTHER ACTIVITY USE LIMITATIONS (AUL) SEARCH

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LEGAL DESCRIPTION: PARCEL: 5044-002-010, TR=PARCEL MAP AS PER BK 82 P 29-30 OF P M LOT C, 3510 EXPOSITION BOULEVARD, LOS ANGELES, CALIFORNIA.

CURRENT OWNER: MASJEID AL MU-MIN.

DATE : DECEMBER 28, 1983

INSTRUMENT: WARRANTY DEED

GRANTOR : ECUMINICAL SERVICE CORPORATION

GRANTEE : MASJEID AL MU-MIN

FILE NO. : 148364

DATE : MARCH 23, 1978

INSTRUMENT: WARRANTY DEED

GRANTOR : CRENSHAW INDUSTRIAL CORPORATION

GRANTEE : ECUMINICAL SERVICE CORPORATION

FILE NO. : 721038

DATE : JANUARY 10, 1974

INSTRUMENT: WARRANTY DEED

GRANTOR : AAMES FUNDING CORPORATION

GRANTEE : CRENSHAW INDUSTRIAL CORPORATION

FILE NO. : 398615

DATE : NOVEMBER 29, 1972

INSTRUMENT: WARRANTY DEED

GRANTOR : LOUISE MARIE KINDER

GRANTEE : AAMES FUNDING CORPORATION

FILE NO. : 586293

DATE : MAY 17, 1961

INSTRUMENT: WARRANTY DEED

GRANTOR : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

GRANTEE : LOUISE MARIE KINDER

FILE NO. : 904317

DATE : DECEMBER 8, 1950

INSTRUMENT: WARRANTY DEED

GRANTOR : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

GRANTEE : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

FILE NO. : 256793

DATE : AUGUST 23, 1944

INSTRUMENT: WARRANTY DEED

GRANTOR : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

GRANTEE : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

FILE NO. : 701438

DATE : OCTOBER 6, 1938

INSTRUMENT: WARRANTY DEED

GRANTOR : C.R. BASTIAN

GRANTEE : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

FILE NO. : 152799

EASEMENTS : UTILITY EASEMENT.

ENVIRONMENTAL LIEN AND AUL SEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN AND OTHER ACTIVITY AND USE LIMITATION SEARCH A FINDING THAT NO ENVIRONMENTAL LIENS OR AUL'S HAVE BEEN FILED OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 8.3.4.4 AND SECTION 6.2

THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TANYA MACLEAN

TETRA TECH

17770 CARTWRIGHT ROAD, SUITE 500

IRVINE, CALIFORNIA 92614

PARCEL: 5044-002-008

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE
ROCKWALL, TEXAS 75032

TEL: (972) 772-4283
FAX: (972) 772-4283

ENVIRONMENTAL LIEN AND OTHER ACTIVITY USE LIMITATIONS (AUL) SEARCH

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LEGAL DESCRIPTION: PARCEL: 5044-002-008, TR=PARCEL MAP AS PER BK 82 P 29-30 OF P M LOT A, 3515 RODEO ROAD, LOS ANGELES, CALIFORNIA.

CURRENT OWNER: GHALILI FAMILY TRUST.

DATE : SEPTEMBER 30, 1999

INSTRUMENT: WARRANTY DEED

GRANTOR : SOLEIMAN GHALILI AND WIFE, LOUISE GHALILI

GRANTEE : GHALILI FAMILY TRUST

FILE NO. : 721859

DATE : MAY 20, 1997

INSTRUMENT: WARRANTY DEED

GRANTOR : SOLEIMAN GHALILI, ET AL

GRANTEE : SOLEIMAN GHALILI AND WIFE, LOUISE GAHLILI

FILE NO. : 149268

DATE : JULY 25, 1977

INSTRUMENT: WARRANTY DEED

GRANTOR : CRENSHAW INDUSTRIAL CORPORATION

GRANTEE : SOLEIMAN GAHLILI, ET AL

FILE NO. : 680319

DATE : JANUARY 10, 1974

INSTRUMENT: WARRANTY DEED

GRANTOR : AAMES FUNDING CORPORATION

GRANTEE : CRENSHAW INDUSTRIAL CORPORATION

FILE NO. : 398615

DATE : NOVEMBER 29, 1972

INSTRUMENT: WARRANTY DEED

GRANTOR : LOUISE MARIE KINDER

GRANTEE : AAMES FUNDING CORPORATION

FILE NO. : 586293

DATE : MAY 17, 1961

INSTRUMENT: WARRANTY DEED

GRANTOR : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

GRANTEE : LOUISE MARIE KINDER

FILE NO. : 904317

DATE : DECEMBER 8, 1950

INSTRUMENT: WARRANTY DEED

GRANTOR : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

GRANTEE : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

FILE NO. : 256793

DATE : AUGUST 23, 1944

INSTRUMENT: WARRANTY DEED

GRANTOR : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

GRANTEE : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

FILE NO. : 701438

DATE : OCTOBER 6, 1938

INSTRUMENT: WARRANTY DEED

GRANTOR : C.R. BASTIAN

GRANTEE : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

FILE NO. : 152799

EASEMENTS : UTILITY EASEMENT.

ENVIRONMENTAL LIEN AND AUL SEARCH

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TANYA MACLEAN

TETRA TECH

17770 CARTWRIGHT ROAD, SUITE 500

IRVINE, CALIFORNIA 92614

PARCEL: 5044-002-009

TEXAS ENVIRONMENTAL RESEARCH

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ROCKWALL, TEXAS 75032

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LEGAL DESCRIPTION: PARCEL: 5044-002-009, TR=PARCEL MAP AS PER BK 82 P 29-30 OF P M LOT B, LOS ANGELES, CALIFORNIA.

CURRENT OWNER: GHALILI FAMILY TRUST.

DATE : SEPTEMBER 30, 1999

INSTRUMENT: WARRANTY DEED

GRANTOR : SOLEIMAN GHALILI AND WIFE, LOUISE GHALILI

GRANTEE : GHALILI FAMILY TRUST

FILE NO. : 721859

DATE : MAY 20, 1997

INSTRUMENT: WARRANTY DEED

GRANTOR : SOLEIMAN GHALILI, ET AL

GRANTEE : SOLEIMAN GHALILI AND WIFE, LOUISE GAHLILI

FILE NO. : 149268

DATE : JULY 25, 1977

INSTRUMENT: WARRANTY DEED

GRANTOR : CRENSHAW INDUSTRIAL CORPORATION

GRANTEE : SOLEIMAN GAHLILI, ET AL

FILE NO. : 680319

DATE : JANUARY 10, 1974

INSTRUMENT: WARRANTY DEED

GRANTOR : AAMES FUNDING CORPORATION

GRANTEE : CRENSHAW INDUSTRIAL CORPORATION

FILE NO. : 398615

DATE : NOVEMBER 29, 1972

INSTRUMENT: WARRANTY DEED

GRANTOR : LOUISE MARIE KINDER

GRANTEE : AAMES FUNDING CORPORATION

FILE NO. : 586293

DATE : MAY 17, 1961

INSTRUMENT: WARRANTY DEED

GRANTOR : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

GRANTEE : LOUISE MARIE KINDER

FILE NO. : 904317

DATE : DECEMBER 8, 1950

INSTRUMENT: WARRANTY DEED

GRANTOR : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

GRANTEE : DAVID F. DUVAL AND WIFE, IRENE B. DUVAL

FILE NO. : 256793

DATE : AUGUST 23, 1944

INSTRUMENT: WARRANTY DEED

GRANTOR : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

GRANTEE : ERNEST G. BOEHME AND WIFE, ARLENE Y. BOEHME

FILE NO. : 701438

DATE : OCTOBER 6, 1938

INSTRUMENT: WARRANTY DEED

GRANTOR : C.R. BASTIAN

GRANTEE : BENJAMIN R. WILLKENS AND WIFE, HEIDI C. WILLKENS

FILE NO. : 152799

EASEMENTS : UTILITY EASEMENT.

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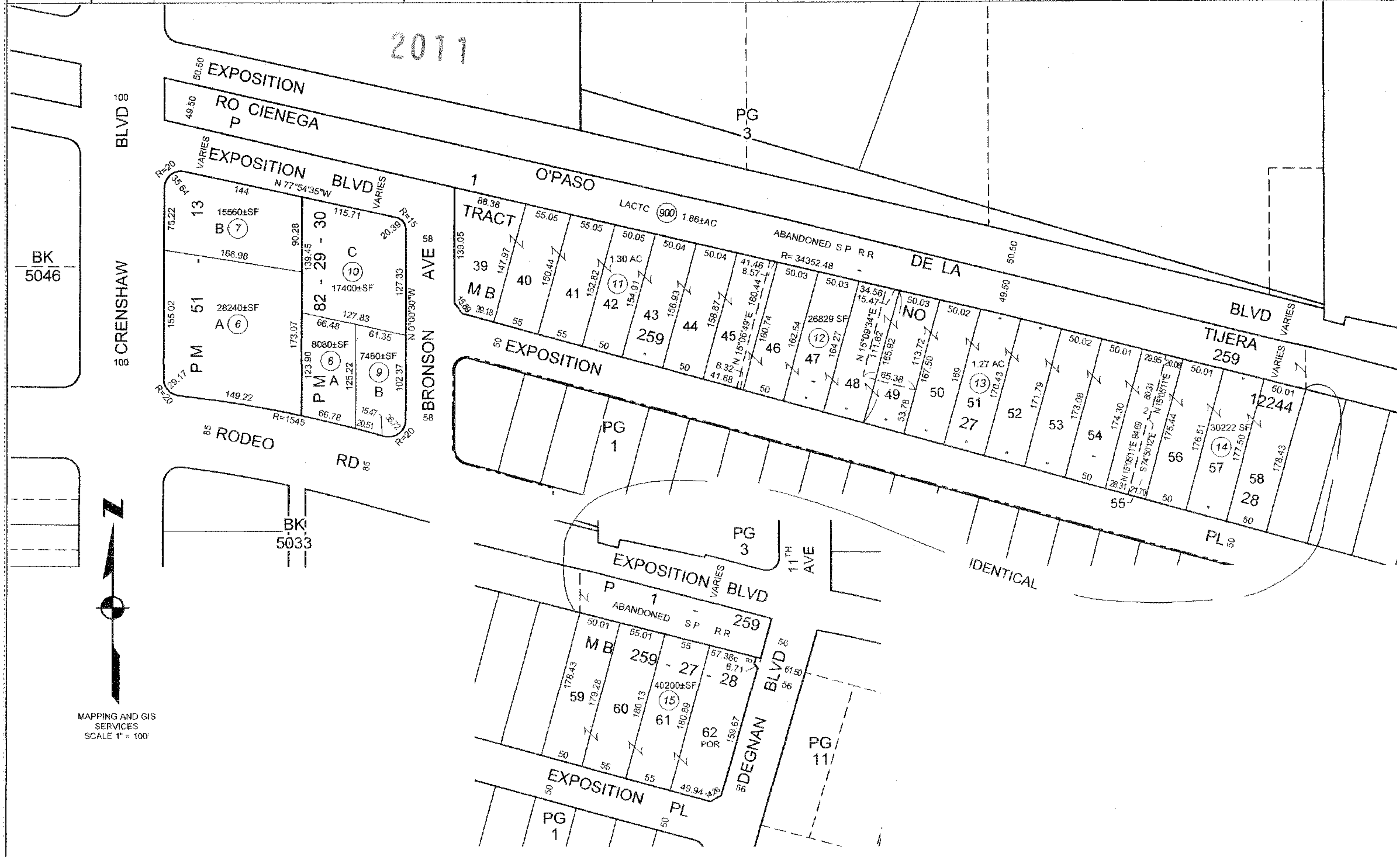
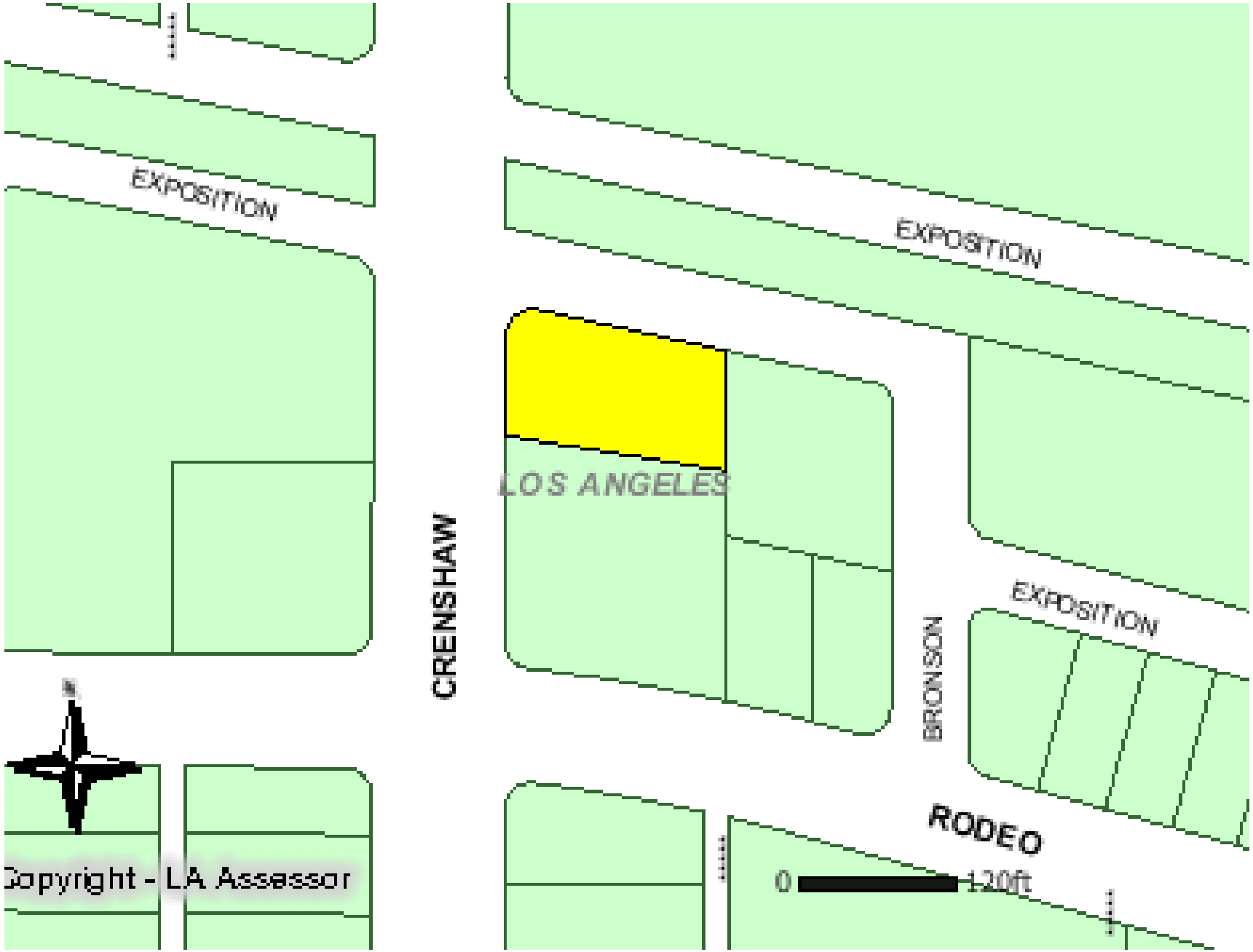
THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

5044	2 SHEET	P. A. 502 - 1 & 42 644 - 39	TRA 401	REVISED 2003071406002001-25 2010121402003001-25					SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002




EXPOSITION
EXPOSITION
LOS ANGELES
CRENSHAW
BRONSON
EXPOSITION
RODEO
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120ft
Copyright - LA Assessor

Records for this property are kept at the West District Office
("How frequently is the information updated on this site?" and other FAQs)

Property Information

Assessor's ID No.	5044-002-006
Site Address	3644 CRENSHAW BLVD LOS ANGELES CA 90016
Property Type	Commercial / Industrial
Region / Cluster	25 / 25650
Tax Rate Area (TRA)	00401

Click Here to View Assessor's Map

(Click Here to View Index Map)

Recent Sale Information

Latest Sale Date
Indicated Sale Price

Search for Recent Sales

2011 Roll Values

Recording Date	04/29/1999
Land	$518,669
Improvements	$583,503
Personal Property	$0
Fixtures	$0
Homeowners' Exemption	$0
Real Estate Exemption	$0
Personal Property Exemption	$0
Fixture Exemption	$0

Click Here for 2011 Annual Taxes

(I have a question regarding my property tax payment)

Estimate Supplemental Taxes

Property Boundary Description

PARCEL MAP AS PER BK 51 PG 13 OF P M LOT A

Building Description(s)

	Improvement 1
Square Footage	1,822
Year Built / Effective Year Built	1981 / 1981
Bedrooms / Bathrooms	0 / 0
Units	1

	Improvement 2
Square Footage	1,232
Year Built / Effective Year Built	1981 / 1981
Bedrooms / Bathrooms	0 / 0
Units	1

	Improvement 3
Square Footage	4,050
Year Built / Effective Year Built	1981 / 1981
Bedrooms / Bathrooms	0 / 0
Units	1

Click Here for Another Search

Records for this property are kept at the West District Office
("How frequently is the information updated on this site?" and other FAQs)

Property Information

Assessor's ID No.	5044-002-007
Site Address	3630 CRENSHAW BLVD LOS ANGELES CA 90016
Property Type	Commercial / Industrial
Region / Cluster	25 / 25650
Tax Rate Area (TRA)	00401

Click Here to View Assessor's Map

(Click Here to View Index Map)

Recent Sale Information

Latest Sale Date	
Indicated Sale Price	

Search for Recent Sales

2011 Roll Values

Recording Date	04/09/1984
Land	$351,970
Improvements	$158,540
Personal Property	$0
Fixtures	$0
Homeowners' Exemption	$0
Real Estate Exemption	$0
Personal Property Exemption	$0
Fixture Exemption	$0

Click Here for 2011 Annual Taxes

(I have a question regarding my property tax payment)

Estimate Supplemental Taxes

Property Boundary Description

PARCEL MAP AS PER BK 51 PG 13 OF P M LOT B

Building Description(s)

	Improvement 1
Square Footage	3,495
Year Built / Effective Year Built	1969 / 1969
Bedrooms / Bathrooms	0 / 0
Units	1

Click Here for Another Search

Records for this property are kept at the West District Office
("How frequently is the information updated on this site?" and other FAQs)

Property Information

Assessor's ID No.	5044-002-008
Site Address	3515 RODEO RD LOS ANGELES CA 90018
Property Type	Commercial / Industrial
Region / Cluster	25 / 25650
Tax Rate Area (TRA)	00401

Click Here to View Assessor's Map

(Click Here to View Index Map)

Recent Sale Information

Latest Sale Date
Indicated Sale Price

Search for Recent Sales

2011 Roll Values

Recording Date	09/30/1999
Land	$127,120
Improvements	$38,132
Personal Property	$0
Fixtures	$0
Homeowners' Exemption	$0
Real Estate Exemption	$0
Personal Property Exemption	$0
Fixture Exemption	$0

Click Here for 2011 Annual Taxes

(I have a question regarding my property tax payment)

Estimate Supplemental Taxes

Property Boundary Description

*TR=PARCEL MAP AS PER BK 82 P 29-30 OF P M LOT A

Building Description(s)

	Improvement 1
Square Footage	1,266
Year Built / Effective Year Built	1968 / 1968
Bedrooms / Bathrooms	0 / 0
Units	1

Click Here for Another Search

Records for this property are kept at the West District Office
("How frequently is the information updated on this site?" and other FAQs)

Property Information

Assessor's ID No.	5044-002-009
Site Address	No Address Available
Property Type	Commercial / Industrial
Region / Cluster	25 / 25650
Tax Rate Area (TRA)	00401

Click Here to View Assessor's Map

(Click Here to View Index Map)

Recent Sale Information

Latest Sale Date
Indicated Sale Price

Search for Recent Sales

2011 Roll Values

Recording Date	09/30/1999
Land	$119,494
Improvements	$1,264
Personal Property	$0
Fixtures	$0
Homeowners' Exemption	$0
Real Estate Exemption	$0
Personal Property Exemption	$0
Fixture Exemption	$0

Click Here for 2011 Annual Taxes

(I have a question regarding my property tax payment)

Estimate Supplemental Taxes

Property Boundary Description

*TR=PARCEL MAP AS PER BK 82 P 29-30 OF P M LOT B

Building Description(s)

	Improvement 1
Square Footage	7,100
Year Built / Effective Year Built	1968 / 1968
Bedrooms / Bathrooms	0 / 0
Units	0

Click Here for Another Search

Records for this property are kept at the West District Office
("How frequently is the information updated on this site?" and other FAQs)

Property Information

Assessor's ID No.	5044-002-010
Site Address	3510 EXPOSITION BLVD LOS ANGELES CA 90018
Property Type	Other
Region / Cluster	25 / 25650
Tax Rate Area (TRA)	00401

Click Here to View Assessor's Map

(Click Here to View Index Map)

Recent Sale Information

Latest Sale Date
Indicated Sale Price

Search for Recent Sales

2011 Roll Values

Recording Date	12/28/1983
Land	$283,001
Improvements	$202,142
Personal Property	$0
Fixtures	$0
Homeowners' Exemption	$0
Real Estate Exemption	$485,143
Personal Property Exemption	$0
Fixture Exemption	$0

Click Here for 2011 Annual Taxes

(I have a question regarding my property tax payment)

Estimate Supplemental Taxes

Property Boundary Description

*TR=PARCEL MAP AS PER BK 82 P 29-30 OF P M LOT C

Building Description(s)

	Improvement 1
Square Footage	6,359
Year Built / Effective Year Built	1972 / 1972
Bedrooms / Bathrooms	0 / 0
Units	0

Click Here for Another Search

City of Los Angeles
Department of City Planning

3/7/2012
PARCEL PROFILE REPORT

PROPERTY ADDRESSES
3642 S CRENSHAW BLVD
3644 S CRENSHAW BLVD
3646 S CRENSHAW BLVD
3519 W RODEO ROAD
3515 W RODEO ROAD

ZIP CODES
90018

RECENT ACTIVITY
None

CASE NUMBERS
CPC-2010-2278-GPA
CPC-2007-3827-ICO
CPC-2002-3854-SP
CPC-1999-2293-ICO
CPC-1995-80-CPR-ZC
CPC-1986-821-GPC
CPC-1983-506-SP
ORD-180103
ORD-173607
ORD-172913-SA910
ORD-171682
ORD-165481-SA4710
ORD-165481-SA4705
ORD-162128
ENV-2010-2279-CE
CFG-2000

Address/Legal Information	
PIN Number	120B185 1398
Lot/Parcel Area (Calculated)	28,231.9 (sq ft)
Thomas Brothers Grid	PAGE 673 - GRID E1
Assessor Parcel No. (APN)	5044002006
Tract	P M 2647
Map Reference	BK 51-13
Block	None
Lot	B
Arb (Lot Cut Reference)	None
Map Sheet	120B185
Jurisdictional Information	
Community Plan Area	West Adams - Baldwin Hills - Leimert
Area Planning Commission	South Los Angeles
Neighborhood Council	United Neighborhoods of the Historic Arlington Heights, West Adams, and Jef
Council District	CD 10 - Herb J. Wesson, Jr.
Census Tract #	2342.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[Q]C2-1
Zoning Information (ZI)	ZI-2374 Los Angeles State Enterprise Zone
	ZI-2174 Mid City Recovery Redevelopment Project
	ZI-2280 Mid City Recovery Redevelopment Project
	ZI-2412 Fast Food Establishments
General Plan Land Use	Community Commercial
General Plan Footnote(s)	Yes
Hillside Area (Zoning Code)	No
Baseline Hillside Ordinance	No
Baseline Mansionization Ordinance	No
Specific Plan Area	Crenshaw Corridor
	South Los Angeles Alcohol Sales
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
POD - Pedestrian Oriented Districts	None
CDO - Community Design Overlay	None
NSO - Neighborhood Stabilization Overlay	No
Streetscape	No
Sign District	No
Adaptive Reuse Incentive Area	None
CRA - Community Redevelopment Agency	Mid City Recovery Redevelopment Project
Central City Parking	No

Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5044002006
APN Area (Co. Public Works)*	0.659 (ac)
Use Code	1100 - Stores
Assessed Land Val.	$529,042
Assessed Improvement Val.	$595,173
Last Owner Change	04/29/99
Last Sale Amount	$9
Tax Rate Area	401
Deed Ref No. (City Clerk)	768157,9
	2047217
	2-312
	19840
	1256001-02
	1197786
	1197785
Building 1	
Year Built	1981
Building Class	D65A
Number of Units	1
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	1,822.0 (sq ft)
Building 2	
Year Built	1981
Building Class	D65A
Number of Units	1
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	1,232.0 (sq ft)
Building 3	
Year Built	1981
Building Class	D6B
Number of Units	1
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	4,050.0 (sq ft)
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No

Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Alquist-Priolo Fault Zone	No
Distance to Nearest Fault	2.73136 (km)
Landslide	No
Liquefaction	Yes
Economic Development Areas	
Business Improvement District	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	Los Angeles State Enterprise Zone
Targeted Neighborhood Initiative	None
Public Safety	
Police Information	
Bureau	South
Division / Station	Southwest
Reporting District	373
Fire Information	
Division	2
Batallion	18
District / Fire Station	34
Red Flag Restricted Parking	No

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2010-2278-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
Project Descriptions(s):	GENERAL PLAN AMENDMENT FOR EXISTING FAST FOOD INTERIM CONTROL ORDINANCE (ICO) TO CREATE A GENERAL PLANT FOOTNOTE FOR THE PROHIBITION OF CERTAIN PROJECTS.
Case Number:	CPC-2007-3827-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	ESTABLISHMENT OF AN ICO TO TEMPORARILY PROHIBIT THE ISSUANCE OF ALL PERMITS RELATED TO THE ESTABLISHMENT OF NEW FAST-FOOD RESTAURANTS LOCATED IN WHOLE OR IN PART WITHIN THE PROPOSED ICO BOUNDARY.
Case Number:	CPC-2002-3854-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	
Case Number:	CPC-1999-2293-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	INTERIM CONTROL ORDINANCE.
Case Number:	CPC-1995-80-CPR-ZC
Required Action(s):	CPR-COMMUNITY PLAN REVISION
	ZC-ZONE CHANGE
Project Descriptions(s):	Data Not Available
Case Number:	CPC-1986-821-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WEST ADAMS AREA - COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT
Case Number:	CPC-1983-506-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	Data Not Available
Case Number:	ENV-2010-2279-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	GENERAL PLAN AMENDMENT FOR EXISTING FAST FOOD INTERIM CONTROL ORDINANCE (ICO) TO CREATE A GENERAL PLANT FOOTNOTE FOR THE PROHIBITION OF CERTAIN PROJECTS.

DATA NOT AVAILABLE

ORD-180103

ORD-173607

ORD-172913-SA910

ORD-171682

ORD-165481-SA4710

ORD-165481-SA4705

ORD-162128

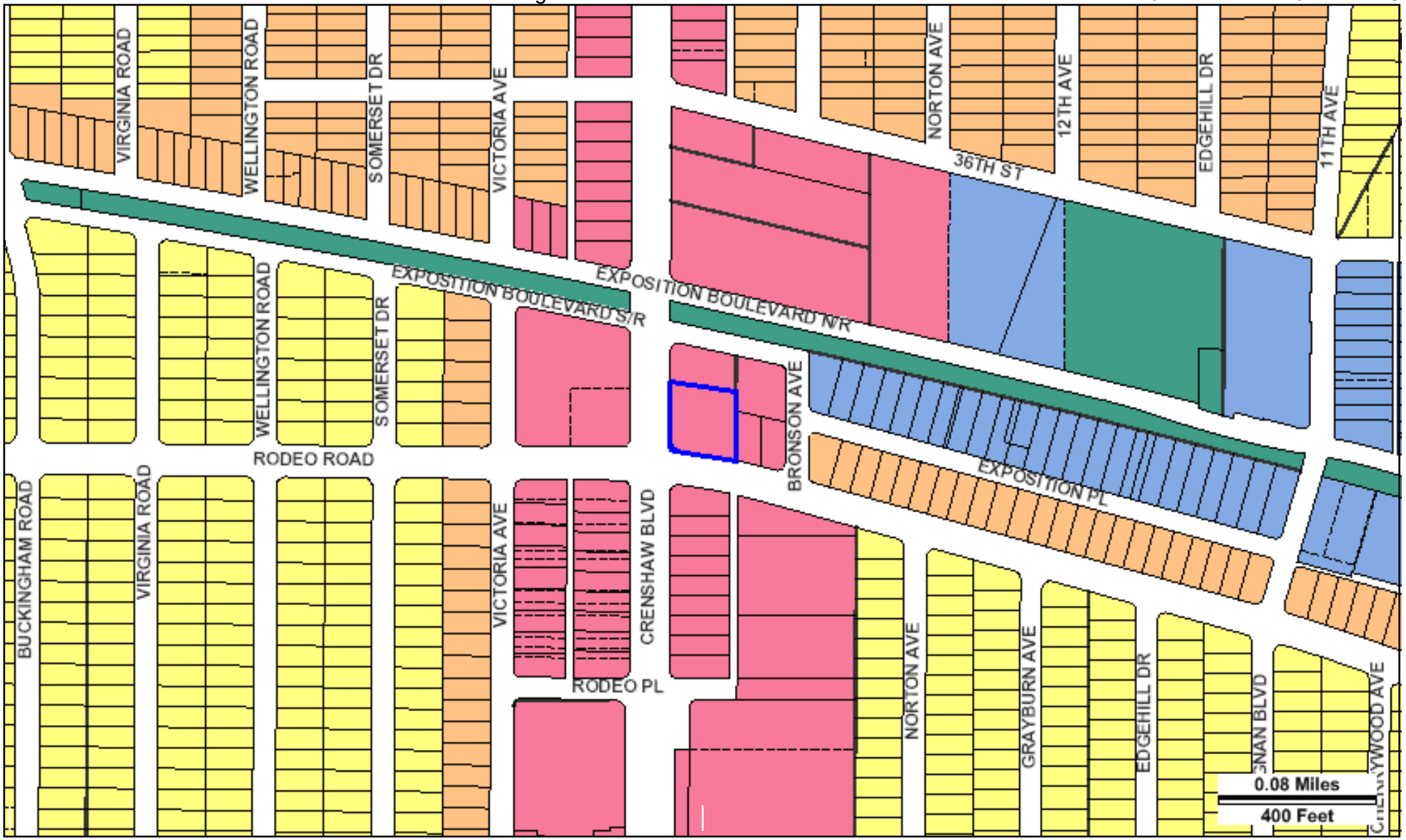
CFG-2000

ZIMAS PUBLIC

Generalized Zoning

03/07/2012

City of Los Angeles
Department of City Planning



Address: 3642 S CRENSHAW BLVD
APN: 5044002006
PIN #: 120B185 1398

Tract: P M 2647
Block: None
Lot: B
Arb: None

Zoning: [Q]C2-1
General Plan: Community Commercial

LEGEND

GENERALIZED ZONING

- OS
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, R4, R5
- CR, C1, C1.5, C2, C4, C5, CW, ADP, LASED, WC
- CM, MR, CCS, M1, M2, M3, SL
- P, PB
- PF
- HILLSIDE

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside
- Airport Airside
- Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- MTA / Metrolink Station
- MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- Public Elementary (Proposed Expansion)
- Public Elementary School
- Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- ★ Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- SM Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Charter School
- Child Care Centers
- Elementary School
- Golf Course
- High School
- Historic Sites
- Horticulture/Gardens
- Middle School
- Opportunity School
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Span School
- Special Education School
- Senior Citizen Centers
- Skate Parks

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Tract Map
- Parcel Map
- Lot Ties
- Building Outlines
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

3/7/2012
PARCEL PROFILE REPORT

PROPERTY ADDRESSES
3630 S CRENSHAW BLVD

ZIP CODES
90018

RECENT ACTIVITY
None

CASE NUMBERS
CPC-2002-3854-SP
CPC-1999-2293-ICO
CPC-1995-80-CPR-ZC
CPC-1986-821-GPC
CPC-1983-506-SP
ORD-173607
ORD-172913-SA910
ORD-171682
ORD-165481-SA4710
ORD-165481-SA4705
ORD-162128

Address/Legal Information	
PIN Number	120B185 1357
Lot/Parcel Area (Calculated)	15,556.2 (sq ft)
Thomas Brothers Grid	PAGE 673 - GRID E1
Assessor Parcel No. (APN)	5044002007
Tract	P M 2647
Map Reference	BK 51-13
Block	None
Lot	A
Arb (Lot Cut Reference)	None
Map Sheet	120B185
Jurisdictional Information	
Community Plan Area	West Adams - Baldwin Hills - Leimert
Area Planning Commission	South Los Angeles
Neighborhood Council	United Neighborhoods of the Historic Arlington Heights, West Adams, and Jef
Council District	CD 10 - Herb J. Wesson, Jr.
Census Tract #	2342.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[Q]C2-1
Zoning Information (ZI)	ZI-2374 Los Angeles State Enterprise Zone
	ZI-2174 Mid City Recovery Redevelopment Project
	ZI-2412 Fast Food Establishments
	ZI-2280 Mid City Recovery Redevelopment Project
General Plan Land Use	Community Commercial
General Plan Footnote(s)	Yes
Hillside Area (Zoning Code)	No
Baseline Hillside Ordinance	No
Baseline Mansionization Ordinance	No
Specific Plan Area	Crenshaw Corridor
	South Los Angeles Alcohol Sales
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
POD - Pedestrian Oriented Districts	None
CDO - Community Design Overlay	None
NSO - Neighborhood Stabilization Overlay	No
Streetscape	No
Sign District	No
Adaptive Reuse Incentive Area	None
CRA - Community Redevelopment Agency	Mid City Recovery Redevelopment Project
Central City Parking	No

Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5044002007
APN Area (Co. Public Works)*	0.359 (ac)
Use Code	2100 - Restaurant Lounge Tavern
Assessed Land Val.	$359,009
Assessed Improvement Val.	$161,710
Last Owner Change	04/09/84
Last Sale Amount	$70,000
Tax Rate Area	401
Deed Ref No. (City Clerk)	9-606
	425067-68
	2-312
Building 1	
Year Built	1969
Building Class	DX
Number of Units	1
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	3,495.0 (sq ft)
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Alquist-Priolo Fault Zone	No
Distance to Nearest Fault	2.75512 (km)
Landslide	No
Liquefaction	Yes
Economic Development Areas	
Business Improvement District	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	Los Angeles State Enterprise Zone
Targeted Neighborhood Initiative	None
Public Safety	
Police Information	
Bureau	South
Division / Station	Southwest

Reporting District	373
Fire Information	
Division	2
Batallion	18
District / Fire Station	34
Red Flag Restricted Parking	No

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2002-3854-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	
Case Number:	CPC-1999-2293-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	INTERIM CONTROL ORDINANCE.
Case Number:	CPC-1995-80-CPR-ZC
Required Action(s):	CPR-COMMUNITY PLAN REVISION
	ZC-ZONE CHANGE
Project Descriptions(s):	Data Not Available
Case Number:	CPC-1986-821-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WEST ADAMS AREA - COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT
Case Number:	CPC-1983-506-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-173607

ORD-172913-SA910

ORD-171682

ORD-165481-SA4710

ORD-165481-SA4705

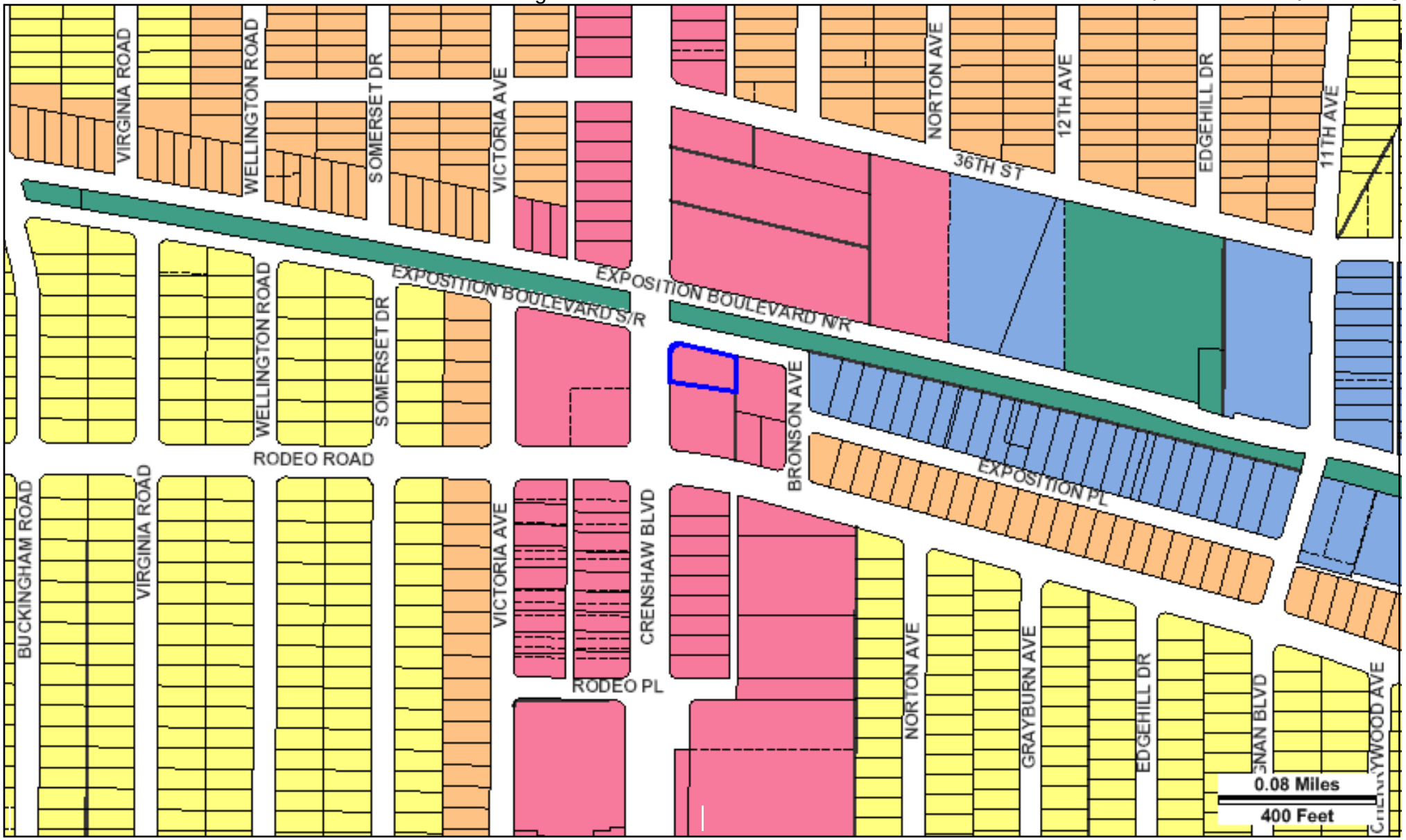
ORD-162128

ZIMAS PUBLIC

Generalized Zoning

03/07/2012

City of Los Angeles
Department of City Planning



Address: 3630 S CRENSHAW BLVD
APN: 5044002007
PIN #: 120B185 1357

Tract: P M 2647
Block: None
Lot: A
Arb: None

Zoning: [Q]C2-1
General Plan: Community Commercial

LEGEND

GENERALIZED ZONING

- OS
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, R4, R5
- CR, C1, C1.5, C2, C4, C5, CW, ADP, LASED, WC
- CM, MR, CCS, M1, M2, M3, SL
- P, PB
- PF
- HILLSIDE

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside
- Airport Airside
- Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- MTA / Metrolink Station
- MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- Public Elementary (Proposed Expansion)
- Public Elementary School
- Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- ★ Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- SM Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Charter School
- Child Care Centers
- Elementary School
- Golf Course
- High School
- Historic Sites
- Horticulture/Gardens
- Middle School
- Opportunity School
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Span School
- Special Education School
- Senior Citizen Centers
- Skate Parks

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Tract Map
- Parcel Map
- Lot Ties
- Building Outlines
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

3/7/2012
PARCEL PROFILE REPORT

PROPERTY ADDRESSES
3505 W RODEO ROAD

ZIP CODES
90018

RECENT ACTIVITY
None

CASE NUMBERS
CPC-2010-2278-GPA
CPC-2007-3827-ICO
CPC-2002-3854-SP
CPC-1999-2293-ICO
CPC-1995-80-CPR-ZC
CPC-1986-821-GPC
CPC-1983-506-SP
ORD-180103
ORD-173607
ORD-172913-SA910
ORD-171682
ORD-165481-SA4710
ORD-165481-SA4705
ORD-162128
ZA-7429
ENV-2010-2279-CE
ED-76-89-SUB

Address/Legal Information	
PIN Number	120B185 1432
Lot/Parcel Area (Calculated)	8,088.2 (sq ft)
Thomas Brothers Grid	PAGE 673 - GRID E1
Assessor Parcel No. (APN)	5044002008
Tract	P M 3210
Map Reference	BK 82-29/30
Block	None
Lot	A
Arb (Lot Cut Reference)	None
Map Sheet	120B185
Jurisdictional Information	
Community Plan Area	West Adams - Baldwin Hills - Leimert
Area Planning Commission	South Los Angeles
Neighborhood Council	United Neighborhoods of the Historic Arlington Heights, West Adams, and Jef
Council District	CD 10 - Herb J. Wesson, Jr.
Census Tract #	2342.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[Q]C2-1
Zoning Information (ZI)	ZI-2374 Los Angeles State Enterprise Zone
	ZI-2412 Fast Food Establishments
	ZI-2174 Mid City Recovery Redevelopment Project
	ZI-2280 Mid City Recovery Redevelopment Project
General Plan Land Use	Community Commercial
General Plan Footnote(s)	Yes
Hillside Area (Zoning Code)	No
Baseline Hillside Ordinance	No
Baseline Mansionization Ordinance	No
Specific Plan Area	Crenshaw Corridor
	South Los Angeles Alcohol Sales
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
POD - Pedestrian Oriented Districts	None
CDO - Community Design Overlay	None
NSO - Neighborhood Stabilization Overlay	No
Streetscape	No
Sign District	No
Adaptive Reuse Incentive Area	None
CRA - Community Redevelopment Agency	Mid City Recovery Redevelopment Project
Central City Parking	No

Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5044002008
APN Area (Co. Public Works)*	0.185 (ac)
Use Code	2100 - Restaurant Lounge Tavern
Assessed Land Val.	$129,662
Assessed Improvement Val.	$38,894
Last Owner Change	09/30/99
Last Sale Amount	$9
Tax Rate Area	401
Deed Ref No. (City Clerk)	768159
	752489
	2925
	2317
	1828
	0-866
Building 1	
Year Built	1968
Building Class	CX
Number of Units	1
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	1,266.0 (sq ft)
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Alquist-Priolo Fault Zone	No
Distance to Nearest Fault	2.76958 (km)
Landslide	No
Liquefaction	Yes
Economic Development Areas	
Business Improvement District	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	Los Angeles State Enterprise Zone
Targeted Neighborhood Initiative	None
Public Safety	

Police Information	
Bureau	South
Division / Station	Southwest
Reporting District	373
Fire Information	
Division	2
Batallion	18
District / Fire Station	34
Red Flag Restricted Parking	No

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2010-2278-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
Project Descriptions(s):	GENERAL PLAN AMENDMENT FOR EXISTING FAST FOOD INTERIM CONTROL ORDINANCE (ICO) TO CREATE A GENERAL PLANT FOOTNOTE FOR THE PROHIBITION OF CERTAIN PROJECTS.
Case Number:	CPC-2007-3827-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	ESTABLISHMENT OF AN ICO TO TEMPORARILY PROHIBIT THE ISSUANCE OF ALL PERMITS RELATED TO THE ESTABLISHMENT OF NEW FAST-FOOD RESTAURANTS LOCATED IN WHOLE OR IN PART WITHIN THE PROPOSED ICO BOUNDARY.
Case Number:	CPC-2002-3854-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	
Case Number:	CPC-1999-2293-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	INTERIM CONTROL ORDINANCE.
Case Number:	CPC-1995-80-CPR-ZC
Required Action(s):	CPR-COMMUNITY PLAN REVISION
	ZC-ZONE CHANGE
Project Descriptions(s):	Data Not Available
Case Number:	CPC-1986-821-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WEST ADAMS AREA - COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT
Case Number:	CPC-1983-506-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	Data Not Available
Case Number:	ENV-2010-2279-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	GENERAL PLAN AMENDMENT FOR EXISTING FAST FOOD INTERIM CONTROL ORDINANCE (ICO) TO CREATE A GENERAL PLANT FOOTNOTE FOR THE PROHIBITION OF CERTAIN PROJECTS.
Case Number:	ED-76-89-SUB
Required Action(s):	SUB-SUBDIVISIONS
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-180103

ORD-173607

ORD-172913-SA910

ORD-171682

ORD-165481-SA4710

ORD-165481-SA4705

ORD-162128

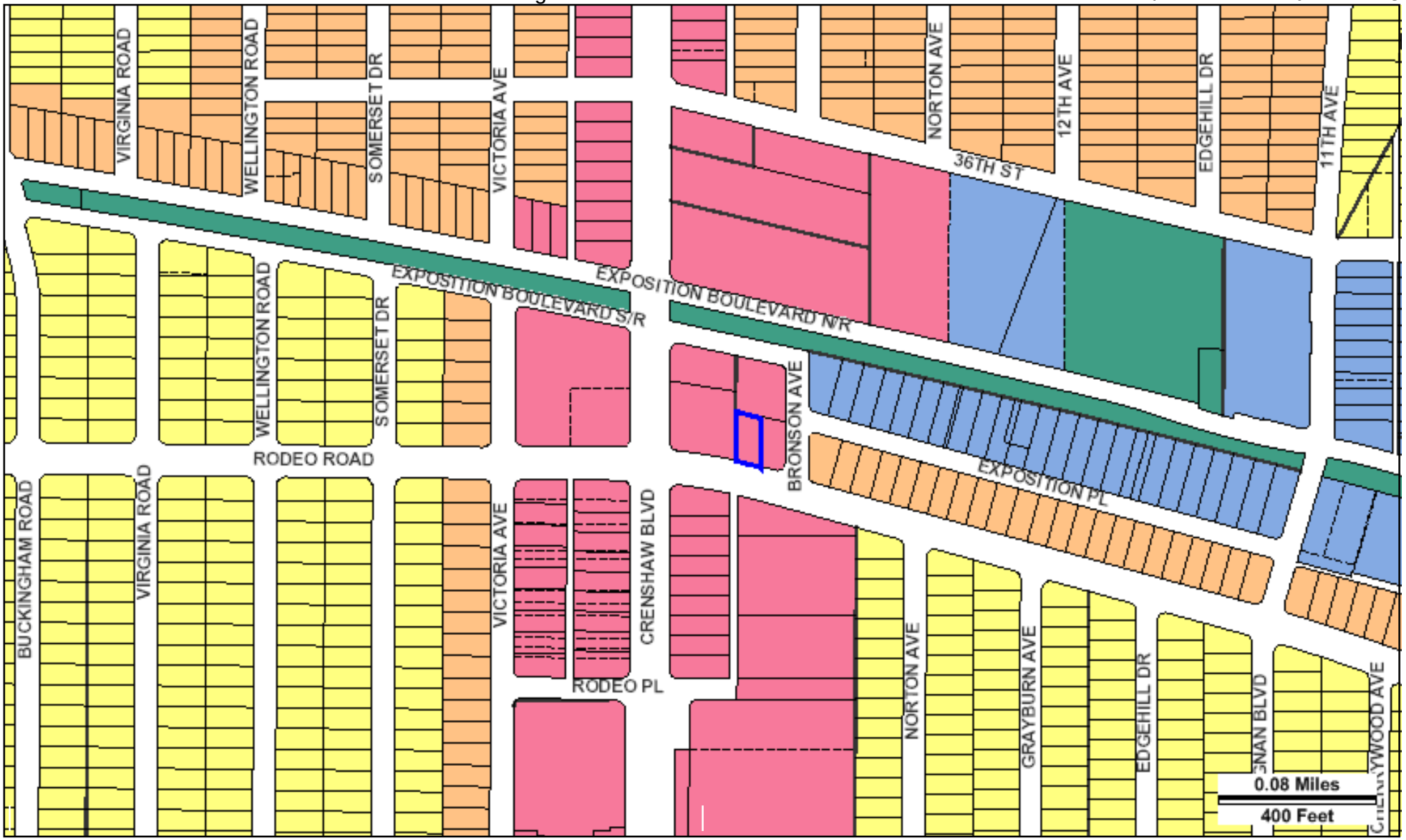
ZA-7429

ZIMAS PUBLIC

Generalized Zoning

03/07/2012

City of Los Angeles
Department of City Planning



Address: 3505 W RODEO ROAD
APN: 5044002008
PIN #: 120B185 1432

Tract: P M 3210
Block: None
Lot: A
Arb: None

Zoning: [Q]C2-1
General Plan: Community Commercial

LEGEND

GENERALIZED ZONING

- OS
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, R4, R5
- CR, C1, C1.5, C2, C4, C5, CW, ADP, LASED, WC
- CM, MR, CCS, M1, M2, M3, SL
- P, PB
- PF
- HILLSIDE

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside
- Airport Airside
- Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
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- Natural Resource Reserve
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- Park Road (Proposed)
- Quasi-Public
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- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
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- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
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- Cemetery
- HW Church
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- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
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- MTA / Metrolink Station
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- Maintenance Yard
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- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- Parking Enforcement
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- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
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- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
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- Private Golf Course (Proposed)
- JH Private Junior High School
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- SH Private Senior High School
- SF Private Special School
- Public Elementary (Proposed Expansion)
- Public Elementary School
- Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- ★ Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
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- SM Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Charter School
- Child Care Centers
- Elementary School
- Golf Course
- High School
- Historic Sites
- Horticulture/Gardens
- Middle School
- Opportunity School
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Span School
- Special Education School
- Senior Citizen Centers
- Skate Parks

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Tract Map
- Parcel Map
- Lot Ties
- Building Outlines
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

3/7/2012
PARCEL PROFILE REPORT

PROPERTY ADDRESSES
3635 S BRONSON AVE
3639 S BRONSON AVE
3645 S BRONSON AVE
3501 W RODEO ROAD

ZIP CODES
90018

RECENT ACTIVITY
None

CASE NUMBERS
CPC-2010-2278-GPA
CPC-2007-3827-ICO
CPC-2002-3854-SP
CPC-1999-2293-ICO
CPC-1995-80-CPR-ZC
CPC-1986-821-GPC
CPC-1983-506-SP
ORD-180103
ORD-173607
ORD-172913-SA910
ORD-171682
ORD-165481-SA4710
ORD-165481-SA4705
ORD-162128
ZA-7429
ENV-2010-2279-CE
ED-76-89-SUB

Address/Legal Information	
PIN Number	120B185 1435
Lot/Parcel Area (Calculated)	7,450.3 (sq ft)
Thomas Brothers Grid	PAGE 673 - GRID E1
Assessor Parcel No. (APN)	5044002009
Tract	P M 3210
Map Reference	BK 82-29/30
Block	None
Lot	B
Arb (Lot Cut Reference)	None
Map Sheet	120B185
Jurisdictional Information	
Community Plan Area	West Adams - Baldwin Hills - Leimert
Area Planning Commission	South Los Angeles
Neighborhood Council	United Neighborhoods of the Historic Arlington Heights, West Adams, and Jef
Council District	CD 10 - Herb J. Wesson, Jr.
Census Tract #	2342.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[Q]C2-1
Zoning Information (ZI)	ZI-2374 Los Angeles State Enterprise Zone
	ZI-2412 Fast Food Establishments
	ZI-2174 Mid City Recovery Redevelopment Project
	ZI-2280 Mid City Recovery Redevelopment Project
General Plan Land Use	Community Commercial
General Plan Footnote(s)	Yes
Hillside Area (Zoning Code)	No
Baseline Hillside Ordinance	No
Baseline Mansionization Ordinance	No
Specific Plan Area	Crenshaw Corridor
	South Los Angeles Alcohol Sales
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
POD - Pedestrian Oriented Districts	None
CDO - Community Design Overlay	None
NSO - Neighborhood Stabilization Overlay	No
Streetscape	No
Sign District	No
Adaptive Reuse Incentive Area	None
CRA - Community Redevelopment Agency	Mid City Recovery Redevelopment Project
Central City Parking	No

Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5044002009
APN Area (Co. Public Works)*	0.171 (ac)
Use Code	2700 - Parking Lot (Patron or Employee)
Assessed Land Val.	$121,883
Assessed Improvement Val.	$1,289
Last Owner Change	09/30/99
Last Sale Amount	$9
Tax Rate Area	401
Deed Ref No. (City Clerk)	768159
	752489
	576547-48
	2925
	2317
	1828
	0-866
Building 1	
Year Built	1968
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	7,100.0 (sq ft)
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Alquist-Priolo Fault Zone	No
Distance to Nearest Fault	2.78464 (km)
Landslide	No
Liquefaction	Yes
Economic Development Areas	
Business Improvement District	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	Los Angeles State Enterprise Zone
Targeted Neighborhood Initiative	None
Public Safety	

Police Information	
Bureau	South
Division / Station	Southwest
Reporting District	373
Fire Information	
Division	2
Batallion	18
District / Fire Station	34
Red Flag Restricted Parking	No

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2010-2278-GPA
Required Action(s):	GPA-GENERAL PLAN AMENDMENT
Project Descriptions(s):	GENERAL PLAN AMENDMENT FOR EXISTING FAST FOOD INTERIM CONTROL ORDINANCE (ICO) TO CREATE A GENERAL PLANT FOOTNOTE FOR THE PROHIBITION OF CERTAIN PROJECTS.
Case Number:	CPC-2007-3827-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	ESTABLISHMENT OF AN ICO TO TEMPORARILY PROHIBIT THE ISSUANCE OF ALL PERMITS RELATED TO THE ESTABLISHMENT OF NEW FAST-FOOD RESTAURANTS LOCATED IN WHOLE OR IN PART WITHIN THE PROPOSED ICO BOUNDARY.
Case Number:	CPC-2002-3854-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	
Case Number:	CPC-1999-2293-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	INTERIM CONTROL ORDINANCE.
Case Number:	CPC-1995-80-CPR-ZC
Required Action(s):	CPR-COMMUNITY PLAN REVISION
	ZC-ZONE CHANGE
Project Descriptions(s):	Data Not Available
Case Number:	CPC-1986-821-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WEST ADAMS AREA - COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT
Case Number:	CPC-1983-506-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	Data Not Available
Case Number:	ENV-2010-2279-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	GENERAL PLAN AMENDMENT FOR EXISTING FAST FOOD INTERIM CONTROL ORDINANCE (ICO) TO CREATE A GENERAL PLANT FOOTNOTE FOR THE PROHIBITION OF CERTAIN PROJECTS.
Case Number:	ED-76-89-SUB
Required Action(s):	SUB-SUBDIVISIONS
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-180103

ORD-173607

ORD-172913-SA910

ORD-171682

ORD-165481-SA4710

ORD-165481-SA4705

ORD-162128

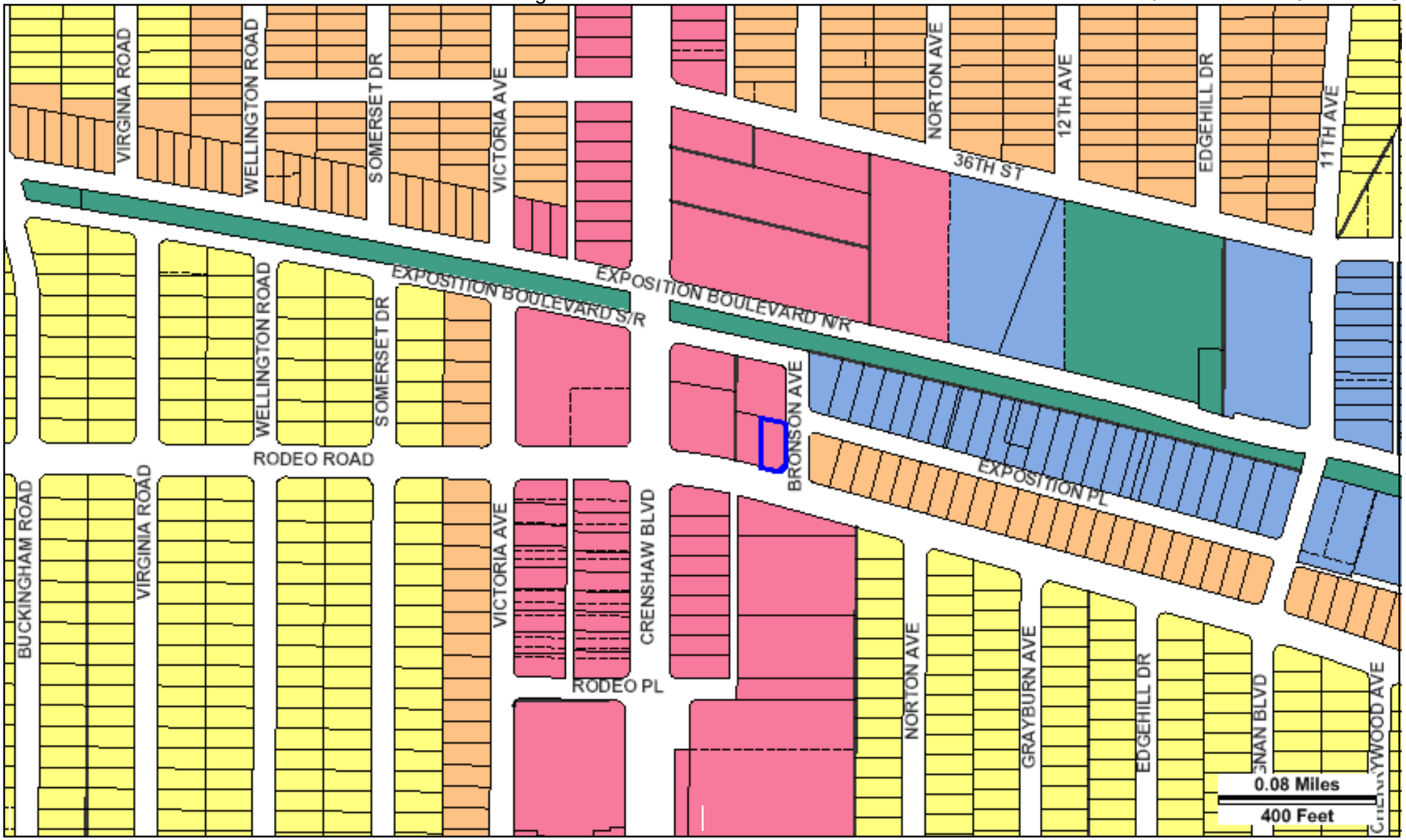
ZA-7429

ZIMAS PUBLIC

Generalized Zoning

03/07/2012

City of Los Angeles
Department of City Planning



Address: 3635 S BRONSON AVE
APN: 5044002009
PIN #: 120B185 1435

Tract: P M 3210
Block: None
Lot: B
Arb: None

Zoning: [Q]C2-1
General Plan: Community Commercial

LEGEND

GENERALIZED ZONING

- OS
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, R4, R5
- CR, C1, C1.5, C2, C4, C5, CW, ADP, LASED, WC
- CM, MR, CCS, M1, M2, M3, SL
- P, PB
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- HILLSIDE

GENERAL PLAN LAND USE

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RESIDENTIAL

- Minimum Residential
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- Commercial Manufacturing
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- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
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- Airport Landside
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OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
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- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Oil Wells

City of Los Angeles
Department of City Planning

3/7/2012
PARCEL PROFILE REPORT

PROPERTY ADDRESSES
3510 W EXPOSITION BLVD
3502 W EXPOSITION BLVD
3631 S BRONSON AVE
3633 S BRONSON AVE

ZIP CODES
90018

RECENT ACTIVITY
None

CASE NUMBERS
CPC-2002-3854-SP
CPC-1999-2293-ICO
CPC-1995-80-CPR-ZC
CPC-1986-821-GPC
CPC-1983-506-SP
ORD-173607
ORD-172913-SA910
ORD-171682
ORD-165481-SA4710
ORD-162128
ED-76-89-SUB

Address/Legal Information	
PIN Number	120B185 1367
Lot/Parcel Area (Calculated)	17,408.1 (sq ft)
Thomas Brothers Grid	PAGE 673 - GRID E1
Assessor Parcel No. (APN)	5044002010
Tract	P M 3210
Map Reference	BK 82-29/30
Block	None
Lot	C
Arb (Lot Cut Reference)	None
Map Sheet	120B185
Jurisdictional Information	
Community Plan Area	West Adams - Baldwin Hills - Leimert
Area Planning Commission	South Los Angeles
Neighborhood Council	United Neighborhoods of the Historic Arlington Heights, West Adams, and Jef
Council District	CD 10 - Herb J. Wesson, Jr.
Census Tract #	2342.00
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	[Q]C2-1
Zoning Information (ZI)	ZI-2374 Los Angeles State Enterprise Zone
	ZI-2174 Mid City Recovery Redevelopment Project
	ZI-2280 Mid City Recovery Redevelopment Project
	ZI-2412 Fast Food Establishments
General Plan Land Use	Community Commercial
General Plan Footnote(s)	Yes
Hillside Area (Zoning Code)	No
Baseline Hillside Ordinance	No
Baseline Mansionization Ordinance	No
Specific Plan Area	Crenshaw Corridor
	South Los Angeles Alcohol Sales
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
POD - Pedestrian Oriented Districts	None
CDO - Community Design Overlay	None
NSO - Neighborhood Stabilization Overlay	No
Streetscape	No
Sign District	No
Adaptive Reuse Incentive Area	None
CRA - Community Redevelopment Agency	Mid City Recovery Redevelopment Project
Central City Parking	No

Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5044002010
APN Area (Co. Public Works)*	0.399 (ac)
Use Code	7200 - Private School
Assessed Land Val.	$288,661
Assessed Improvement Val.	$206,184
Last Owner Change	12/28/83
Last Sale Amount	$240,002
Tax Rate Area	401
Deed Ref No. (City Clerk)	302194
	1535748
	0-866
Building 1	
Year Built	1972
Building Class	CX
Number of Units	0
Number of Bedrooms	0
Number of Bathrooms	0
Building Square Footage	6,359.0 (sq ft)
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Oil Wells	None
Alquist-Priolo Fault Zone	No
Distance to Nearest Fault	2.78795 (km)
Landslide	No
Liquefaction	Yes
Economic Development Areas	
Business Improvement District	None
Renewal Community	No
Revitalization Zone	Central City
State Enterprise Zone	Los Angeles State Enterprise Zone
Targeted Neighborhood Initiative	None
Public Safety	
Police Information	
Bureau	South
Division / Station	Southwest

Reporting District	373
Fire Information	
Division	2
Batallion	18
District / Fire Station	34
Red Flag Restricted Parking	No

CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2002-3854-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	
Case Number:	CPC-1999-2293-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	INTERIM CONTROL ORDINANCE.
Case Number:	CPC-1995-80-CPR-ZC
Required Action(s):	CPR-COMMUNITY PLAN REVISION
	ZC-ZONE CHANGE
Project Descriptions(s):	Data Not Available
Case Number:	CPC-1986-821-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WEST ADAMS AREA - COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT
Case Number:	CPC-1983-506-SP
Required Action(s):	SP-SPECIFIC PLAN (INCLUDING AMENDMENTS)
Project Descriptions(s):	Data Not Available
Case Number:	ED-76-89-SUB
Required Action(s):	SUB-SUBDIVISIONS
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-173607

ORD-172913-SA910

ORD-171682

ORD-165481-SA4710

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Generalized Zoning

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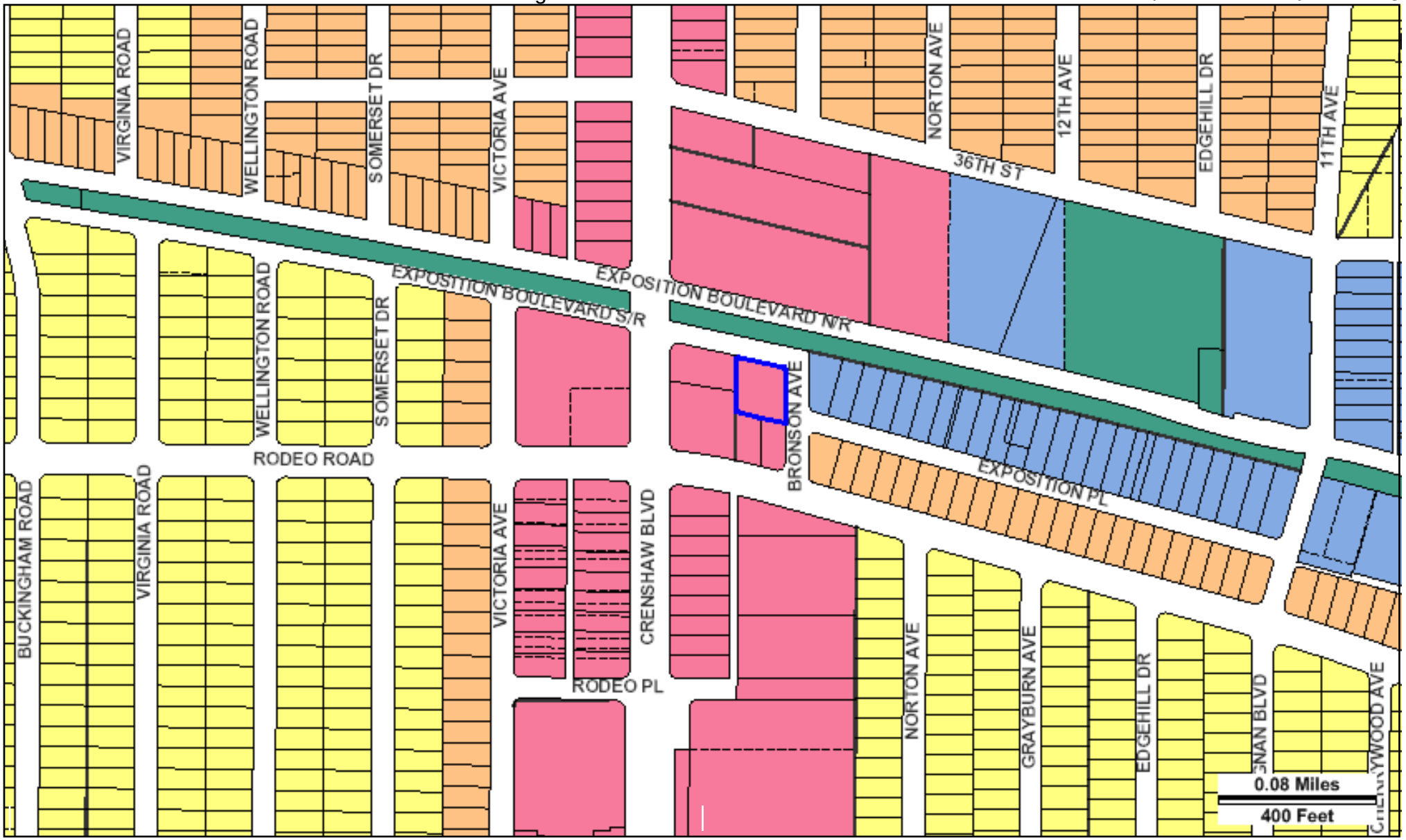

Address: 3510 W EXPOSITION BLVD
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PIN #: 120B185 1367

Tract: P M 3210
Block: None
Lot: C
Arb: None

Zoning: [Q]C2-1
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LEGEND

GENERALIZED ZONING

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- CR, C1, C1.5, C2, C4, C5, CW, ADP, LASED, WC
- CM, MR, CCS, M1, M2, M3, SL
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GENERAL PLAN LAND USE

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- Oil Wells

Coastal Plain of Los Angeles Groundwater Basin, Central Subbasin

- Groundwater Basin Number: 4-11.04
- County: Los Angeles
- Surface Area: 177,000 acres (277 square miles)

Basin Boundaries and Hydrology

The Central Subbasin occupies a large portion of the southeastern part of the Coastal Plain of Los Angeles Groundwater Basin. This subbasin is commonly referred to as the "Central Basin" and is bounded on the north by a surface divide called the La Brea high, and on the northeast and east by emergent less permeable Tertiary rocks of the Elysian, Repetto, Merced and Puente Hills. The southeast boundary between Central Basin and Orange County Groundwater Basin roughly follows Coyote Creek, which is a regional drainage province boundary. The southwest boundary is formed by the Newport Inglewood fault system and the associated folded rocks of the Newport Inglewood uplift. The Los Angeles and San Gabriel Rivers drain inland basins and pass across the surface of the Central Basin on their way to the Pacific Ocean. Average precipitation throughout the subbasin ranges from 11 to 13 inches with an average of around 12 inches.

Hydrogeologic Information

Water Bearing Formations

Throughout the Central Basin, groundwater occurs in Holocene and Pleistocene age sediments at relatively shallow depths. The Central Basin is historically divided into forebay and pressure areas. The Los Angeles forebay is located in the northern part of the Central Basin where the Los Angeles River enters the Central Basin through the Los Angeles Narrows from the San Fernando Groundwater Basin. The Montebello forebay extends southward from the Whittier Narrows where the San Gabriel River encounters the Central Basin and is the most important area of recharge in the subbasin. Both forebays have unconfined groundwater conditions and relatively interconnected aquifers that extend up to 1,600 feet deep to provide recharge to the aquifer system of this subbasin (DWR 1961). The Whittier area extends from the Puente Hills south and southwest to the axis of the Santa Fe Springs-Coyote Hills uplift and contains up to 1,000 feet of freshwater-bearing sediments. The Central Basin pressure area is the largest of the four divisions, and contains many aquifers of permeable sands and gravels separated by semi-permeable to impermeable sandy clay to clay, that extend to about 2,200 feet below the surface (DWR 1961). The estimated average specific yield of these sediments is around 18 percent. Throughout much of the subbasin, the aquifers are confined, but areas with semi-permeable aquicludes allow some interaction between the aquifers (DWR 1961).

The main productive freshwater-bearing sediments are contained within Holocene alluvium and the Pleistocene Lakewood and San Pedro Formations (DWR 1961). Throughout most of the subbasin, the near surface Bellflower aquiclude restricts vertical percolation into the Holocene age Gaspur aquifer and other underlying aquifers, and creates local semi-perched groundwater

conditions. The main additional productive aquifers in the subbasin are the Gardena and Gage aquifers within the Lakewood Formation and the Silverado, Lynwood and Sunnyside aquifers within the San Pedro Formation (DWR 1961). Specific yield of deposits in this subbasin range up to 23 percent in the Montebello forebay, 29 percent in the Los Angeles forebay, and 37 percent in the Central Basin pressure area (DWR 1961). Historically, groundwater flow in the Central Basin has been from recharge areas in the northeast part of the subbasin, toward the Pacific Ocean on the southwest. However, pumping has lowered the water level in the Central Basin and water levels in some aquifers are about equal on both sides of the Newport-Inglewood uplift, decreasing subsurface outflow to the West Coast Subbasin (DWR 1961).

There are several principal aquifers/aquicludes present in this subbasin.

Aquifers/ Aquiclude	Age	Formation	Lithology	Maximum Thickness (feet)
Gaspur	Holocene		Coarse sand, gravel	120
Semiperched	Holocene		Sand, gravel	60
Bellflower	Pleistocene	Lakewood Formation	Clay, sandy clay	140
Gardena	Pleistocene	Lakewood Formation	Sand, gravel	160
Gage			Sand	120
Silverado	Lower Pleistocene	San Pedro Formation	Sandy gravel	300
Lynwood			Coarse sand and gravel	150
Sunnyside				350

Restrictive Structures

Many faults, folds and uplifted basement areas affect the water-bearing rocks in the Central Basin. Most of these structures form minor restrictions to groundwater flow in the subbasin. The strongest effect on groundwater occurs along the southwest boundary to the Central Subbasin. The faults and folds of the Newport – Inglewood uplift are partial barriers to movement of groundwater from the Central Basin to the West Coast Basin (DWR 1961). The La Brea high is a system of folded, uplifted and eroded Tertiary basement rocks. Because the San Pedro Formation is eroded from this area, subsurface flow southward from the Hollywood Basin is restricted to the Lakewood formation (DWR 1961). The Whittier Narrows is an eroded gap through the Merced and Puente Hills that provides both surface and subsurface inflow to the Central Basin (DWR 1961). The Rio Hondo, Pico, and Cemetery faults are northeast-trending faults that project into the gap and displace aquifers. The trend of these faults parallels the local groundwater flow and do not act as significant barriers to groundwater flow (DWR 1961).

Recharge Areas

Groundwater enters the Central Basin through surface and subsurface flow and by direct percolation of precipitation, stream flow, and applied water; and replenishes the aquifers dominantly in the forebay areas where permeable sediments are exposed at ground surface (DWR 1961). Natural replenishment of the subbasin's groundwater supply is largely from surface inflow through Whittier Narrows (and some underflow) from the San Gabriel Valley. Percolation into the Los Angeles Forebay Area is restricted due to paving and development of the surface of the forebay. Imported water purchased from Metropolitan Water District and recycled water from Whittier and San Jose Treatment Plants are used for artificial recharge in the Montebello Forebay at the Rio Hondo and San Gabriel River spreading grounds (DWR 1999). Saltwater intrusion is a problem in areas where recent or active river systems have eroded through the Newport Inglewood uplift. A mound of water to form a barrier is formed by injection of water in wells along the Alamitos Gap (DWR 1999).

Groundwater Level Trends

Water levels varied over a range of about 25 feet between 1961 and 1977 and have varied through a range of about 5 to 10 feet since 1996. Most water wells show levels in 1999 that are in the upper portion of their recent historical range.

Groundwater Storage

Groundwater Storage Capacity. Total storage capacity of the Central Basin is 13,800,000 (DWR 1961).

Groundwater in Storage.

Groundwater Budget (Type A)

A complete water budget could not be constructed due to the lack of data available. Recharge to the subbasin is accomplished through both natural and artificial recharge. The Watermaster reported natural recharge for the subbasin to be 31,950 af and artificial recharge to be 63,688 af for 1998 (DWR 1999). Additionally, the subbasin receives 27,000 af/yr of water through the Whittier Narrows from the San Gabriel Valley Basin in the form of subsurface flow (SWRB 1952). Urban extractions for the subbasin were 204,335 af in 1998 (DWR 1999).

Groundwater Quality

Characterization. TDS content in the subbasin ranges from 200 to 2,500 mg/l according to data from 293 public supply wells. The average for these 293 wells is 453 mg/l.

I

Impairments.

Water Quality in Public Supply Wells

Constituent Group[1]	Number of wells sampled[2]	Number of wells with a concentration above an MCL[3]
Inorganics – Primary	316	15
Radiological	315	1
Nitrates	315	2
Pesticides	322	0
VOCs and SVOCs	344	43
Inorganics – Secondary	316	113

[1] A description of each member in the constituent groups and a generalized discussion of the relevance of these groups are included in *California's Groundwater – Bulletin 118* by DWR (2003).
[2] Represents distinct number of wells sampled as required under DHS Title 22 program from 1994 through 2000.
[3] Each well reported with a concentration above an MCL was confirmed with a second detection above an MCL. This information is intended as an indicator of the types of activities that cause contamination in a given basin. It represents the water quality at the sample location. It does not indicate the water quality delivered to the consumer. More detailed drinking water quality information can be obtained from the local water purveyor and its annual Consumer Confidence Report.

Well Production characteristics

	Well yields (gal/min)
Municipal/Irrigation	
	Total depths (ft)
Domestic	
Municipal/Irrigation	

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
USGS	Groundwater levels	90
DWR	Groundwater levels	87
Los Angeles County Public Works	Groundwater levels	212 / Bi-monthly
USGS	Miscellaneous water quality	64
Department of Health Services and cooperators	Title 22 water quality	294

Basin Management

Groundwater management:	Central Basin was adjudicated in 1965, and the Department of Water Resources was appointed Watermaster. Every month extractions are reported to the Watermaster by each individual pumper. This allows the Watermaster to regulate the water rights of the subbasin. (DWR 1999)
Water agencies	
Public	City of Bellflower, Bellflower-Somerset MWC, City of Compton, City of Huntington Park, City of Long Beach, City of Los Angeles DWP, City of Montebello, City of Paramount, City of Pico Rivera, City of Santa Fe Springs, Sativa LA County WD, City of Signal Hill, South Montebello ID, City of South Gate, City of Vernon, City of Whittier. (DWR 1999)
Private	California-American Water Company, Montebello Land and Water Company, Bellflower Home Garden Water Co., California Water Service, Lynwood Park MWC, Maywood MWC, Park Water Company, Pearless Water Company, San Gabriel Valley Water Company, Southern California Water Company, Tract No. 180 Water Company, Tract 349 MWC, Western Water Company.(DWR 1999)

References Cited

California Department of Water Resources (DWR). 1961. Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County. Bulletin No. 104.

____, Southern District. 1999. Watermaster Service in the Central Basin, Los Angeles County, July 1, 1998 – June 30, 1999.

California State Water Resources Board (SWRB). 1952. Central Basin Investigation. Bulletin No. 8.

Additional References

United States Geological Survey (USGS). 2000. *Analysis of the Geohydrology and Water-management Issues of the Central and West Basins, Los Angeles County, California.* Internet Web Site: http://water.wr.usgs.gov/projects00/ca512.html.

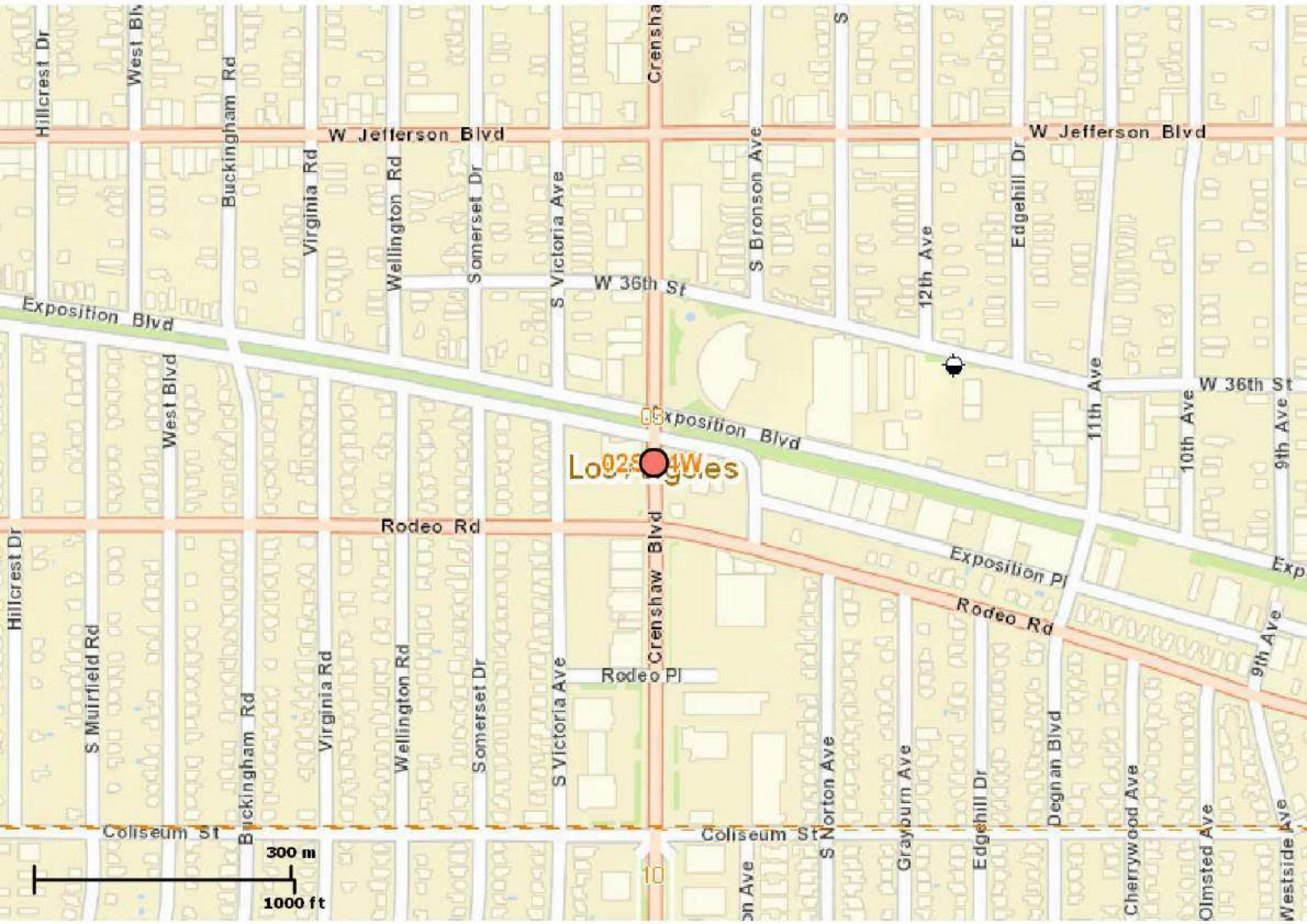
Water Replenishment District of Southern California. 2000. *Annual Report on Results of Water Quality Monitoring Water Year 1998-1999.*

____. 2000. *Engineering Survey and Report.*

Errata

Changes made to the basin description will be noted here.

DOGGR Online Mapping System (DOMS)



For further information or suggestions regarding the data on this site, please contact the Division of Oil, Gas, and Geothermal Resources, Technical Services Unit at 801 K St, MS 20-20, Sacramento, CA, 95814 or email doggrwebmaster@conservation.ca.gov.

California Department of Conservation, Division of Oil, Gas and Geothermal Resources.

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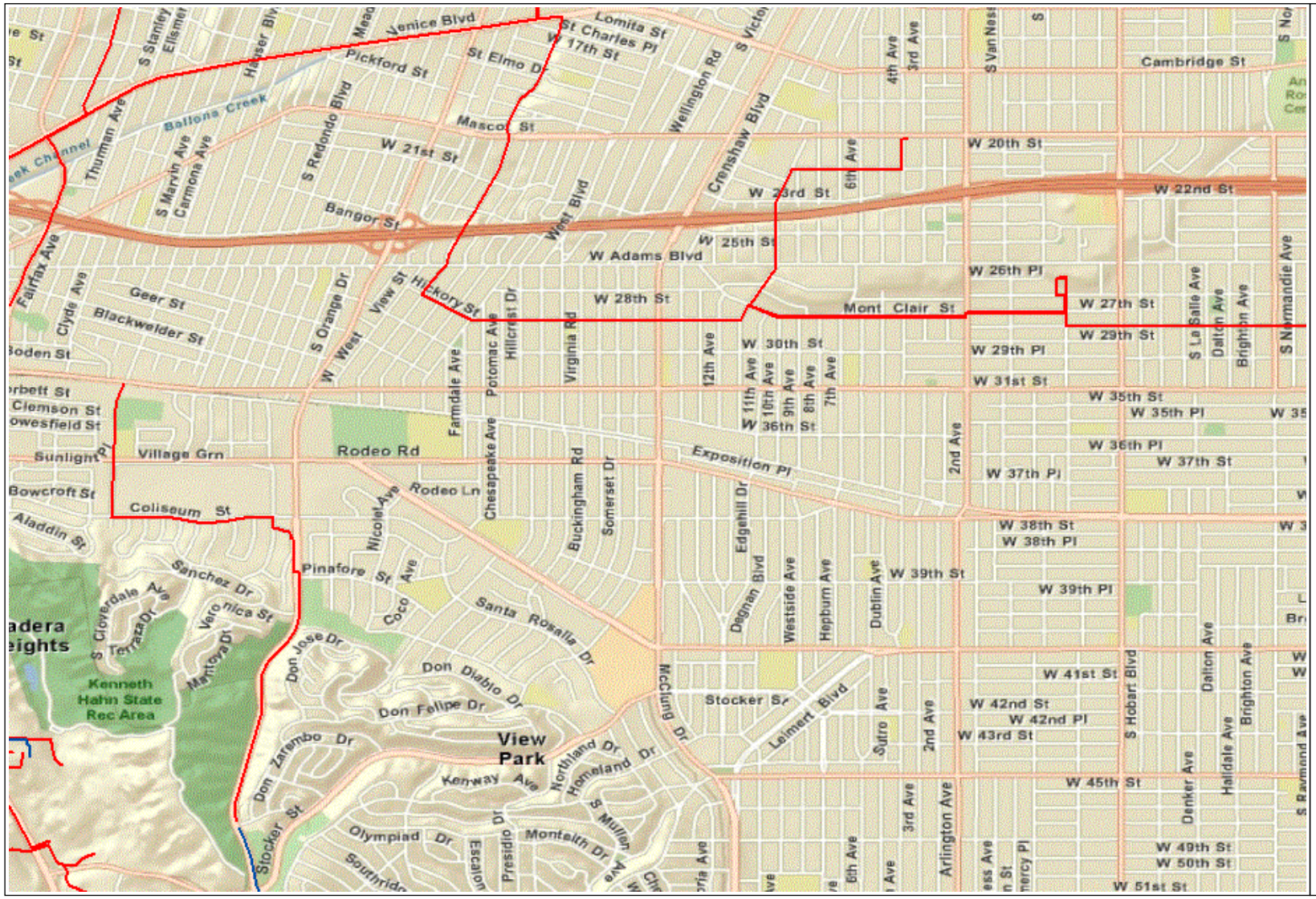
Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

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Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
14170	20TH CENTURY PLASTICS INC	3628 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
24067	A.P.T. MEDICAL TRANS	3773 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
116554	AL'S WESTSIDE 1/ALBERT K. MORITA	3412 CRENSHAW , LOS ANGELES, CA 90016			ACTIVE
31204	ARCO DLR, ALBERT K MORITA	3412 CRENSHAW BLVD , LOS ANGELES, CA 90016			
64239	BURGER KING	5850 CRENSHAW BOULEVARD , LOS ANGELES, CA 90016			
64278	BURGER KING	3036 CRENSHAW BLVD , LOS ANGELES, CA 90016			
64237	BURGER KING 1630 FASTAURANTS INC	3036 CRENSHAW BOULEVARD , LOS ANGELES, CA 90016			ACTIVE
121353	CAMEO CLEANERS, FRED NIK DBA	3650 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
93144	CHEVRON DLR I MEKHAIL, #9-0485	3063 CRENSHAW BLVD , LOS ANGELES, CA 90016			
45741	CHEVRON DLR, BYUNG SANG OH	3063 CRENSHAW BLVD , LOS ANGELES, CA 90016			
29372	CHEVRON DLR, EDUARDO H. ORTEGON	2538 CRENSHAW BLVD , LOS ANGELES, CA 90016			
44211	CHEVRON DLR, JEANNIE CHANG SS#9-1400	2538 CRENSHAW BLVD , LOS ANGELES, CA 90016			
31750	CHEVRON DLR, JOSE I. BAZAN	3063 CRENSHAW BLVD , LOS ANGELES, CA 90016			
114913	CHEVRON DLR, RAFFI SAYABALIAN, ST #91400	2538 CRENSHAW BLVD , LOS ANGELES, CA 90016			
60490	CHEVRON DLR, SS #1400 CHANG	2530 CRENSHAW BLVD , LOS ANGELES, CA 90016			
169296	CIRCLE K STORES, INC., N KOHANDARVISH SI	1925 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
167787	COMET CLEANERS, INC.	3651 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
86946	CONTINENTAL CABLEVISION	2900 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
102440	CRENSHAW CAR CLINIC	3518 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
168130	CRENSHAW SHELL MINI MART	3645 S CRENSHAW , LOS ANGELES, CA 90016			ACTIVE
64564	EL POLLO LOCO #5415	2803 CRENSHAW , LOS ANGELES, CA 90016			ACTIVE
116732	EQUILON DLR,S & K SHELL MINI MART	3645 S CRENSHAW , LOS ANGELES, CA 90016			
111219	EXXONMOBIL, N KOHANDARVISH, #10916	1925 CRENSHAW BLVD , LOS ANGELES, CA 90016			
43902	FILM PROCESSING CORP	3602 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
93903	H& S HOLIDAY BOWL INC	3730 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE

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122877	HOLIDAY BOWL INC	3730 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
72543	HOLIDAY BOWL, INC.	3730 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
11373	IMPERIAL NISSAN INC	2929 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
19706	INTL BODY WKS	2801 S CRENSHAW BLVD , LOS ANGELES, CA 90016			
80986	LEO'S BAR-BE CUE INC	2619 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
83049	LUCKY CLEANERS	2817 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
67463	LUCKY CLEANERS	2817 CRENSHAW BLVD , LOS ANGELES, CA 90016			
41020	MAJESTIC PONTIAC & HONDA	3740 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
129910	MKL CHEVRON	3063 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
55910	MOBIL DLR, DARIYOUSH KOHANOF	1925 S CRENSHAW BLVD , LOS ANGELES, CA 90016			
93909	MOBIL OIL CORPORATION,#11-KK6	1925 CRENSHAW BLVD , LOS ANGELES, CA 90016			
115702	NIKRAD ENTERPRISES INC #5	2545 S CRENSHAW , LOS ANGELES, CA 90016			ACTIVE
142441	PHILLIPS BAR B QUE, FOSTER PHILLIPS	2619 S CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
128753	RAFFI'S CHEVRON	2538 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
105464	RALPHS GROCERY COMPANY #286	3670 CRENSHAW , LOS ANGELES, CA 90016			ACTIVE
33406	SHELL DLR, JOON PARK HONG	3645 S CRENSHAW BLVD , LOS ANGELES, CA 90016			
83958	SHELL DLR, MOHAMMAD I KASKAS	3645 S CRENSHAW BLVD , LOS ANGELES, CA 90016			
107557	SHELL DLR, MOHAMMED KASKAS	3645 S CRENSHAW , LOS ANGELES, CA 90016			
101885	SHELL DLR,CRENSHAW SHELL MINI MART,KRASN	3645 S CRENSHAW , LOS ANGELES, CA 90016			
78116	SYSTEM CLEANERS,BAHARUN & KAMALADIN ETC	3631 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
90398	THE PEP BOYS, STORE #654	2800 CRENSHAW BLVD , LOS ANGELES, CA 90016			
160559	THE REYNOLDS GROUP	3773 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
26987	U-HAUL CORP	2451 S CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE
28153	UNION DLR, CHONG C KIM	2545 CRENSHAW BLVD , LOS ANGELES, CA 90016			
156240	WEST ANGELES CHURCH OF GOD IN CHRIST	3045 CRENSHAW BLVD , LOS ANGELES, CA 90016			ACTIVE

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44429	A & R BODY SHOP	4611 EXPOSITION BLVD , LOS ANGELES, CA 90016			
114967	ALLENWOOD TECHNOLOGIES, INC.	4865 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
13289	ANGELUS HUDSON INC	4833 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
46495	BEST AUTO REPAIR BODY SHOP	4611 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
128107	CAMPBELL CUSTOM GLASS, CCG, LLC, DBA	4845 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
83785	CANDELLA LIGHTING CO INC	4847 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
102657	COUNTRIWORKS, INC	4921 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
16669	CUSTOM MIRROR & GLASS CO	4845 EXPOSITION BLVD , LOS ANGELES, CA 90016			
83054	DU ROVAN, INC.	5009 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
47179	FRANK MUSLAR REFINISHING, FRANK MUSLAR D	5069 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
167194	KELLAR SWEEPING	3900 W EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
30474	KIM ELECTRIC SERVICE INC	4711 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
42567	MOBILE AUTO BODY	4611 EXPOSITION BLVD , LOS ANGELES, CA 90016			
3734	OSHIRO'S AUTO WKS	4611 EXPOSITION BLVD , LOS ANGELES, CA 90016			
157565	PROBATION-CRENSHAW	3606 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
73209	SACO CORPORATION	4729 EXPOSITION BOULEVARD , LOS ANGELES, CA 90016			ACTIVE
12040	SPRITON CHEM CO	5045 EXPOSITION BLVD , LOS ANGELES, CA 90016			
18845	STUTZMAN PLATING CO	5025-37 W EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
7140	STUTZMAN PLATING INC 018845	5025 EXPOSITION BLVD , LOS ANGELES, CA 90016			
68266	STUTZMAN PLATING INC. 018845	5025 EXPOSITION BLVD , LOS ANGELES, CA 90016			
59186	TONY & D'S MECHANIC BODY SHOP	4611 EXPOSITION BLVD , LOS ANGELES, CA 90016			ACTIVE
59273	TONY AND J.D. MECHANIC & BODY SHOP	4611 EXPOSITION BLVD , LOS ANGELES, CA 90016			
109359	WARREN ALLAN FURNITURE & CABINETS	4865 EXPOSITION BLVD , LOS ANGELES, CA 90016			

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Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
81632	ACCENT PRODUCTS INC	5877 RODEO DR , LOS ANGELES, CA 90016			ACTIVE
132508	ARCO FAC #05180, BP WEST COAST PRODS LLC	5851 RODEO RD , LOS ANGELES, CA 90016			
40184	ARCO/PRESTIGE STATIONS, ARCO #5180	5851 RODEO RD , LOS ANGELES, CA 90016			
162776	BIG LOTS #1940	5060 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
88017	BOYS MARKET	5080 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
102240	BURGER KING #6174, FOOD COURT INC	5080 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
78180	CO-POWER INC/SUMMIT DEV & MGT PARTNRSHIP	5001 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
108391	CULVER CITY COMPOSITES CORPORATION	5915 RODEO RD , LOS ANGELES, CA 90016			
78144	FERRO CORPORATION COMPOSITES DIVISION	5915 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
27698	HOLIDAY MOTOR HOMES	5875 RODEO RD , LOS ANGELES, CA 90016			
18103	JESSIE LORD INC	5900 RODEO RD , LOS ANGELES, CA 90016			
50737	KNASTER FURNITURE MFG CO	5901 RODEO RD , LOS ANGELES, CA 90016			
151304	LA CITY, DEPT OF RECREATION & PARKS	5001 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
150236	MINA'S CLEANERS, GENERAL CLEANERS	5784 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
142545	NEXT MOTORSPORTS	5877 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
130426	PRESTIGE STATIONS INC #05180	5851 RODEO RD , LOS ANGELES, CA 90016			
48207	QUALITY CLEANING	5782 RODEO RD , LOS ANGELES, CA 90016			
87702	QUALITY EXPRESS CLEANERS	5782 RODEO RD , LOS ANGELES, CA 90016			
47872	QUALITY EXPRESS CLEANERS	5782 RODEO RD , LOS ANGELES, CA 90016			
100803	QUALITY EXPRESS CLEANERS, JUNG MOO YOON	5782 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
73688	QUEEN OF SHEBA	5778 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
123424	RALPHS GROCERY #283	5080 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
166545	RODEO & LACIENEGA, INC	5851 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
113773	RODEO CLEANERS, RAYMOND CHO, DBA	5110 W RODEO RD , LOS ANGELES, CA 90016			
136310	RODEO CLEANERS, YOUNG NAM CHO	5110 W RODEO RD , LOS ANGELES, CA 90016			ACTIVE

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126164	SAVON DRUG STORE 3603	5060 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
105649	SECOR INTERNATIONAL INC	5791 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
140410	SECOR INTL., INC./ATLANTIC RICHFIELD CO.	5851 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
159387	SOFIJON INC.	5851 RODEO RD , LOS ANGELES, CA 90016			
87907	STRUCTUAL POLYMER SYSTEMS INC	5915 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
47236	THE SOUTHLAND CORP	5791 RODEO RD , LOS ANGELES, CA 90016			
8923	THOMAS A. HILL	5790 RODEO RD , LOS ANGELES, CA 90016			
67844	US GOVT, MILITARY ENTRANCE PROCESSING ST	5051-506 RODEO RD , LOS ANGELES, CA 90016			ACTIVE
42586	VILLAGE GREEN OWNER'S ASSOC	5131 RODEO PL , LOS ANGELES, CA 90016			

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City: Los Angeles

Zip Code: 90016

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TITLE V

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Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
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BUILDING PERMIT		9/30/1976	1976LA34783	HIST: 00000 000 0000	
BUILDING PERMIT	2	2/25/1942	1942 02711	HIST: P1352 002 2281	
BUILDING PERMIT	ALTERATION	12/10/1965	1965LA15693	HIST: P1743 003 0384	
BUILDING PERMIT	ALTERATION	4/10/1968	1968LA65712	HIST: P1764 002 0201	
BUILDING PERMIT	ALTERATION	4/10/1968	1968LA65713	HIST: P1764 002 0203	
BUILDING PERMIT	ALTERATION	6/10/1968	1968LA68046	HIST: P1765 002 0415	
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BUILDING PERMIT	ALTERATION	10/16/1981	1981LA32824	HIST: 00000 000 0000	
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BUILDING PERMIT	ALTERATION	9/5/1991	1991LA80629	HIST: P0339 003 0310	
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BUILDING PERMIT	BLDG-ALTER/REPAIR	9/24/1957	1957LA83054	HIST: P1656 002 1516	
BUILDING PERMIT	BLDG-ALTER/REPAIR	1/18/1961	1961LA79065	HIST: P1693 002 3449	
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BUILDING PERMIT	BLDG-DEMOLITION	5/10/1968	1968LA66247	HIST: P1764 002 1307	
BUILDING PERMIT	BLDG-DEMOLITION	3/16/1981	1981LA20145	HIST: 00000 000 0000	
BUILDING PERMIT	BLDG-NEW		1945 14836	HIST: P1371 002 2188	
BUILDING PERMIT	BLDG-NEW	9/18/1946	1946 23882	HIST: P1384 001 1006	
BUILDING PERMIT	BLDG-NEW	11/4/1946	1946LA28281	HIST: P1385 002 2063	
BUILDING PERMIT	BLDG-NEW	3/24/1947	1947 06237	HIST: P1396 001 0753	
BUILDING PERMIT	BLDG-NEW	9/10/1947	1947 24772	HIST: P1399 002 0166	
BUILDING PERMIT	BLDG-NEW	9/30/1957	1957LA83521	HIST: P1656 002 1514	
BUILDING PERMIT	BLDG-NEW	1/10/1970	1970LA01841	HIST: P1781 001 0832	
BUILDING PERMIT	BLDG-NEW	1/10/1970	1970LA01842	HIST: P1781 001 0834	
BUILDING PERMIT	BLDG-NEW	1/10/1970	1970LA01843	HIST: P1781 001 0836	
BUILDING PERMIT	GRADING	10/10/1969	1969LA98230	HIST: P1779 002 0550	
BUILDING PERMIT	GRADING	3/31/1981	1981LA21040	HIST: 00000 000 0000 HIST: P1873 002 0290	
BUILDING PERMIT	NEW CONSTRUCTION	5/10/1968	1968LA66003	HIST: P1764 002 0803	
BUILDING PERMIT	NEW CONSTRUCTION	10/10/1969	1969LA96920	HIST: P1779 001 0067	
BUILDING PERMIT	NEW CONSTRUCTION	4/9/1981	1981LA21689	HIST: 00000 000 0000 HIST: P1874 001 0249	
BUILDING PERMIT	NEW CONSTRUCTION	4/21/1981	1981LA22418	HIST: 00000 000 0000 HIST: P1874 002 0604	
BUILDING PERMIT	NEW CONSTRUCTION	4/21/1981	1981LA22419	HIST: 00000 000 0000 HIST: P1874 002 0602	
BUILDING PERMIT	NEW CONSTRUCTION	12/12/1986	1986LA52880	HIST: P0135 007 0267	
BUILDING PERMIT	SIGN	10/10/1976	1976LA34783	HIST: P1834 001 1104 HIST: P1837 004 2475	
BUILDING PERMIT	SIGN	7/31/1981	1981LA28372	HIST: 00000 000 0000	
BUILDING PERMIT	SIGN	8/21/1981	1981LA29637	HIST: 00000 000 0000	
BUILDING PERMIT	SIGN	8/21/1981	1981LA29638	HIST: 00000 000 0000	
BUILDING PERMIT	SIGN	12/14/1981	1981LA35895	HIST: 00000 000 0000	
BUILDING PERMIT	SIGN	3/6/1997	97048-10000-00156	HIST: P0611 001 0255	
CERTIFICATE OF OCCUPANCY		3/30/1960	1960LA55021	IDIS: O0631 04073 0000 HIST: O140 HIST: O137 2 3542	
CERTIFICATE OF OCCUPANCY		4/2/1964	1964LA62564	IDIS: O0631 04064 0000 HIST: O140 HIST: O137 2 3526	
CERTIFICATE OF OCCUPANCY		4/14/1969	1968LA66003	IDIS: O0631 04068 0000 HIST: O140 HIST: O137 2 3533	

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
CERTIFICATE OF OCCUPANCY		11/23/1981	1981LA22419	IDIS: O0532 02988 0000 HIST: O0005 004 0286	
CERTIFICATE OF OCCUPANCY		11/23/1981	1981LA22419	IDIS: O0738 00952 0000 HIST: O0050 00040 0286	
CERTIFICATE OF OCCUPANCY		12/2/1981	1981LA21689	IDIS: O0532 02984 0000 HIST: O0005 004 0281	
CERTIFICATE OF OCCUPANCY		12/2/1981	1981LA21689	IDIS: O0738 00948 0000 HIST: O0050 00040 0281	
CERTIFICATE OF OCCUPANCY		12/29/1981	1981LA22418	IDIS: O0532 02985 0000 HIST: O0005 004 0282	
CERTIFICATE OF OCCUPANCY		12/29/1981	1981LA22418	IDIS: O0738 00949 0000 HIST: O0050 00040 0282	
CERTIFICATE OF OCCUPANCY		12/29/1981	1981LA31301	IDIS: O0532 02985 0000 HIST: O0005 004 0282	
CERTIFICATE OF OCCUPANCY		12/29/1981	1981LA31301	IDIS: O0738 00949 0000 HIST: O0050 00040 0282	
CERTIFICATE OF OCCUPANCY		12/29/1981	1981LA32824	IDIS: O0532 02985 0000 HIST: O0005 004 0282	
CERTIFICATE OF OCCUPANCY		12/29/1981	1981LA32824	IDIS: O0738 00949 0000 HIST: O0050 00040 0282	
COMMISSION	BAAB BOARD FILE	12/31/1982	BF 824605	HIST: B0072 006 0306	
ELECTRICAL PERMIT		12/12/1986	1286A8690	HIST: T0079 005 0113	
GRADING	COMPACTION FILE	11/12/1969		HIST: G0052 009 0102	
GRADING	COMPACTION FILE	11/26/1969		HIST: G0052 009 0101	
GRADING	COMPACTION FILE	4/23/1981		HIST: G0112 007 0091	
GRADING	COMPACTION FILE	5/6/1981		HIST: G0112 007 0090	
MECHANICAL PERMIT	PLUMBING	12/12/1986	1286A8691	HIST: T0079 005 0410	
PLAN MAINTENANCE		12/12/1986	1986LA52880	HIST: H0791 001 0262	
RANGE FILE	MISCELLANEOUS	6/24/1969		HIST: R0046 002 0289	
RANGE FILE	MISCELLANEOUS	8/11/1978		HIST: R0046 002 0312	
RANGE FILE	MISCELLANEOUS	1/30/1981		HIST: R0046 002 0324	
RANGE FILE	MISCELLANEOUS	5/21/1984		HIST: R0167 008 0189	
RANGE FILE	MISCELLANEOUS	6/10/1985		HIST: M0107 001 0454	
RANGE FILE	MISCELLANEOUS	1/25/1990		HIST: M0483 004 0283	
RANGE FILE	MISCELLANEOUS	2/19/2001		HIST: M1342 003 0054	
RANGE FILE	MISCELLANEOUS	3/6/2001		HIST: M1296 001 0053	
RANGE FILE	MISCELLANEOUS	2/7/2007		IDIS: R659 00607 0000 thru R659 00607 0001	

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
RANGE FILE	MISCELLANEOUS	5/8/2009		IDIS: R740 00137 0000 thru R740 00137 0004	
RANGE FILE	MISCELLANEOUS	9/21/2009		IDIS: R740 00138 0000 thru R740 00138 0006	

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Address: 3501 - 3519 RODEO

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
AFFIDAVIT	PARKING	10/25/1954		HIST: M0026 003 0256	
AFFIDAVIT	PARKING	2/25/1977	AFF 4536	HIST: M0027 012 0066	
BUILDING PERMIT	ALTERATION	10/10/1968	1968LA76586	HIST: P1769 001 1811	
BUILDING PERMIT	ALTERATION	10/10/1968	1968LA76587	HIST: P1769 001 1813	
BUILDING PERMIT	BLDG-ADDITION	7/23/1981	1981LA27898	HIST: 00000 000 0000	
BUILDING PERMIT	BLDG-ALTER/REPAIR	12/27/1949	1949 30229	HIST: P1428 002 1178	
BUILDING PERMIT	BLDG-ALTER/REPAIR	4/3/1953	1953 56533	HIST: P1482 001 2309	
BUILDING PERMIT	BLDG-ALTER/REPAIR	6/22/1953	1953LA63340	HIST: P1484 002 1033	
BUILDING PERMIT	BLDG-ALTER/REPAIR	6/11/1956	1956LA45371	HIST: P1651 001 1184	
BUILDING PERMIT	BLDG-ALTER/REPAIR	1/26/1961	1961LA79689	HIST: P1697 001 2353	
BUILDING PERMIT	BLDG-DEMOLITION	5/10/1968	1968LA66246	HIST: P1764 002 1305	
BUILDING PERMIT	BLDG-DEMOLITION	10/10/1990	1990VN88222	HIST: P0303 003 0039	
BUILDING PERMIT	BLDG-DEMOLITION	8/30/1996	1996LA55358	HIST: P0584 007 0186	
BUILDING PERMIT	BLDG-NEW	11/17/1948	1948 32799	HIST: P1415 001 2225	
BUILDING PERMIT	BLDG-NEW	2/17/1953	1953LA52594	HIST: P1481 001 0171	
BUILDING PERMIT	BLDG-NEW	11/18/1954	1954LA99580	HIST: P1511 001 0946	
BUILDING PERMIT	NEW CONSTRUCTION	10/10/1968	1968LA75236	HIST: P1768 002 0265	

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
BUILDING PERMIT	NEW CONSTRUCTION	3/10/1969	1969LA84282	HIST: P1773 001 2458	
BUILDING PERMIT	NEW CONSTRUCTION	10/23/1984	1984LA98864	HIST: P0070 005 0216	
BUILDING PERMIT	NEW CONSTRUCTION	8/30/1996	1996LA55359	HIST: P0584 007 0190	
BUILDING PERMIT	SIGN	3/10/1969	1969LA84305	HIST: P1773 001 1498	
BUILDING PERMIT	SIGN	7/31/1981	1981LA28403	HIST: 00000 000 0000	
BUILDING PERMIT	SIGN	11/12/1981	1981LA34301	HIST: 00000 000 0000	
BUILDING PERMIT	SIGN	10/23/1984	1984LA98823	HIST: P0070 005 0134	
BUILDING PERMIT	SIGN	5/16/1990	1990LA56339	HIST: P0285 003 0368	
BUILDING PERMIT	SIGN	6/12/1990	1990VN82843	HIST: P0288 006 0309	
BUILDING PERMIT	SIGN	10/10/1990	1990VN88223	HIST: P0303 003 0041	
CERTIFICATE OF OCCUPANCY		5/31/1950	1950LA00023	IDIS: O0720 03843 0000 HIST: O510 HIST: O226 2 3270	
CERTIFICATE OF OCCUPANCY		8/17/1953	1953LA63340	IDIS: O0720 03845 0000 HIST: O510 HIST: O226 2 3272	
CERTIFICATE OF OCCUPANCY		6/29/1954	1953LA52594	IDIS: O0720 03844 0000 HIST: O510 HIST: O226 2 3271	
CERTIFICATE OF OCCUPANCY		6/3/1955	1954LA99580	IDIS: O0720 03846 0000 HIST: O510 HIST: O226 2 3273	
CERTIFICATE OF OCCUPANCY		4/5/1961	1961LA79689	IDIS: O0720 03849 0000 HIST: O510 HIST: O226 2 3278	
CERTIFICATE OF OCCUPANCY		3/21/1969	1968LA75236	IDIS: O0720 03850 0000 HIST: O510 HIST: O226 2 3280	
CERTIFICATE OF OCCUPANCY		7/16/1969	1969LA84282	IDIS: O0720 03851 0000 HIST: O510 HIST: O226 2 3282	
COMMISSION	BAAB BOARD FILE	12/31/1981	BF 816587	HIST: B0059 008 0261	
PLAN MAINTENANCE		5/16/1990	1990LA56339	HIST: J0449 001 0064	
RANGE FILE	MISCELLANEOUS	10/2/1992		HIST: M0797 003 0091	
RANGE FILE	MISCELLANEOUS	10/27/1992		HIST: M0825 005 0234	

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Address: 3502 - 3510 EXPOSITION

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
RANGE FILE	MISCELLANEOUS	2/23/1983		HIST: R0055 008 0358	
BUILDING PERMIT	ALTERATION	12/13/1982	1982LA55289	HIST: P0013 004 0035 HIST: 00000 000 0000	
BUILDING PERMIT	ALTERATION	1/13/1984	1984LA80454	HIST: P0045 006 0119	
BUILDING PERMIT	BLDG-NEW	12/10/1970	1970LA19989	HIST: P1788 002 2177	
BUILDING PERMIT	BLDG-NEW	12/10/1970	1970LA19990	HIST: P1788 002 2179	
BUILDING PERMIT	BLDG-NEW	12/10/1970	1970LA19991	HIST: P1788 002 2181	
BUILDING PERMIT	ALTERATION	3/10/1971	1971LA24612	HIST: P1790 001 1261	
BUILDING PERMIT	NEW CONSTRUCTION	3/10/1971	1971LA24613	HIST: P1790 001 1263	
BUILDING PERMIT	ALTERATION	11/27/1973	1973LA81396	HIST: P1812 001 2796 HIST: P1832 001 0807 HIST: 00000 000 0000	
CERTIFICATE OF OCCUPANCY		6/11/1971	1970LA19991	HIST: O293 3 2131 IDIS: O0511 01907 0000	
CERTIFICATE OF OCCUPANCY		6/11/1971	1970LA19991	HIST: O403 IDIS: O0804 02821 0000	
AFFIDAVIT	PARKING	2/25/1977	AFF 4536	HIST: M0027 012 0066	
RANGE FILE	MISCELLANEOUS	12/13/1991		HIST: M0705 008 0416	
RANGE FILE	MISCELLANEOUS	6/22/1992		HIST: M0776 010 0028	
CERTIFICATE OF OCCUPANCY		6/11/1971	1970LA19991	HIST: O403 IDIS: O0804 02821 0000	

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Address: 3631 - 3645 BRONSON

Document Type	Sub Type	Document Date	Document Number	Reel Batch Frame	
BUILDING PERMIT	BLDG-ALTER/REPAIR	11/14/1947	1947LA27782	HIST: P1400 001 0527	
BUILDING PERMIT	BLDG-NEW	11/18/1948	1948 32832	HIST: P1415 001 2258	
BUILDING PERMIT	BLDG-NEW	4/9/1952	1952LA29304	HIST: P1459 001 0763	
CERTIFICATE OF OCCUPANCY		12/20/1948		HIST: O120 2 0379	
CERTIFICATE OF OCCUPANCY		12/20/1948		HIST: O120 2 0380	
CERTIFICATE OF OCCUPANCY		12/20/1948	1947LA27782	IDIS: O0614 02172 0000 HIST: O106	
CERTIFICATE OF OCCUPANCY		12/20/1948	1947LA27782	IDIS: O0614 02173 0000 HIST: O106	
CERTIFICATE OF OCCUPANCY		12/6/1949	1948LA32832	IDIS: O0614 02169 0000 HIST: O106	
CERTIFICATE OF OCCUPANCY		12/11/1952	1952LA29304	IDIS: O0614 02170 0000 HIST: O106	

1

APPLICATION TO ERECT A NEW BUILDING

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY
BUILDING DIVISION

Lot No. [illegible] 34

Tract 12264

Location of Building [illegible] Crenshaw Blvd (House Number and Street)

Between what cross streets Crenshaw + Rodeo

USE INK OR INDELIBLE PENCIL

1. Purpose of building Demonstration (Store, Dwelling, Apartment House, Hotel or other purpose) Families Rooms 4

2. Owner HAMILL + JONES (Print Name) Phone AX-28154

3. Owner's address 3025 Exposition Pl. P.O. Los Angeles

4. Certificated Architect State License No. Phone

5. Licensed Engineer State License No. Phone

6. Contractor Hamill + Jones State License No. 78091 Phone AX28154

7. Contractor's address 3025 Exposition Pl. Los Angeles, Cal.

8. VALUATION OF PROPOSED WORK (Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment therein or thereon) $ 2980.00

9. State how many buildings NOW on lot and give use of each (Store, Dwelling, Apartment House, Hotel or other purpose)

10. Size of new building 36 x 20 No. Stories 1 Height to highest point 13' Size lot

11. Material Exterior Walls Siding Type of Roofing asphalt shingle

12. For Accessory Buildings and similar structures
(a) Footing Width 12" Depth in Ground 12" Width of Wall 6"
(b) Size of Studs 2 x 4 Material of Floor wood
(c) Size of Floor Joists 2 x 6 Size of Rafters 2 x 4

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Plans, Specifications and other data must be filed.

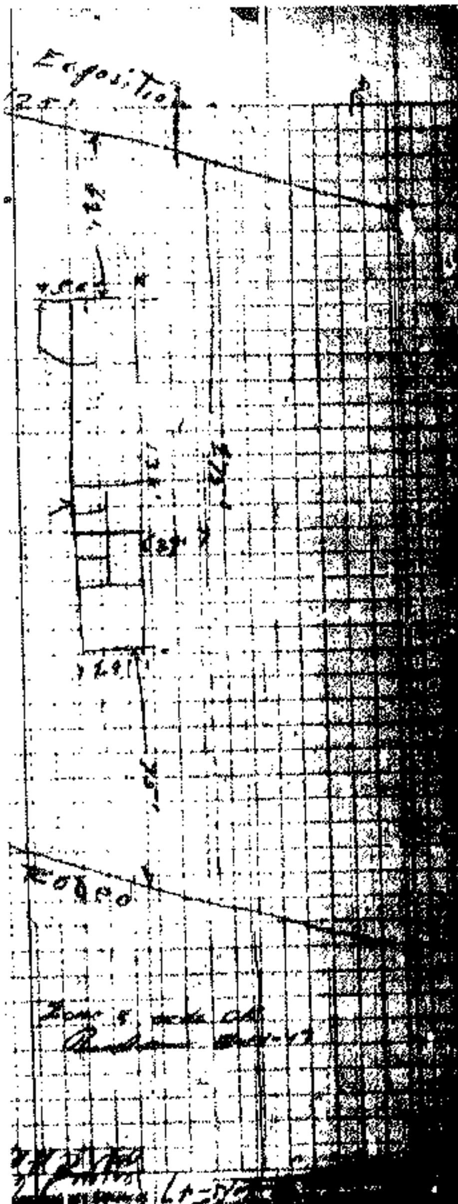
Sign here Hamill + Jones

By Clara McSmith

FOR DEPARTMENT USE ONLY

PLAN CHECKING	(2) REINFORCED CONCRETE	(3)
Receipt No. / Valuation $ / Fee Paid $	Bbls. Cement / Tons of Reinforcing Steel	The building referred to in this application will be more than ... feet from Street. Sign here

TYPE	GROUP	Maximum No. Occupants	Inside Lot / Corner Lot	Key Lot / Corner Lot Keyed	Lot Size	Ft. real sides / Ft. side sides
PERMIT No. 14836		Plans and Specifications checked	Zone	Fire District	District Map No.	Fee 11.20
		Corrections Verified	Bldg. Line	Street Widening		Stamp here when Permit is issued
PLANS		Plans, Specifications and Applications rechecked and approved 11/...	Application Checked and Approved		Clerk	
Rec'd		Fire Zone / Filed with	Continuous Inspection	SPRINKLERS Required / Valuation Included		Inspector



505

ERECT A NEW BUILDING AND FOR A CERTIFICATE OF OCCUPANCY

DEPARTMENT OF BUILDING AND SAFETY
BUILDING DIVISION

Lot No. 34 W 132' of Lot 33

Tract 12298

Location of Building 3630 Crenshaw Blvd. (House Number and Street)

Approved by City Engineer

Between what cross streets Rodeo & Exposition

1. Purpose of Building Super Service Station — Families — Rooms

2. Owner Craig Oil Co. Inc.

3. Owner's address 5001 Wilshire Blvd. LA 36

4. Certificated Architect None — State License No. — Phone

5. Licensed Engineer — State License No. — Phone

6. Contractor Craig Oil Co. — State License No. — Phone

7. Contractor's address 5001 Wilshire Blvd.

8. VALUATION OF PROPOSED WORK — $35,000.00

State how many buildings NOW on lot and give use of each. None

Size of new building 24 x 132 No. Stories 1 Height to highest point 18 Size lot 228 x 125

Material Exterior Walls Steel — Type of Roofing Steel

For Accessory Buildings and Similar Structures:
(a) Footing: Width 12-14 Depth in Ground 12-18 Width of Wall 8-10
(b) Size of Studs — Material of Floor Concrete
(c) Size of Floor Joists — Size of Rafters

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Signature Craig Oil Co. Inc.

Plans, Specifications and other data must be filed.

FOR DEPARTMENT USE ONLY

AUG 14 1947

Bldg. Per. 93.00
Cert. of Occupancy
Total 93.00

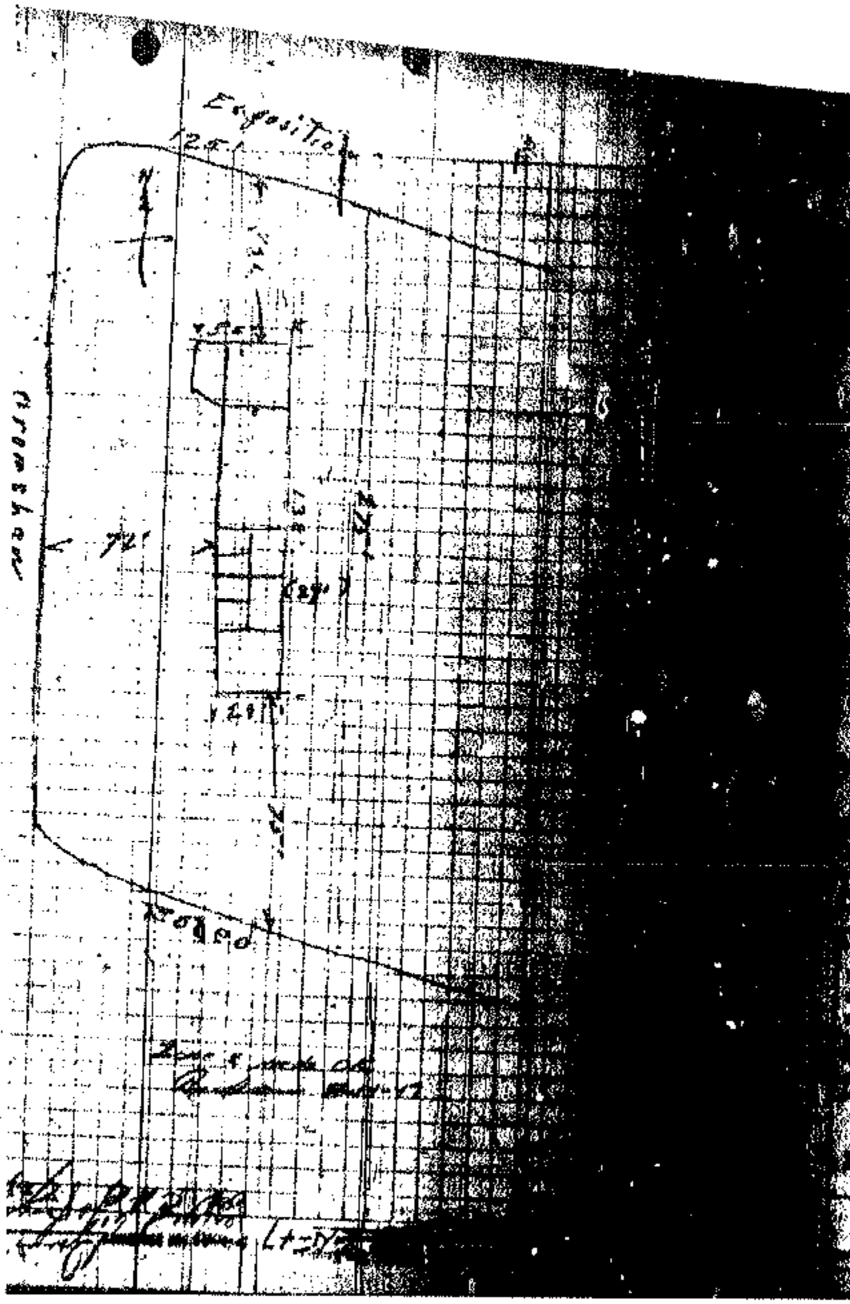
FEES

C-2

4980

JUL 19 1947

Exhibit 397



AND FOR A
CERTIFICATE OF OCCUPANCY

BUILDING DIVISION

Lot No. 38 W 125' of Lot 38

Tract 12349

Location of Building 5630 Crenshaw Blvd.

Between what cross streets Roden & Exposition

USE INK OR INDELIBLE PENCIL.

1. Purpose of Building Super Service Station — Families — Rooms 2

2. Owner Craig Oil Co. INC

3. Owner's address 5001 Wilshire Blvd — P.O. — LA 36

4. Certificated Architect None — State License No. — Phone

5. Licensed Engineer McIntosh & McIntosh — State License No. LA-7G-2050 — Phone

6. Contractor Craig Oil Co. — State License No. — Phone

7. Contractor's address 5001 Wilshire Blvd.

8. VALUATION OF PROPOSED WORK $35,000.00

State how many buildings NOW on lot and give use of each. None

Size of new building 74 x 138 — No. Stories 1 — Height to highest point 18 — Size lot 275 x 125

Material Exterior Walls Steel — Type of Roofing Steel

(a) Footing: Width 12-24 — Depth in Ground 12-18 — Width of Wall —

(b) Size of Studs — Material of Floor Concrete

(c) Size of Floor Joists — Size of Rafters

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Sign here Craig Oil Co. Inc
By [illegible]

Approved by City Engineer

FOR DEPARTMENT USE ONLY

JUL 14 1947

8018

Bldg. Fee 93.00

Cert. of Occupancy

Total 93.00

C-2

4985

JUL 14 1947

CITY OF LOS ANGELES AND FOR CERTIFICATE OF OCCUPANCY

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only. 2. Plot Plan Required on Back of Original.

1. LEGAL DESCR — LOT / BLOCK / TRACT: Parcel A, of Parcel Map Los Angeles # 2647 Book 51, Page 13 of Parcel Map, L.A. Co.

2. PURPOSE OF BUILDING: Yum Yum Donut Shop

3. JOB ADDRESS: Crenshaw Blvd., Los Angeles, CA

4. BETWEEN CROSS STREETS: Rodeo Road AND Crenshaw Blvd.

5. OWNER'S NAME: Moyer Rodeo Associates — PHONE: 479-5000

6. OWNER'S ADDRESS: P. O. Box 49312, Los Angeles, CA 90049

7. ENGINEER: J.E. Guzman — BUS. LIC. NO. 27906 — PHONE 912-1373

8. ARCHITECT OR DESIGNER: Income Land Corporation — PHONE 949-9476

9. ARCHITECT OR ENGINEER'S ADDRESS: 11805 Telegraph Rd., Sta. Fe Springs, CA 90670

10. CONTRACTOR: Income Land Corp. — BUS. LIC. NO. 247828-96 — ACTIVE STATE LIC. NO. 301182 — PHONE 949-9476

11. SIZE OF NEW BLDG: 27'10" x 43'10" — STORIES 1 — HEIGHT 17'6" — NO. OF EXISTING BUILDINGS ON LOT AND USE: see attached original

12. MATERIAL OF CONSTRUCTION: EXT. WALLS stucco/glass — ROOF tile/hot mop — FLOOR tile/concrete

13. JOB ADDRESS: SEC Crenshaw Blvd., L.A.

14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING: $ 90,000.00

GRADING

PURPOSE OF BUILDING: (17) Donut Shop — STORIES 1 — HEIGHT 17'6"

TYPE V — GROUP — BLDG. AREA 1,226

DWELL UNITS 0 — MAX OCC — TOTAL 30

GUEST ROOMS 0 — PARKING REQ'D 5 — PARKING PROVIDED STD 13 COMP

SPRINKLERS REQ'D SPECIFIED

P.C. — P.M.

S.P.C. — I.F.

B.P. 451.06 — 05

G.P.I. — I.O.

DIST. OFFICE — ENERGY: Exempt N/C

P.C. NO. 7

PLANS CHECKED / APPLICATION APPROVED: [signatures]

INSPECTION ACTIVITY: COMB — GEN. — MAJ S — CONS

Claims for refund of fees paid on permits must be filed: 1. Within one year from date of payment of fee, or 2. Within one year from date of expiration of extension for building or grading permits granted by the Dept. of B. & S. SECTIONS 22.12 & 22.13 LAMC

CASHIER'S USE ONLY

PLAN CHECK EXPIRES ONE YEAR AFTER FEE IS PAID. PERMIT EXPIRES TWO YEARS AFTER FEE IS PAID OR 180 DAYS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

DECLARATIONS AND CERTIFICATIONS

LICENSED CONTRACTORS DECLARATION

I hereby affirm that I am licensed under the provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Date 12/26/88 — Lic. Class B1 — Lic. No. 301182 — Contractor Income Land Corp.

Contractor Mailing Address 11805 Telegraph Rd, Santa Fe Springs, CA 90670

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

[ ] I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner builder will have the burden of proving that he did not build or improve for the purpose of sale.)

[ ] I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

[ ] I am exempt under Sec. ______, B. & P. C. for this reason

Date — Owner

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC11-66-6565 Company Wausau Ins. Company

[ ] Certified copy is hereby furnished.

[ ] Certified copy is filed with the Los Angeles City Dept. of Bldg. & Safety.

Date 12/26/88 — Applicant Income Land Corp. — Yum Yum Donut Shops, Inc.

Applicant's Mailing Address

3 AND FOR CERTIFICATE OF OCCUPANCY

INSTRUCTIONS: 1. Application to Complete Numbered Items Only
2. Plot Plan Required on Back of Original.

CENSUS TRACT

1. LEGAL DESCR. LOT Parc BLK TRACT P.M. 545
DIST. MAP 4988
2. PRESENT USE & BUILDING 01 car wash
NEW USE OF BUILDING 06 demolish
ZONE C-2-2
3. JOB ADDRESS 3509 Rodeo Rd.
FIRE DIST. 2
4. BETWEEN CROSS STREETS Crenshaw AND Bronson
INSIDE OR L.A.
5. OWNER'S NAME Gulf Oil PHONE No. 67133
LOT SIZE IRREG
6. OWNER'S ADDRESS 1801 Ave. of the Stars P.O. BOX L.A. ZIP
7. ARCHITECT OR DESIGNER STATE LICENSE NO. PHONE
REAR ALLEY
SIDE ALLEY
8. ENGINEER // / / STATE LICENSE NO. PHONE
BLDG. LINE
9. CONTRACTOR Valley Loader Service Inc C21 251380 STATE LICENSE NO. PHONE 8752433
AFFIDAVITS

10. SIZE OF EXISTING BLDG.	STORIES	HEIGHT	NO. OF EXISTING BUILDINGS ON LOT AND USE
20x100	1	10	1station & 1 car wash

11. MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR
	wood	wood	conc.

DISTRICT OFFICE

3 12. JOB ADDRESS 3509 Rodeo
GRADING
13. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $1000.00
CRIT. SOIL
14. NEW WORK: (Describe) Demolish, clear lot. S.C.# 2376
HIGHWAY DED.

NEW USE OF BUILDING		SIZE OF ADDITION	STORIES	HEIGHT	FLOOD

TYPE	GROUP	SPRINKLERS REQ'D SPECIFIED	VALUATION APPROVED	CONS.
V	S-1		Sunday	Yes

BLDG. AREA	MAX OCC.	TOTAL	PLANS CHECKED	ZONED BY
				HRY

DWELL UNITS	GUEST ROOMS	SPACES PARKING REQ'D	PROVIDED	PLANS APPROVED	FILE WITH

P.C. No.	CONT. INSP.	APPLICATION APPROVED	INSPECTOR
		Sunday	

P.C.	S.P.C.	G.P.I.	B.P.	I.F.	O.S.	C/O	TYPIST
			6				

Plan check expires six months after fee is paid. Permit expires one year after fee is paid or six month after fee is paid if construction is not commenced.

CASHIER'S USE ONLY

MAY 8-68 23770 E •66246 X — 1 CK 6.00

STATEMENT OF RESPONSIBILITY

I certify that in doing the work authorized hereby I will not employ any person in violation of the Labor Code of the State of California relating to workmen's compensation insurance.

"This permit is an application for inspection, the issuance of which is not an approval or an authorization of the work specified herein. This permit does not authorize or permit, nor shall it be construed as authorizing or permitting the violation or failure to comply with any applicable law. Neither the City of Los Angeles, nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein, or the condition of the property or soil upon which such work is performed." (See Sec. 91.0202 L.A.M.C.)

Signed Jeffrey L. Bill (Owner or Agent) Name Date 5/8/68

Bureau of Engineering
ADDRESS APPROVED
SEWERS AVAILABLE
~~NOT AVAILABLE~~
DRIVEWAY APPROVED
HIGHWAY DEDICATION REQUIRED
COMPLETED
FLOOD CLEARANCE APPROVED

No Reference — Conservation
APPROVED FOR ISSUE
FILE #
Margrett 5/8/68

Plumbing
PRIVATE SEWAGE DISPOSAL SYSTEM APPROVED

Planning
APPROVED UNDER CASE #

APPROVED TITLE 19

THIS PERMIT IS FOR (Mark one)
☐ NEW BLDG./ STRUCTURE ☐ ADD, ALTER, REPAIR EXISTING BUILDING
☐ RELOCATE ☒ DEMOLITION OF ENTIRE BUILDING

CITY OF LOS ANGELES - DEPARTMENT OF BUILDING AND SAFETY
APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

INCIDENT CODE

REF NO

A PROJECT ADDRESS
3519 RODEO — TOWN / CITY RO W — CROSS STREETS CRENSHAW BLVD / BRONSON AVE

TRACT(s) and COUNTY REF NO (Per alpha index) e.g. 7 G McDonald Tract (MR 10-39): P M 2647 (8K 51-13)
BLOCK — LOT(S) and ARB(S) e.g. 18, 19 (Adj 3), 17, 18: 8
DIST MAP 1206185
ASSESSOR'S ID 5044002006
LOT TYPE CORNER — LOT SIZE IRREGULAR — ZONE C2-1 — BUILDING TYPE — — ALLEY —
CENSUS TRACT 2342 — ADDR APPD — DATE
APPLICANT'S EASEMENTS AND RESTRICTIONS Z11231 P, Z12128 P
COUNCIL DIST 10 — FIRE DIST 4 — FLOOD ZONE —
GRADING — HIGHWAY DED Yes — SEISMIC STUDY —

B PROPERTY OWNER
LIDA RABBANY — PHONE 3106572327 — SUITE/UNIT NO.
ADDRESS 1654 N YSIDRO DRIVE
CITY/STATE/ZIP BEVERLY HILLS CA 90210

APPLICANT
BARRY COHAN — PHONE 3108592520 — SUITE/UNIT NO.
ADDRESS 9038 ASHCROFT AVE
CITY/STATE/ZIP LOS ANGELES CA 90048

ARCHITECT NAME — ADDRESS — LIC. CLASS — ACTIVE STATE LIC. NO. — CITY BUS. LIC NO — PHONE NO.
ENGINEER
CONTRACTOR OWNER-BUILDER
PROPOSED USE OF BUILDING ( )
EXISTING USE OF BUILDING (Leave blank for new buildings) (16) RETAIL (~~Photo~~ KEY ~~Shop~~ BOOTH)
DESCRIPTION OF WORK
☐ DAMAGE REPAIR <10% ☐ PATCH PLASTER/ DRYWALL ☐ INT. NON-STRUCTURAL REMODEL ☐ DOOR/WINDOW CHANGEOUT ☐ RE-STUCCO/SIDING ☐ RE-ROOF
OTHER (Describe)
DEMOLISH THE BUILDING

C COMPLETE THIS SECTION ONLY FOR ONE AND TWO FAMILY DWELLINGS INVOLVING MECHANICAL WORK IN CONJUCTION WITH THE WORK DESCRIBED IN SEC. "B" ABOVE.
A SEPARATE PERMIT SHALL BE OBTAINED FROM MECHANICAL BUREAU FOR ANY WORK WHICH DOES NOT MEET ANY OF THE FOLLOWING CONDITIONS
☐ ELECTRICAL WORK FOR PANEL SIZE <400 AMPS AND TOTAL FLOOR AREA <15,000 S.F. ☐ PLUMBING (NOT INCLUDING FIRE SPRINKLERS) ☐ HVAC WORK FOR HEATING SIZE < 350,000 BTU AND A.C. SIZE < 15 TONS
DESCRIPTION OF MECH WORK (Check applicable boxes above)
ELECT CON NAME — ADDRESS — LIC. CLASS — ACTIVE STATE LIC. NO. — CITY BUS. LIC NO. — PHONE NO.
PLUMB. CONTR
HVAC CONTR

08/12/96 11:35:40AM LA06 T-6589 C 18
GRADING PRE IN 65.00
SYS DEV .90
ONE STOP .30
MISCELLANEOUS .90
CITY PLAN SURC .95
TOTAL 77.15
CHECK 12.15
CHECK 65.00
FOR CASHIER'S USE ONLY
3519 S RODEO RD DP1

D NO. OF EXISTING BLDGS ON LOT AND USE 3- bldgs

LENGTH 4'-0"	WIDTH 6'-0"	HEIGHT (BUILDING)	FLOOR AREA (BUILDING) -24 P
STORIES	GROUP OCCUPANCY	OCCUPANTS PER GROUP	MAX. OCCUPANCY
DWELLING UNITS	GUEST ROOMS	CONSTR. TYPE V-N.	I.C. FABRICATOR REQ'D FOR
REQ'D PARKING	PARKING PROVIDED STD COMP P.H.	HEIGHT (ZONING)	FLOOR AREA (ZONING)
LOCATION OF REQ'D FIRE SPRINKLERS		TYPE OF INSPECTION CS EQ FS MS (GEN) (LA) VN WLA SP	DISTRICT INSP. OFFICE

LATERAL/ANCHOR SYSTEMS: ☐ SHEARWALL ☐ CONTINUOUS/SPREAD ☐ ENERGY ☐ PILE/CAISSON ☐ SMR/SHORING ☐ MAT/BASE ISOLATION ☐ OTHER ☐ OTHER
SPECIAL INSPECTIONS: ☐ CONC > 2000 PSI ☐ MASONRY ☐ FIELD WELDING ☐ REBAR WELDS ☐ GUNITE/SHOTCRETE ☐ GRADING ☐ GRADE BEAM/PILE CAPS ☐ OTHER

E P.C. NO. G4907
VALUATION (Including all fixed operating equipment) $ 301 -

PLAN CHECK 38.50	SUPP. PLAN CHECK -	E.Q. INSTR 0.50	SUPPLEMENT TO PERMIT NO. -
HILLSIDE POSTING -	BLDG. PERMIT 65.00	PLAN MAINT -	PLAN CHECKED BY N. PEREIRA
PRE-INSPECTION -	ELEC. PRMT. (25%) -	FIRE HYDRANT -	D.A. PLAN CHECKED BY -
INVESTIGATION FEE 100.00	PLUMB. PRMT. (20%) -	ARTS DEV. FEE -	ZONING VERIFIED BY NP DATE 8-30-96
RELOCATION FEE -	HVAC PRMT. (13%) -	SCHOOL DIST. FEE -	APPLICATION APPROVED BY PRINT N. PEREIRA BSID 20132
		SCH. DISF. FL. AREA -	SIGN Pereira DATE 8-30-96

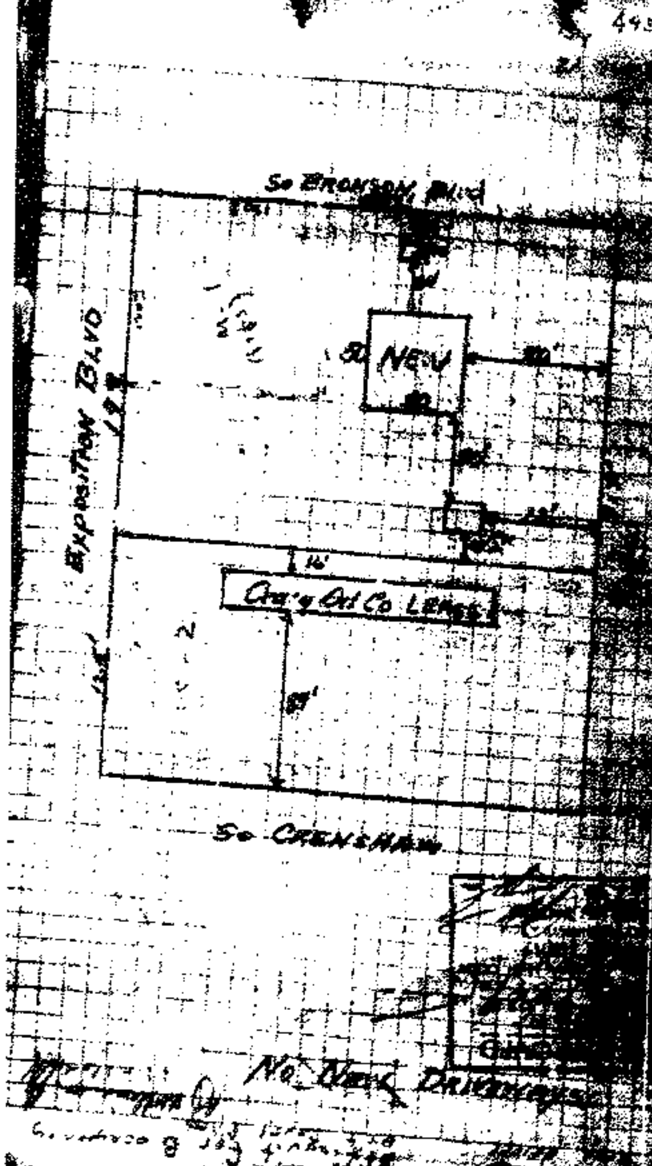
☐ ENERGY ☒ SURCHARGES ☐ D.A. SURCH. ☐ SEWER CAP REQ'D
PLOT PLAN ATTACHED ☒ YES ☐ NO
OTHER ATTACHMENTS (Describe) ☐ YES

Unless a shorter period of time has been established by an official action, plan check approval expires one and one half years after the fee has been paid. This permit expires two years after the fee has been paid or 180 days after the fee has been paid and construction has not commenced; or if work is suspended, abandoned or abandoned for a continuous period of 180 days (Sec. 98.0603 L.A.M.C.). Claims for refund of fees paid on permits must be filed within one year from the date of expiration for building permits granted by the Department of Building and Safety (Sec. 22.12 & 22.13 L.A.M.C.).

B & S 26-B-8 Rev. 2/95

08/30/96 02:28:25PM LA04 T-8066 C 18
DEMO PERMIT 65.00
INVOICE # 0020132 BB
BLDG PLAN CHEC 38.50
EQ COMMERCIAL 0.50
INVESTIGATION 100.00
SYS DEV 13.44
ONE STOP 4.48
MISCELLANEOUS 5.00
CITY PLAN SURC 3.70
TOTAL 250.62
CHECK 250.62

96LA 55358



APPLICATION TO ERECT A NEW BUILDING AND FOR A CERTIFICATE OF OCCUPANCY

BUILDING AND SAFETY — BUILDING DIVISION

Lot: Part of Lot 38 (E 1/2)

Tract: 12244

Location of building: 3640 So CRENSHAW

Purpose of building: SHED Roof over Merry go Round — Stories: 1

Owner: Robert Austin

Owner's address: 3640 Crenshaw So LA 16

Architect: ULRICH PLAUT — No. 27151

Licensed Engineer: Robert Haussler

Contractor: WALTER F HAUSSLER — State License No. 24507

Contractor's address: 2345 Riverside Dr LA 26

VALUATION OF PROPOSED WORK: $5000

State how many buildings NOW on lot and give use of each: 1 Toilet 1 OFFICE 1 Storage

Size of new building: 50' x 50' No. Stories: 1 Height to highest point: 19'

Material Exterior Walls: OPEN

(a) Footing: Width 20" Depth in Ground 10" Width of Wall 6"

(b) Size of Studs: 3x3x1/4 STEEL — Material of Floor: NONE

(c) Size of Floor Joists — Size of Rafters: 3 1/2" PLAIN

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of this work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Signature: Walter F. Haussler

FOR DEPARTMENT USE ONLY

FEES

Receipt No. 13518

8.2 — 250

NOV 1 6 1948

N o

4998

E3961

1

ERECT DIV.

APPLICATION TO ERECT A NEW BUILDING AND FOR A Certificate of Occupancy

Form B-1

CITY OF LOS ANGELES DEPARTMENT OF BUILDING AND SAFETY

BUILDING DIVISION

Lot No. 38

Tract 12244

Location of Building 3505 Rodeo Road (House Number and Street)

Approved by City Engineer

Deputy.

Between what cross streets? Bronson & Crenshaw

USE INK OR INDELIBLE PENCIL — No Cars to be Stored overnight

1. Purpose of building Upholstery Shop (Store, Dwelling, Apartment House, Hotel or other purpose) Families — Rooms —
2. Owner Silver Arrow System Inc. (Print Name) Phone AX 21847
3. Owner's Address 3505 Rodeo Rd. P. O. Los Angeles
4. Certificated Architect — State License No. Phone
5. Licensed Engineer — State License No. Phone
6. Contractor Owner builder State License No. Phone
7. Contractor's Address Same above
8. VALUATION OF PROPOSED WORK (Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment therein or thereon.) $ ~~1000~~ 1500
9. State how many buildings NOW on lot and give use of each. 1 building used as car wash & snack bar (Store, Dwelling, Apartment House, Hotel or other purpose)
10. Size of new building 20' x 15' No. Stories 1 Height to highest point 11'4" Size lot x
11. Material Exterior Walls Exterior Stucco Type of Roofing Comp. Shingle
12. For Accessory Buildings and similar structures
   - (a) Footing: ~~Width~~ 8" ~~Depth in Ground~~ 8" ~~Width of Wall~~
   - (b) Size of Studs 2x4 16" o.c. ~~Material of Floor~~ Concrete
   - (c) Size of Floor Joists — x — ~~Size of Rafters~~ 2 x 4

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance. P. C. Does Not Apply J. T.

Sign here Silver Arrow System Inc. (Owner or Authorized Agent)

By [signature]

DISTRICT OFFICE

FOR DEPARTMENT USE ONLY

PLAN CHECKING					
Valuation $ 1000	$			Investigation Fee $ 7.50; Bldg. Permit Fee $; Total $	
Fee $ 2	$				
TYPE: V	Maximum No. Occupants	Inside Lot; THRU; Corner Lot	Key Lot; Corner Lot Keyed	Lot Size: See over	Ft. rear alley; Ft. side alley; Clerk: Gagnek
GROUP: G	Plans and Specifications checked [signature]	Zone: C-2 & M-1	Fire District No. 2	District Map No. 4988	
For Plans See	Correction Verified [signature]	Bldg. Line Ft.	Street Widening Ft.	Application checked and approved FEB 1 195? [signature] Clerk	
Filed with	Plans, Specifications and Application rechecked and approved. [signature]	Continuous Inspection	SPRINKLER Specified—Required Valuation Included Yes— —No	Inspector Polak	

AP 331 / CA 7427

DO NOT WRITE BELOW THIS LINE — Approx. N E. 1/4

TYPE OF RECEIPT	DATE ISSUED	TRACER NO. (M)	RECEIPT NO.	CODE	FEE PAID
Plan Checking	-9		29657		
Supplemental Plan Checking					
Building Permit	FEB 17		LA52594		

CITY OF LOS ANGELES — APPLICATION FOR CERTIFICATE OF OCCUPANCY — DEPT. OF BUILDING AND SAFETY

C-1

INSTRUCTIONS: 1. Applicant to Complete Numbered Items Only. 2. Plot Plan Required on Back of Original.

CENSUS TRACT 2342
DIST. MAP 4988
ZONE M-1/C-2
FIRE DIST. 3
INSIDE / COR. LOT
KEY / REV. COR
LOT SIZE irreg over
REAR ALLEY
SIDE ALLEY
BLDG. LINE
AFFIDAVITS
DISTRICT OFFICE
GRADING
CRIT. SOIL
HIGHWAY DED.
FLOOD
CONS.
ZONED BY
FILE WITH
INSPECTOR

1. LEGAL DESCR. — LOT / BLK. / TRACT: lot B [redacted] A — PMLA #545
2. PURPOSE OF BUILDING: (17) retail food service & Paved Parking
3. JOB ADDRESS: 3515 Rodeo Rd.
4. BETWEEN CROSS STREETS: Bronson AND Crenshaw
5. OWNER'S NAME: Pioneer Take-Out — PHONE 626-6511
6. OWNER'S ADDRESS: 1310 Echo Park Ave. — P. O. BOX LA — ZONE 90026
7. ARCHITECT OR DESIGNER: Herbert W. Angel — STATE LICENSE NO. C-3274 — PHONE 756-8383
8. ENGINEER: none ~~Herbert W. Angel C-3274 756-8383~~ — STATE LICENSE NO. — PHONE
9. CONTRACTOR: Bilcor Const. Co 252025 ~~756-8383~~ 678-3058 — STATE LICENSE NO. — PHONE
10. SIZE OF NEW BLDG.: 1120sq' — STORIES 1 — HEIGHT 17'6" — NO. OF EXISTING BUILDINGS ON LOT AND USE: none
11. MATERIAL OF CONSTRUCTION: EXT. WALLS stud/plaster — ROOF comp — FLOOR conc
12. JOB ADDRESS: 3515 Rodeo Rd.
13. VALUATION: TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING. $ 33,000 —

PURPOSE OF BUILDING: RETAIL FOOD SERVICE
TYPE: V — GROUP: G-2 — STORIES: 1
BLDG. AREA: 1470 — MAX OCC. — TOTAL: 34
DWELL. UNITS — GUEST ROOMS — SPACES PARKING: REQ'D 0, PROVIDED 0
SPRINKLERS REQ'D / SPECIFIED — CONT. INSP.
VALUATION APPROVED — PLANS CHECKED Whitson — PLANS APPROVED — APPLICATION APPROVED
P.C. No. U3892

P.C.	S.P.C.	G.P.I.	B.P.	I.F.	O.S.	C/O	TYPIST
74.43	—	—	114 / 5.95	—	—	—	ks

Plan check expires six months after fee is paid. Permit expires one year after fee is paid or six months after fee is paid if construction is not commenced.

CASHIER'S USE ONLY

JUL-31-68 53082 D — 6 CK 74.43

OCT-2-68 51291 S •75236 Z — 1 CK 125.95

STATEMENT OF RESPONSIBILITY

I certify that in doing the work authorized hereby I will not employ any person in violation of the Labor Code of the State of California relating to workmen's compensation insurance.

"This permit is an application for inspection, the issuance of which is not an approval or an authorization of the work specified herein. This permit does not authorize or permit, nor shall it be construed as authorizing or permitting the violation or failure to comply with any applicable law. Neither the City of Los Angeles, nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein, or the condition of the property or soil upon which such work is performed." (See Sec. 91.0202 L.A.M.C.)

Signed ... Owner or Agent

		Name	Date
Bureau of Engineering	ADDRESS APPROVED	Warren	7/30
	SEWERS AVAILABLE	Bill Egan Rm. 460	7/30
	NOT AVAILABLE		
	DRIVEWAY APPROVED	W. Volpe	9-30-67
	HIGHWAY DEDICATION REQUIRED	~~Hoffman~~	
	COMPLETED	D. S. Hoffman	9-20-68
	FLOOD CLEARANCE APPROVED		
Conservation	APPROVED FOR ISSUE FILE #		
Plumbing	PRIVATE SEWAGE DISPOSAL SYSTEM APPROVED		
Planning	APPROVED UNDER CASE #		
Fire	APPROVED (TITLE 19) (L.A.M.C.-5700)		

THIS PERMIT IS FOR (Mark one)
☒ NEW BLDG./STRUCTURE ☐ ADD, ALTER, REPAIR EXISTING BUILDING
☐ APT. CONDO ☐ DEMOLITION OF ENTIRE BUILDING

CITY OF LOS ANGELES - DEPARTMENT OF BUILDING AND SAFETY
APPLICATION FOR BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY

INCIDENT CODE

REF. NO.

A

PROJECT ADDRESS: 3519 RODEO RD — SUITE/UNIT NO — CROSS STREETS: CRENSHAW BLVD & BRONSON AVE

TRACT(S) and COUNTY LOT NO. (For alpha tracts) e.g. A (McDonald Tract (M) 10-K): PM 2647 (BR 51-13) — BLOCK — LOT(S) and ARB(S) e.g. 16, 16 (Arb 3), 17, 18: A — DIST. MAP: 120B125 — ASSESSOR'S ID

LOT TYPE: CORNER — LOT SIZE: IRR/h < 1/4ac — ZONE: C2-1 — BUILDING LINE — ALLEY — CENSUS TRACT: 2342 — ADDR. APPD. DATE: YB 6/7/96

SPECIFIC EASEMENTS AND RESTRICTIONS: ZI 1231, ZI 2128 — COUNCIL DIST: 10 — FIRE DISTRICT: 11 — FLOOD ZONE — GRADING — HIGHWAY DED. YES — SEISMIC STUDY

B

PROPERTY OWNER: LIDA RABBANY — PHONE: 310-657-2327 — SUIT/ATTN NO
ADDRESS: 1554 S/N YSIDRO DR.
CITY/STATE/ZIP: BEVERLY HILLS, CA 90210

APPLICANT: BARRY COHAN — PHONE: 213-467-1680 — SUIT/ATTN NO
ADDRESS: 9038 ASHCROFT AVE
CITY/STATE/ZIP: LOS ANGELES, CA 90048

ARCHITECT — NAME — ADDRESS — LIC. CLASS — ACTIVE STATE LIC. NO. — CITY BUS. LIC NO. — PHONE NO.

ENGINEER: BARRY COHAN 9038 ASHCROFT AVE — C36291 — 213-467-1680

CONTRACTOR: N/S

PROPOSED USE OF BUILDING: (46) RETAIL — EXISTING USE OF BUILDING (Leave blank for new buildings): ( )

DESCRIPTION OF WORK: ☐ DAMAGE REPAIR <10% ☐ PATCH PLASTER/DRYWALL ☐ INT. NON-STRUCTURAL REMODEL ☐ DOOR/WINDOW CHANGEOUT ☐ RE-STUCCO/SIDING ☐ RE-ROOF

OTHER (Describe): NEW ONE STORY 6' X 10' KEY SHOP

C

COMPLETE THIS SECTION ONLY FOR ONE AND TWO FAMILY DWELLINGS INVOLVING MECHANICAL WORK IN CONJUCTION WITH THE WORK DESCRIBED IN SEC. "B" ABOVE.
A SEPARATE PERMIT SHALL BE OBTAINED FROM MECHANICAL BUREAU FOR ANY WORK WHICH DOES NOT MEET ANY OF THE FOLLOWING CONDITIONS
☐ ELECTRICAL WORK FOR PANEL SIZE <400 AMPS AND TOTAL FLOOR AREA <10,000 S.F. ☐ PLUMBING (NOT INCLUDING FIRE SPRINKLERS) ☐ HVAC WORK FOR HEATING SIZE < 350,000 BTU AND A.C. SIZE < 25 TONS

DESCRIPTION OF MECHANICAL WORK (Check applicable boxes above)

ELECT. CONTR. — NAME — ADDRESS — LIC. CLASS — ACTIVE STATE LIC. NO. — CITY BUS. LIC NO. — PHONE NO.

PLUMB. CONTR.

HVAC CONTR.

D

NO. OF EXISTING BLDGS. ON LOT AND USE

LENGTH: 10'-0"	WIDTH: 6'-0"	HEIGHT (BUILDING): 9'-9"	FLOOR AREA (BUILDING): 45
STORIES: 1	GROUP OCCUPANCY: M	OCCUPANTS PER GROUP: 1	MAX. OCCUPANCY: 1
DWELLING UNITS: —	GUEST ROOMS: —	CONSTR. TYPE: V-N	LIC. FABRICATOR REQ'D FOR: STR. STEEL.
REQ'D PARKING: N/C / 32	PARKING PROVIDED: STD 19 COMP 11 H.C. 2	HEIGHT (ZONING): 9'-9"	FLOOR AREA (ZONING): 45
LOCATION OF REQ'D FIRE SPRINKLERS		TYPE OF INSPECTION: CS EQ FS MS (GEN) (LA) VN WLA SP	DISTRICT INSP. OFFICE

LATERAL/FOUNDATION SYSTEMS: ☐ SHEARWALL ☐ CONTINUOUS/SPREAD ☐ EB/CIP ☐ PILE/CAISSON ☐ SMRSF/PDMRSF ☐ MAT/BASE ISOLATION ☐ OTHER ☐ OTHER

SPECIAL INSPECTIONS: ☐ CONC > 2000 PSI ☐ MASONRY ☐ FIELD WELDING ☐ REBAR WELDS ☐ GUNITE/SHOTCRETE ☐ GRADING ☐ GRADE BEAMS/CAISSONS ☐ OTHER

E

AC. NO. CC3908

VALUATION (Including all fixed operating equipment) $ 5,800.00

PLAN CHECK: 75.39	SUPP. PLAN CHECK	E.Q. INSTR: 1.16	SUPPLEMENT TO PERMIT NO.
HILLSIDE POSTING	BLDG. PERMIT: 137.81	PLAN MAINT.	PLAN CHECKED BY: N. PEREIRA
PRE-INSPECTION	ELEC. PRMT. (20%)	FIRE HYDRANT	D.A. PLAN CHECKED BY: W. LAW
INVESTIGATION FEE	PLUMB. PRMT. (20%)	ARTS DEV. FEE	ZONING VERIFIED BY: BP/SM n/p DATE: 6/96 8/30/96
RELOCATION FEE	HVAC PRMT. (33%)	SCHOOL DIST. FEE	APPLICATION APPROVED BY: PRINT N. PEREIRA BSD 20132
		SCH. DIST. FL. AREA	SIGN: [signature] DATE 8/30/96

☐ ENERGY ☐ D.A. SURCH. ☐ SURCHARGES ☐ SEWER CAP REQ'D

PLOT PLAN ATTACHED ☒ YES ☐ NO — OTHER ATTACHMENTS (Descr.) ☐ YES

Unless a shorter period of time has been established by an official action, plan check approval expires one and a half years after the fee has been paid. This permit expires two years after the fee has been paid or 180 days after the fee has been paid and construction has not commenced; or if work is suspended, permit expires two years after the fee has been paid or 180 days after the last date of work. Claims for refund of fees paid on permits must be filed within one year from the date of expiration for building permits granted by the Department of Building and Safety (Sec. 22.12 & 22.13 L.A.M.C.).

159.21

B & S 88-B-5 Rev. 3/95 413

FOR CASHIER'S USE ONLY

08/30/96 02:30:20PM LA04 T-80G7 C 18
PLDG PLAN CHK 75.39
SYS DEV 4.32
ONE STOP 1.51
MISCELLANEOUS 5.00
CITY PLAN SURC 2.26
TOTAL 88.68
CHECK 88.68

08/30/96 02:30:20PM LA04 T-80G7 C 18
BLDG PERMIT CO 137.81
INVOICE # 00020132 DB
EX COMMERCIAL 1.16
SYS DEV 8.34
ONE STOP 2.78
MISCELLANEOUS 5.00
CITY PLAN SURC 4.12
TOTAL 159.21
CHECK 159.21

96LA 55359

3519 RODEO RD

... Applicant to Complete Numbered Items Only. 2. Plot Plan Required on Back of Original.

1. LEGAL DESCR. LOT B BLK TRACT Parcel Map # 545 | CENSUS TRACT 2342
2. PURPOSE OF BUILDING B Day Care Center | DIST MAP 4988
3. JOB ADDRESS 3510 W. Exposition Blvd. | ZONE M1-2/C2-2
4. BETWEEN CROSS STREETS BRONSON AVE AND | FIRE DIST. 2
5. OWNER'S NAME Crenshaw Industrial Corp. PHONE 478-3701 | LOT (TYPE) cor thru
6. OWNER'S ADDRESS 1545 Pontius CITY ZIP 90025 | LOT SIZE irreg
7. ARCHITECT OR DESIGNER Richard Amiel Appel STATE LICENSE No. C 5835 PHONE 657-3060
8. ENGINEER Dave Taubman SE 1445 STATE LICENSE No. PHONE 651-0531 | ALLEY /
9. CONTRACTOR Sheldon Appel Const. Co. STATE LICENSE No 24673 PHONE 478 3701 | BLDG. LINE /
10. LENDER BRANCH ADDRESS | AFFIDAVITS VOID
11. SIZE OF NEW BLDG 148 X 45 ~~7,070 sq ft~~ STORIES 2 HEIGHT 20'8" NO. OF EXISTING BUILDINGS ON LOT AND USE ~~none~~ TAKE OUT FOOD
12. MATERIAL OF CONSTRUCTION EXT. WALLS masonry ROOF compo FLOOR wood
13. JOB ADDRESS 3510 W. Exposition Blvd. | DISTRICT OFFICE LA
14. VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ ~~60,000~~ 84,200 | GRADING /

| CRIT. SOIL /

PURPOSE OF BUILDING DAY CARE NURSERY | INSPECTION ACTIVITY CONS GEN (MAJ S) CONS | HIGHWAY DED. yes
TYPE V GROUP S-1 / G-1 STORIES 2 PLANS CHECKED Kirkpatrick | FLOOD /
BLDG. AREA 6100 MAX OCC 1ST Classroom TOTAL 20+20+20+20+20 = PLANS APPROVED | CONS. /
GUEST ROOMS PARKING SPACES REQ'D 14 new PROVIDED 14 APPLICATION APPROVED Kirkpatrick | ZONED BY
SPRINKLERS REQ'D CONT. INSP. | FILE WITH
SPECIFIED
P.C. No. | INSPECTOR
V-4512 3432

142.02	S.P.C.	G.P.I. X	B.P. 271.38	I.F. X	O.S. X	C/O X	TYPIST gl

PLAN CHECK EXPIRES SIX MONTHS AFTER FEE IS PAID. PERMIT EXPIRES ONE YEAR AFTER FEE IS PAID OR SIX MONTHS AFTER FEE IS PAID IF CONSTRUCTION IS NOT COMMENCED.

Oct 23-70 57574 LA U---6CK 142.02
DEC--4-70 64698 •19991 U--9 34.36
DEC--4-70 64699 •19991 U--1 271.38

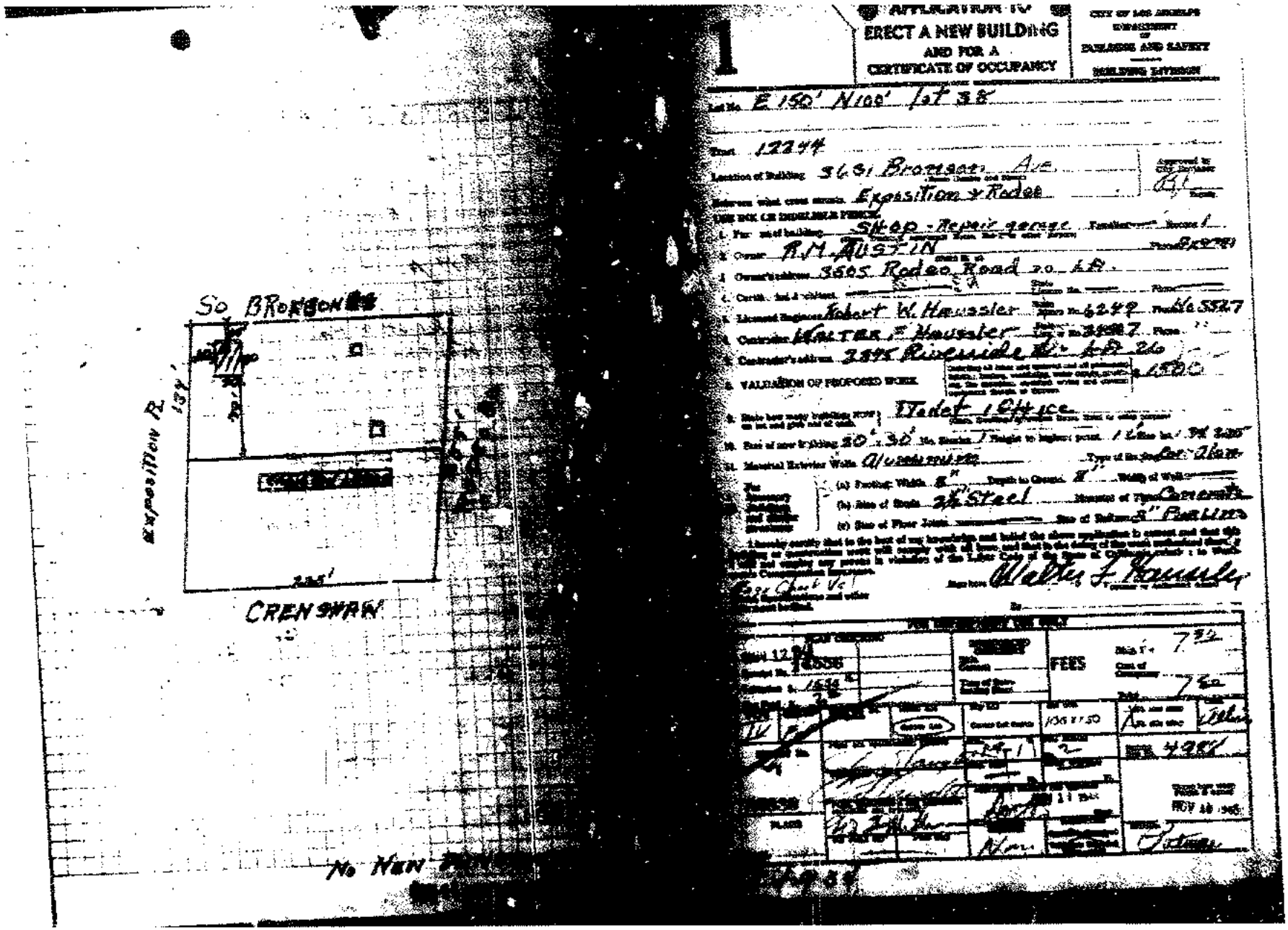
STATEMENT OF RESPONSIBILITY

I certify that in doing the work authorized hereby I will not employ any person in violation of the Labor Code of the State of California relating to workmen's compensation insurance.

"This permit is an application for inspection, the issuance of which is not an approval or an authorization of the work specified herein. This permit does not authorize or permit, nor shall it be construed as authorizing or permitting the violation or failure to comply with any applicable law. Neither the City of Los Angeles, nor any board, department, officer or employee thereof make any warranty or shall be responsible for the performance or results of any work described herein, or the condition of the property or soil upon which such work is performed." (See Sec. 91.0202 L.A.M.C.)

Signed (Owner or Agent)

Bureau of Engineering		Name	Date
	ADDRESS APPROVED	Dalton	10-22-70
	SEWERS AVAILABLE SFC due	1050.00 Habicht	10-22-70
	NOT AVAILABLE		
	DRIVEWAY APPROVED		
	HIGHWAY DEDICATION REQUIRED 5' ROAD PD 20' RADIUS		11-16-70
	COMPLETED		10-23-70
	FLOOD CLEARANCE APPROVED		12/2/70
Conservation	APPROVED FOR ISSUE FILE #		
	PRIVATE SEWAGE DISPOSAL SYSTEM APPROVED		
	APPROVED UNDER CASE # No Zoning rq. less than 20 cycls		
	APPROVED (TITLE 19) (L.A.M.C. ...)		


So BRONSON
Exposition Pl
132'
30'
245'
CRENSHAW
No NEW
APPLICATION TO
ERECT A NEW BUILDING
AND FOR A
CERTIFICATE OF OCCUPANCY
CITY OF LOS ANGELES
DEPARTMENT
OF
BUILDING AND SAFETY
BUILDING DIVISION
E 150' N100' Lot 38
12244
3631 Bronson Ave
Exposition & Rodeo
Shop - Repair garage
R.M. AUSTIN
3605 Rodeo Road
Robert W. Haussler
WALTER F. Haussler
3845 Riverside Dr
Toilet Office
30' x 30'
Corrugated
Concrete
FEES
NOV 10 1945

Form B-958a—(R-37)

CITY OF LOS ANGELES

Certificate of Occupancy

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

Issued March 30, 1960

Address of Building 3670-30 Crenshaw Blvd.

Permit No. and Year LA 55021/60

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses; Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

1 story, type IV, 12' x 30' addition to an existing 1 story, type III-A, 190' x 200' building. G-1 occupancy.

Owner Boys Markets

Owner's Address 5331 Monte Viata Los Angeles, Calif.

G. E. MORRIS, Superintendent of Building—By L. L. THAYNE ap

Address of Building

3630 Crenshaw Blvd.

CITY OF LOS ANGELES

Certificate of Occupancy

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses; Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act—for following occupancies:

Issued 4-2-64 Permit No. and Year LA 62564 - 64

1 story, type IV, 24' x 138' change of occupancy from service station to service station and auto repair. F-1 occupancy.

Owner Wilshire Oil Co.

Owner's Address 5001 Wilshire Blvd. Los Angeles, Calif.

Form B-[illegible]—2M Sets—4-63 (C-10)

J. C. MONNING, Superintendent of Building—By K. W. HULL myb

Address of Building: 3644 Crenshaw Blvd.

CITY OF LOS ANGELES

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act—for following occupancies:

Issued 4/14/69 Permit No. and Year LA 66003/68

1 story, type IV, 30'x55' and 25' x 52' irregular shaped service station and minor auto repair. F-1 occupancy.

Owner Gulf Oil Corp.

Owner's Address 1801 Ave. of the Stars
Century City
Los Angeles, Calif.

By C. WILSON SS

Form B-95b—1500 Sheet Sets—8-68 (C-10)

Address of Building 3646 Crenshaw

CITY OF LOS ANGELES

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Law—for following occupancies:

Issued 11-23-81 Permit No. and Year LA 22419/81

1 story, type V, 38'x48'6", flower shop. G1 occ. 4 parking spaces required. 29 parking spaces provided.

0 0 5 0 0 4 0 0 2 8 6

Owner Jack D. Moyer

Owner's Address 11911 San Vicente
Los Angeles, CA 90049

Form B-95b

BY W. McCLIVE/kc

Address of Building 3642 Crenshaw

CITY OF LOS ANGELES
CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Law—for following occupancies:

Issued 12-2-81 Permit No. and Year LA 21689/81

1 story, type V, 27'10"x43'10", donut shop.
G2 occ. 3 required parking spaces provided.

0 0 5 0 0 4 0 0 2 8 1

Owner Moyer Rodeo Associates
Owner's Address P. O. Box 49832
Los Angeles, CA 90049

Form B-95b

BY W. McCLIVE/kc

Address of Building 3644 Crenshaw

CITY OF LOS ANGELES

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Law—for following occupancies:

Issued 12-29-81 Permit No. and Year LA 22418/81; 32824/81
31301/81

1 story, type V, 50'-8"x80'-8", laundrymat
20 parking spaces required and 29 spaces
provided. G-1 occupancy

0 0 5 0 0 4 0 0 2 8 2

Owner Jack D. Moyer
Owner's Address 11911 San Vicente
Los Angeles, CA 90049

Form B-85b

BY W. McCLIVE:gs

CITY LA DBS
DEPARTMENT OF BUILDING AND SAFETY
CODE ENFORCEMENT BUREAU

CUSTOMER SERVICE REQUEST

CSR No.: 156048
CALL DATE: February 2, 2007 1:56 pm
DUE BY: February 7, 2007 1:56 pm
SOURCE:
TAKEN BY: LORENA ROSS

GENERAL ENFORCEMENT
CRAIG DAVIS
PRIORITY:3

CASE #:

3644 S CRENSHAW BLVD 90018

APN: 5044-002-006 ZONE: C2

LADBS Branch Office	LA	Council District	10
Cmpt. Fill Grd.	CFG-2000	Community Plan Area	West Adams - Baldwin Hi
Census Tract	2342.00	Area Planning Commission	South Los Angeles
Energy Zone	8	Fire District	2
Earthquake-Induced Liquefaction Area	Yes	Near Source Zone Distance	2.2
Thomas Brothers Map Grid	673-E1	District Map	120B185
Certified Neighborhood Council	Untd Nghbrhds of Hstrc A	LAPD Bureau	SOUTH
LAPD Division	SOUTHWEST	LAPD Reporting District	0373
City Planning Cases	CPC-1983-506-SP	City Planning Cases	CPC-1995-80-CPR
City Planning Cases	CPC-1999-2293-ICO	Community Redevelopment Area	ZI 2174 MID-CITY COR
Ordinance	ORD-162128	Ordinance	ORD-171682
Ordinance	ORD-172913-SA910	Ordinance	ORD-173607
Specific Plan Area	South Los Angeles Alcohol Sales	Zoning Information File	ZI-2128 Mid-Alameda Corridor State Enterprise Zone
Zoning Information File	ZI-2174 Mid City Recovery Redevelopment Project	Zoning Information File	ZI-2280 Mid City Recovery Redevelopment Project
Zoning Information File	ZI 2280	Low to moderate income %	37.19%
City Planning Cases	CPC-2002-3854-SP	Community Development Block Gr	SEZ-Mid-Alameda Corridor State Enterprise Zone
Community Development Block Gr	LARZ-Central City	City Planning Cases	CPC-1986-821
Ordinance	ORD-165481-SA4705	Ordinance	ORD-165481-SA4710
CNAP area	2	Specific Plan Area	Crenshaw Corridor

PROBLEM: MISCELLANEOUS COMPLAINTS
CALLER COMMENT: ROOF DRAINING ONTO PARKING AREA OF 3630 S CRENSHAW
COMMENT:

SITE OWNER: ST AND GHALILI,SOLEIMAN AND LOUISE TRS GHALILI FAMILY TRU
0 P O BOX 67311
LOS ANGELES, CA 90067
Contact ID: AC357245

EXISTING UNRESOLVED CSR'S ON THIS PARCEL PIN # 120B185 1398
NO CURRENT UNRESOLVED SERVICE REQUEST ON THIS PARCEL

THERE ARE NO EXISTING CASES LISTED ON THIS PARCEL

RESOLUTION: ☑ No Violation ☐ Duplicate Complaint ☐ Start a Case ☐ Refer to:

APPROVED USE: _____ PRESENT USE: _____ STORIES: _____ TOTAL DWELLING UNITS: _____

CONSTRUCTION TYPE: _____ APPROXIMATE SIZE: _____ X _____

DWELLING UNITS IN VIOLATION: _____ NON RESIDENTIAL SQUARE FOOTAGE IN VIOLATION: _____

USES: ☐ YARDS: ☐ OTHER STRUCTURES: ☐ HOME OCCUPATION: ☐

HISTORICAL PRESERVATION OVERLAY ZONE: ☐ RECYCLING CENTER: ☐ CONSTRUCTION EQUIPMENT: ☐

CITY OF LOS ANGELES
CALIFORNIA

ANTONIO R. VILLARAIGOSA
MAYOR

ORDER TO COMPLY

ST AND GHALILI,SOLEIMAN AND LOUISE TRS GHALILI FAMILY TRU
0 P O BOX 67311
LOS ANGELES, CA 90067

CASE #: 255810
ORDER #: A-2163218
EFFECTIVE DATE: May 08, 2009
COMPLIANCE DATE: **July 07, 2009**

OWNER OF
SITE ADDRESS: **3646 S CRENSHAW BLVD**
ASSESSORS PARCEL NO.: 5044-002-006
ZONE: C2; Commercial Zone

An inspection has revealed that the property (Site Address) listed above is in violation of the Los Angeles Municipal Code (L.A.M.C.) as follows:

THE PARALLEL DOUBLE FACE POLE SIGN 40' HIGH LOCATED ON THE SOUTHEAST PORTION OF THE LOT

With a face configuration of:
FACE A: 12' " X 24' ", FACING WEST, 90 DEGREES FROM RODEO RD -CLEAR CHANNEL OUTDOOR, INC. SIGN ID # 1091
FACE B: 12' " X 24' ", FACING EAST, 90 DEGREES FROM RODEO RD -CLEAR CHANNEL OUTDOOR, INC. SIGN ID # 6398
is in violation of the Los Angeles Municipal Code (L.A.M.C.) as follows:

VIOLATION(S):

1. **Sign constructed without a valid building permit.**

   You are therefore ordered to: 1) Discontinue the use of the unapproved sign constructed without permits and approvals.
   2) Obtain the required permits and approvals to demolish and remove the sign and/or sign support structure.

   Code Section(s) in Violation: 91.6216.3, 91.103.1, 12.21A.1.(a) of the L.A.M.C.

NON-COMPLIANCE FEE WARNING:

YOU ARE IN VIOLATION OF THE L.A.M.C. IT IS YOUR RESPONSIBILITY TO CORRECT THE VIOLATION(S) AND CONTACT THE INSPECTOR LISTED BELOW TO ARRANGE FOR A COMPLIANCE INSPECTION BEFORE THE NON-COMPLIANCE FEE IS IMPOSED. Failure to correct the violations and arrange for the compliance inspection within 15 day from the Compliance Date, will result in imposition of the fee noted below.

A proposed noncompliance fee in the amount of **$100.00** may be imposed for failure to comply with the order within 15 days after the compliance date specified in the order or unless an appeal or request for slight modification is filed within 15 days of the compliance date.
If an appeal or request for slight modification is not filed within 15 days of the compliance date or extensions granted therefrom, the determination of the department to impose and collect a non-compliance fee shall be final. Section 98.0411 L.A.M.C.

NOTE: FAILURE TO PAY THE NON-COMPLIANCE FEE WITHIN 30 DAYS AFTER THE DATE OF MAILING THE INVOICE, MAY RESULT IN A LATE CHARGE OF TWO (2) TIMES THE NON-COMPLIANCE FEE PLUS A 50 PERCENT COLLECTION FEE FOR A TOTAL OF **$350.00.**

CITY OF LOS ANGELES
CALIFORNIA

ORDER TO COMPLY

ST AND GHALILI,SOLEIMAN AND LOUISE TRS GHALILI FAMILY TRU
0 P O BOX 67311
LOS ANGELES, CA 90067

CASE #: 255810
ORDER #: A-2163218
EFFECTIVE DATE: May 08, 2009
COMPLIANCE DATE: **July 07, 2009**

OWNER OF
SITE ADDRESS: **3646 S CRENSHAW BLVD**
ASSESSORS PARCEL NO.: 5044-002-006
ZONE: C2; Commercial Zone

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With a face configuration of:
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FACE B: 12' " X 24' ", FACING EAST, 90 DEGREES FROM RODEO RD -CLEAR CHANNEL OUTDOOR, INC. SIGN ID # 6398
is in violation of the Los Angeles Municipal Code (L.A.M.C.) as follows:

VIOLATION(S):

1. **Sign constructed without a valid building permit.**

   You are therefore ordered to: 1) Discontinue the use of the unapproved sign constructed without permits and approvals.
   2) Obtain the required permits and approvals to demolish and remove the sign and/or sign support structure.

   Code Section(s) in Violation: 91.6216.3, 91.103.1, 12.21A.1.(a) of the L.A.M.C.

NON-COMPLIANCE FEE WARNING:

YOU ARE IN VIOLATION OF THE L.A.M.C. IT IS YOUR RESPONSIBILITY TO CORRECT THE VIOLATION(S) AND CONTACT THE INSPECTOR LISTED BELOW TO ARRANGE FOR A COMPLIANCE INSPECTION BEFORE THE NON-COMPLIANCE FEE IS IMPOSED. Failure to correct the violations and arrange for the compliance inspection within 15 day from the Compliance Date, will result in imposition of the fee noted below.

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If an appeal or request for slight modification is not filed within 15 days of the compliance date or extensions granted therefrom, the determination of the department to impose and collect a non-compliance fee shall be final. Section 98.0411 L.A.M.C.

NOTE: FAILURE TO PAY THE NON-COMPLIANCE FEE WITHIN 30 DAYS AFTER THE DATE OF MAILING THE INVOICE, MAY RESULT IN A LATE CHARGE OF TWO (2) TIMES THE NON-COMPLIANCE FEE PLUS A 50 PERCENT COLLECTION FEE FOR A TOTAL OF **$350.00.**

Address of Building ..... 3505 Rodeo Road

Permit No. and Year ..... LA 23-1950

Certificate Issued ..... May 31, ... 19 50

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses; Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

1 Story, Type V, 17' x 140', Auto Laundry and Food Establishment, G-1 Occupancy

EXCEPT FOR DEVIATIONS APPROVED BY BOARD OF BLDG. & SAFETY COMMISSIONERS

Owner: Crenshaw Auto. Service Center

Owner's Address: 3505 Rodeo Road
Los Angeles 16, Calif.

Form B-95a—20M—8-49 **G. E. MORRIS, Superintendent of Building** By ..... U. Shimotsuka

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

Address of Building: 3505 Rodeo Road

Permit No. and Year: LA 63340 - 1953

Certificate Issued: August 17, 1953

NOTE: Any change of use or occupancy Must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch 1, as to permitted uses; Ch. 9, Arts. 12, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

Convert 1 Story, Type V, 20(x 25' Upholstery Shop
to Auto Seat Cover Shop
F-1 Occupancy

Owner: Silver Arrow System, Incorporated

Owner's Address: 3505 Rodeo Road
Los Angeles 18, California

Form B-695a—10M—2-53 G. E. MORRIS, Superintendent of Building By JOHN D. MILLER se

Address of Building: 3505 Rodeo Rd.

Permit No. and Year: LA 52594 - 1953

Certificate Issued: June 29, 1954, 19

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy Must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch 1, as to permitted uses; Ch. 9, Artss.11, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

1 Story, Type V, 20' x 25' Upholstery Shop.
G-1 Occupancy.

Owner: Silver Arrow System
Owner's Address: 3505 Rodeo Rd.
Los Angeles 16, California

WILLIAM A. TINKER ag

Form B58-95-a—20M—11-53 G. E. MORRIS, Superintendent of Building By.....

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

Address of Building: 3505 Rodeo Road

Permit No. and Year: LA 99580 - 1954

Certificate Issued: June 3, 1955 19....

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses; Ch. 9, Artss. 1, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

1 Story, Type IV, 5' x 12' Sign and shelter.

(miscellaneous structure)

Owner: Silver Arrow System

Owner's Address: 3505 Rodeo Rd. Los Angeles 16, Calif.

WILLIAM A. TINKER

Form B-995a—20M—12-54

G. E. MORRIS, Superintendent of Building

By.....

Address of Building: 3509 Rodeo Road

CITY OF LOS ANGELES

Certificate of Occupancy

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses; Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

Issued: 4-5-61 Permit No. and Year: LA 79689 - 61

1 story, type V, 19'6" x 23' canopy addition to an existing 1 story, 24' x 90' restaurant and carwash. G-2 occupancy.

Owner: G. Jackson
Owner's Address: 3509 Rodeo Road, Los Angeles, Calif.

K. W. Hull as

Form 8-9515b—1M Sets—12-60 (R-37)

J. C. MONNING, Superintendent of Building—By.....

Addresss of Buildingg 3515 Rodeo Rd.

CITY OF LOS ANGELES

CERTIFICATE OF OCCUPANCY

NOTE:: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifiifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requiremements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State HcHousing Act—for following occupancies:

Issued 3/21/69 Permit No. and Year LA 75236/68

1 story, type V, 28' x 40' retail food service and paved parking. 34 maximum occupancy. G-2 occupancy.

Owner Pioneer Take-Out

Owner's's Addressss 1310 Echo Park Ave.
Los Angeles, Calif. 90026

Form 8-95b—1500 Sheet Sets—8-68 (C-10)

By C. WILSON ss

Address of Building: 3519 Rodeo Road

CITY OF LOS ANGELES

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act--for following occupancies:

Issued: 7/16/69 Permit No. and Year LA 84282/69

1 story, type V, 4' x 9' drive through film drop. G-1 occupancy.

Owner: Fotomat Corp.

Owner's Address: 16906 Bellflower
Bellflower, California

Form B-95b—1500 Sheet Sets—3-69 (C-10)

By C. WILSON ss

Address of Building 3510 West Exposition Boulevard

CITY OF LOS ANGELES

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses, Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Law—for following occupancies:

Issued 6/11/71 Permit No. and Year LA 19991/70

2 story, type V, 45' x 148' day care center. 100 maximum occupancy in classrooms. 14 required parking spaces provided. S-1, G-1 occupancy.

Owner Crenshaw Industrial Corp.

Owner's Address 1545 Pontius
Los Angeles, California 90025

Form B-95b—6M Sets—8-70 (C-10) 19105212[illegible]1999 By D. MILLER ss

364 E. Bronson — Address of Building

W. F. Thompson — Owner

1500 W. Vernon — Owner's Address

L. A. 37 (Post Office) (Zone) (State)

27782 Permit Number 1947 Year

Form B-95—30M—11-48

CITY OF LOS ANGELES
DEPARTMENT
OF
BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

Date Certificate Issued: Dec. 20, 1948

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Chapter 1, as to permitted uses of said property; Chapter 9, Articles 1, 3, 4, and 6; and with the applicable requirements of the State Housing Act,—for the following occupancies:

1 Store, Type V, 10'x 15', Hamburger stand, G Occupancy

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

G. E. MORRIS
Superintendent of Building

By J. Trujillo

Address of Building 3631 Bronson Ave.

Permit No. and Year La 32832 1948

Certificate Issued 12/6/49 19

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: (b. 1. as to permitted uses; Ch. 5, Arts. 1, 3, 4, and 5) and with applicable requirements of State Housing Act,—for following occupancies:

1 Story, Type V, 20 x 30 repair Garage
F-1 Occupancy

Owner G. W. Austin
Owner's Address 3509 Rodeo Rd. Los Angeles 16, Calif.

Faye Greenberg

Form B-93a—2CM—8-49 O. K. MORRIS, Superintendent of Building By

Address of Building: 3635 S. Bronson

Permit No. and Year: LA 39304 - 1952

Certificate Issued: December 11 19 52

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy Must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch 1, as to permitted uses; Ch. 9, Arts. 1, 2, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

1 Story, Type IV, 20x40; Polish Canopy. J-1 Occupancy.

Owner: Mr. D. Almond

Owner's Address: 1128 N. Sweetzer
Los Angeles 46, California

Form B-0034—2M—10-51 G. E. MORRIS, Superintendent of Building By JOHN D. MILLER hg

Anita- D:\home\z68ewjlrequests\aug03\r1311\r1311_combined_methane&methane_buffer_zones

METHANE AND METHANE BUFFER ZONES

CITY OF LOS ANGELES

Prepared by GIS Mapping, Bureau of Engineering, Dept. of Public Works - 03/31/04

BASIC GRID MAP
CITY OF LOS ANGELES
BUREAU OF ENGINEERING
Ordinance 175,790

JAMES K. HAHN
MAYOR

Methane Zone
Methane Buffer Zone
Council District Boundary

GARY LEE MOORE, P.E.
CITY ENGINEER

NOTIFICATION OF UNDERGROUND TANK ABANDONMENT

3-31-81
(Date)

City of Los Angeles Fire Department
Fire Prevention Bureau
200 North Main Street, Room 920
Los Angeles, California 90012

Attention: Records Office

Gentlemen:

This letter is to comply with Fire Department regulations regarding underground tank abandonment. (57.31.16).

The tank(s) was/were located at the following street address:

3630 ALEXANDRIA BLVD.

The tank(s) was/were located from 2 property lines as follows:

(Show sketch on reverse side.)

The number of tank(s) 3 and total capacity in gallons each 2 - 10,000 — 1 - 8,000

WHEN REMOVED:

The label numbers (or other tank designation numbers) were as follows: #34660-2 (LAFD) 8000 —— #38641 (LAFD) 10,000

The tank(s), prior to transporting was/were degassed, using 300 pounds of carbon dioxide (dry ice). (One pound CO_2 per hundred gallons capacity of tank).

The tank(s) was/were removed to: 22400 MONETA AVE. — CARSON

WHEN FILLED:

Approved mixture type _____, using _____ cu. yards total. The material was supplied by: _____.

The abandonment work was inspected by: _____.
Fire Inspector

_____
Signature of Responsible Person

FPB #66

N
RHODES RD
CRENSHAW BLVD

F-280

FIRE DEPARTMENT — CITY OF LOS ANGELES

APPLICATION FOR PERMIT

Reg. No. D306

Date 3/30/81

Name of Owner: JACK Mayer INC	Doing Business As:
Address of Owner: 3630 Crenshaw Blvd	Owner's Phone:
Address of Installation: SAME	Phone at Installation:
Mail Permit to: B & W CONSTRUCTION 8484 Crenshaw Inglewood CA. 90305	
Signature of Applicant: Joe Williams	Title: Partner.
	Contractor's Phone: 778-5891

Do Not Write Below This Line

NO.	ITEM	FEE
3	REMOVE 3 U/G TANKS 1-5000 2-10000	$124.00
	5205.D 9	

Total Fee	Approved	Disapproved	Date	Inspector
$124.00	☒	☐	3-30-81	J.D. Logan

Granted 3/23/78

Expires 4/23/78

Fire Department
City of Los Angeles
PERMIT

Reg. No. 33169

Fee Paid $55.00

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name Gulf Oil Co.

PERMIT GRANTED MAR 22 1978

Mail to Gulf Oil Company
13415 Carmelita Road
Santa Fe Springs, Calif. 90670

Permit to: transfer liquified flammable gas in a manner nc otherwise reglated by this article

Location 3644 Crenshaw Blvd.

BY ORDER OF CHIEF ENGINEER

By: _____ Fire Marshal

F-350—3M Sets—8-71 (F-79)

Granted 7/8/74

Expires 7/8/75

Fire Department
City of Los Angeles
PERMIT

Reg. No. 57657

Fee Paid $10.00

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name Gulf Oil Co.

PERMIT GRANTED JUL 8 1974

Mail to Stanton Construction Co.
2322 W. 3rd Street
Los Angeles, Calif. 90057

Permit to: alter piping as per plans and specifications submitted to the Fire Prevention Bureau.

Location 3644 Crenshaw Ave.

BY ORDER OF CHIEF ENGINEER

By: _____ Fire Marshal

F-350—1500 Sets—1-67 (F-79)

Granted 5-9--68
Expires 5-9--69

Fire Department
City of Los Angeles
PERMIT

Reg. No. 13854
Fee Paid $40.00

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name: Gulf Oil Corporation

Mail to: McAlpine & Redfearn
15709 Illinois
Paramount, California

MAY 9 1968

Permit to: Install 4 Atmospheric tanks, shop built and a abandon 3 atmospheric tanks as per plans and specifications submitted to the Fire Prevention. Subject to field inspectors approval at the site.

Location: 3630 Crenshaw Blvd.
Los Angeles, California

BY ORDER OF CHIEF ENGINEER
By: William R. Ross
Fire Marshal

F-350—1500 Sets—1-67 (F-79)

Granted 5-15-68
Expires

Fire Department
City of Los Angeles
PERMIT

Reg. No. 13882
Fee Paid $10.00

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name: Gulf Oil

Mail to: Valley Loader Service Inc.
P. O. Box 3428
Van Nuys, California 91407

MAY 14 1968

Permit to: abandon 3 atmospheric tanks, as per plans and specifications of the Fire Prevention Bureau. Subject to the field inspectots approval at the sit

Location: Crenshaw Blvd.
and Rodeo Road
Los Angeles, California

BY ORDER OF CHIEF ENGINEER
By: William R. Ross
Fire Marshal

F-350—3M—7-65 F-79

Granted 1-4-66

Expires 1-4-67

Fire Department
City of Los Angeles
PERMIT

Reg. No. 9615

Fee Paid $16.00

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name
Gulf Oil Corporation

Mail to
S. C. Hatfield & Assoc., Inc.
1025 North Lake
Burbank, California

Permit to: Install 2 atmospheric tanks, shop built as per plans and specifications submitted to the Fire Prevention Bureau.

REINSPECTED 1965

Location
3630 Crenshaw Blvd.

BY ORDER OF CHIEF ENGINEER
Thomas F. Turley
By: _____ Fire Marshal

F-350—3M Sets—4-64 (F-79)

Granted 1-4-66

Expires _____

Fire Department
City of Los Angeles
PERMIT

9638

Reg. No. 9833

Fee Paid $10.00

In accordance with terms of the application on file with the Fire Prevention Bureau, permission is granted to:

Name
GULF OIL COMPANY

Mail to
DAY SONS CRANE SERVICE
1448 N VALINDA
VALINDA CALIFORNIA

Permit to: ABANDON TWO ATMOSPHERIC TANKS AS PER SPECIFICATIONS OF THE FIRE PREVENTION BUREAU.

Location 3630 CRENSHAW BLVD

WILLIAM L. MILLER, CHIEF ENGINEER
By: Thomas F. Turley Fire Marshal

3630 Crenshaw Blvd. — Address of Building

Craig Oil Co. Inc. — Owner

5001 Wilshire Blvd. — Owner's Address

Los Angeles 36, Calif.

24772 — Permit Number — 1947 — Year

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

Date Certificate Issued

MAR 18 1948, 19

This certifies that, so far as ascertained by or made known to the undersigned, the building at the above address complies with the applicable requirements of the Municipal Code, as follows: Chapter 1, as to permitted uses of said property; Chapter 9, Articles 1, 3, 4, and 5; and with the applicable requirements of the State Housing Act,—for the following occupancies: Ok 3-26-48

1 Story Type IV Service Station 24 x 138
F-1 & G-1 OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

Form B-95—30M—1-48

G. E. MORRIS
Superintendent of Building

By

F-340

DIST. NO. 152 | REG. ☐ | SPEC. ☒

OCCUPANCY A.F.S.

CITY OF LOS ANGELES
DEPARTMENT OF FIRE
NOTICE OF HAZARD

No 97474

DATE 6/26/73

TO: MONS GULF

ADDRESS 3644 CRENSHAW BVD.

ADDRESS OF HAZARD SAME

VIOLATION OF LAMC SECTION 57.

OK 4/16
(1) Recharge & properly mount All Fire Extinguishers on the premises.

OK (2) Provide Stop Motor No Smoking signs over each pump island.

OK (3) Remove & safely dispose of all combustible rubbish and/or dry vegetation on the premises

HAZARDS AS ENUMERATED SHOULD BE CORRECTED ON OR BEFORE RE-INSPECTION

DATE July 23, 1973

DATE COMPLETED 8/20/73

INSPECTOR Ronald P. Marano

For Additional Information Phone 485-6072 670-2875

WILLIAM L. MILLER, Chief Engineer

BY Ronald P. Marano
ASSIGNMENT

Form 526.1(a)—Rev. 7-70—5M Sets (M-46-46)

APPLICATION FOR FIRE PERMIT

OFFICE OF THE CITY CLERK — LOS ANGELES

FEES

PERMIT GRANTED

NAME OF OWNER(S) MANOLL Y ELHILO	
DOING BUSINESS AS MONJ GULF SERVICE	Permit Fee $ 4.00
BUSINESS ADDRESS OR LOCATION DESCRIPTION 3644 CRENSHAW BL ZN 16	Penalty $
MAILING ADDRESS SAME	Total $ 24.75
TYPE OF BUSINESS AUTO FUELING STATION — DATE STARTED 9-72	TELEPHONE NUMBER 296 9368

CLASSIFICATION CODE	NEW OR TRANSFER	MAXIMUM CAPACITY	MAX. QUANTITY—HAZARDOUS MATERIAL	OIL WELL, LAFD No.
702	T		JUL 5 1973	

NOTICE TO APPLY: You are hereby directed to apply and pay the required fee to the City Clerk for a Fire Permit on or before _____ or penalty will apply.

FORMERLY AT 2349 Crenshaw Bl

Issued by: _____ Date _____
INSPECTOR

APPROVED: Donald Manno Date 6/26/73

APPLICATION FOR PERMIT: I hereby declare that I am the owner of the above business or authorized representative of the owner and that I am in charge of the business, operation, occupation or premises described herein. I agree to comply with all Regulations, Laws or Ordinances pertaining to or regulating such business that are now in effect or that may be hereafter adopted.

SIGNATURE OF APPLICANT Manoll Y Elhilo

Title Owner Date 6/16/73

OFFICE COLLECTION	INSPECTOR REPORT	OFFICE BILLING
Fee $_____	Fee $_____	Fee $_____
Penalty _____	Penalty _____	Penalty _____
Total _____	Total _____	Total _____

F 988255 — PERMIT NUMBER

TR 426437 Sam Bufkin — DEPUTY CITY CLERK

TO BILLING UNIT — INITIAL / DATE

NO BILLING REQUIRED — INITIAL / DATE

Form 526.1 (a) Rev.

PPLICATION FOR FIRE PERMIT

OFFICE OF THE CITY CLERK — LOS ANGELES

NAME OF OWNER(S) ROBERT C COULES/DONNA KAY	
DOING BUSINESS AS CRENSHAW RODEO GULF	FEES
BUSINESS ADDRESS OR LOCATION DESCRIPTION 3630 S CRENSHAW BLVD ZN 16	Permit Fee $_____
MAILING ADDRESS SAME	Penalty $_____
TYPE OF BUSINESS AUTO FUELING STATION — DATE STARTED 6/16/69	Total $_____
TELEPHONE NUMBER 296 9031	

NO. OF VEHICLES	CLASSIFICATION CODE	NEW OR TRANSFER	MAXIMUM CAPACITY	MAX. QUANTITY-HAZARDOUS MATERIAL	OIL WELL, LAFD No.
	702	04			

NOTICE TO APPLY: You are hereby directed to apply and pay the required fee to the City Clerk for a Fire Permit on or before _____ or penalty will apply.

Issued by: _____ Date _____
INSPECTOR

PERMIT GRANTED

APPROVED: Joe J Simpson Date 8-26-69

APPLICATION FOR PERMIT: I hereby declare that I am the owner of the above business or authorized representative of the owner and that I am in charge of the business, operation, occupation or premises described herein. I agree to comply with all Regulations, Laws or Ordinances pertaining to or regulating such business that are now in effect or that may be hereafter adopted.

SIGNATURE OF APPLICANT Robert C Coules

Title PARTNER Date 6/24/69

OFFICE COLLECTION	INSPECTOR REPORT	OFFICE BILLING
Fee $ 16.50	Fee $_____	Fee $_____ AUG 27 1969
Penalty _____	Penalty _____	Penalty _____
Total 16.50	Total _____	Total _____

F 808392-702 — PERMIT NUMBER

C B HALL — DEPUTY CITY CLERK

TO BILLING UNIT — INITIAL / DATE

NO BILLING REQUIRED — INITIAL / DATE

1-7-66

Tank & Piping Pit

L Level

INSPECTION RESPONSIBILITY
JAN 3 - 1966
Date

West

5/17/68

All Tanks Removed on this date

MOW

NAME Colorado Self Service Inc. ADDRESS 3630 Crenshaw Blvd. No. 8410

DBA Golden Eagle Service DATE 3-9-54 Code 3-A

ON ..... Side of Street—between ..... and .....

BOARD OF FIRE COMMISSIONERS, CITY OF LOS ANGELES:

In conformance with the Ordinances of the City of Los Angeles and under the supervision of the Chief Engineer of the Fire Department or his duly authorized representative, application is hereby made for

AN ORIGINAL PERMIT ☐ A RENEWAL OF PERMIT ☐ A TRANSFER OF PERMIT ☒ to install or maintain

☐ AIRCRAFT FUELING POST	☒ AUTO FILLING STATION	☐ PUBLIC GARAGE
☐ AIR VEHICLE FACTORY	☐ AUTO PARKING STATION	☐ PUBLIC OIL DEPOT
☐ AIR VEHICLE HANGAR XXX	☐ PUBLIC FILLING STATION	☐ TENANT GARAGE

Applicant is a CORPORATION—ASSOCIATION—PARTNERSHIP—INDIVIDUAL (Indicate by placing an X above type of organization.)

Signature John R. Bloss Title Asst. Mgr. Applicant's Phone .....

Mail Address Same

SPACE BELOW THIS LINE FOR DEPARTMENTAL USE ONLY

Perimeter of property in linear feet: 700

and to install or maintain in connection therewith TANKS AND DISPENSING APPARATUS AS FOLLOWS:

No. of Tanks	Capacity	Contents	Make & Symbol	LAFC No.	Location
3	4000				
1	5000				
1	550				

All Tanks Abandoned 5/17/68

5 TANKS 15,550 GALS. UNDERGROUND STORAGE—AND ..... PORTABLE TANKS OF ..... Gallons Capacity.

First Inspection Date 3-11-54 Last Inspection Date 3-11-54 Inspector Robert R Burton

Recommendation: (APPROVAL)—DISAPPROVAL—CANCELLATION—Violation of Ordinance No. ..... Section .....

Previous Permit Granted 7-16-53 (date)

Former Permittee ..... (for use on transfer of permit only)

To Detail ..... (date) By .....

Inspector Completed MAR 25 1954 (date)

Prepared for Comm. ..... (date) By .....

Remarks: .....

F-323-A—10M Sets—2-52

DISPENSING APPARATUS

No. Make and Symbol LAFC Location

.....

.....

..... Issued .....

.....

.....

..... Dispensing Units of which ..... are Visible ..... are Meter and ..... are Blind.

CHECK SHEET

GARAGES AND PARKING STATIONS

Area Used ..... Square Feet
Open Lot Only .....
Height of Bldg. ..... Type .....
Basement ..... Sub-Basement .....
Basement Openings Protected .....
Basement Ventilation .....
CO^2 ..... CTC ..... S & A .....
Foam ..... Dry Powder .....
Condition of Extinguishers .....
Condition of Sprinkler System .....
Occupancy Separation .....
Partitions Separating Repair Shop from
Storage and Gasoline Dispensing .....
Housekeeping ..... Wall Vents .....
Condition of Wiring & Elec. Equip. .....
.....
Suction System for Tire Buffers .....
.....
Location & Condition of Pit .....
Storage of Flammable Liquids for:
Cleansing Parts .....
Spraying with Flammable Liquids .....
Approved Automobile Spray Booth .....
Spot Painting Only .....
Storage of Rubber Solvent, Cement .....
Mixing of Rubber Cement .....
Storage of Lube Oil .....
"No Smoking" Signs .....
Metal Containers for Combustible Waste .....
.....
Disposal of Waste Oil .....
Canvas and/or Paper Covers over Motor Vehicles .....
.....
Type of Open Flame .....

~~AIRCRAFT FUELING POST~~ FILLING STATION

Perimeter of Property, linear ft. .....
Height of Bldg. ..... Type of Bldg. .....
Open Lot Only .....
Distance between Dispenser & Property Line .....
Electric Wiring and Equipment .....
Location of Power Control .....
Type of Power Control .....
Occupancy Separation .....
Vapor-Proof Globes .....
Fluorescent Lights .....
Neon Lights .....
CO^2 ..... CTC ..... S & A .....
Foam ..... Dry Powder .....
Condition of Extinguishers .....
Signs ("No Smoking—Stop Motor") .....
Metal Receptacles for Combustible Waste .....
.....
Disposal of Waste Oil .....
Housekeeping .....
Condition of Pit or Lube Rack .....
Amount of Lube Oil .....
Capacity of Lube Oil Container .....
Type of Containers .....
Amount of Kerosene—Solvent .....
Type of Containers .....
Vent Pipes ..... Fill Pipes .....
Suction Pipe Lines .....
Return Pipe Lines .....
Overflow Pipe Lines .....
Air Exhaust Pipe Lines .....
Curb Pipe Fill Line .....
Illegal Repairing Being Performed .....
Was C. of O. Granted? .....
Location & Type of Heater .....

4988

NAME Craig Oil Company

DBA Same

ON East Side of Street ~~between~~ Exposition Pl. and Rodeo Rd ADDRESS 3630 [illegible]

Code 3-A

Date 6-9-47

BOARD OF FIRE COMMISSIONERS, CITY OF LOS ANGELES:

In conformance with the Ordinances of the City of Los Angeles and under the supervision of the Chief Engineer of the Fire Department or his duly authorized representative, application is hereby made for

AN ORIGINAL PERMIT [X] A RENEWAL OF PERMIT ☐ A TRANSFER OF PERMIT ☐ to install or maintain

☐ AIRCRAFT FUELING POST
☐ AIR VEHICLE FACTORY
☐ AIR VEHICLE HANGAR

[X] AUTO FILLING STATION
☐ AUTO PARKING STATION
☐ PUBLIC FILLING STATION

☐ PUBLIC GARAGE
☐ PUBLIC OIL DEPOT
☐ TENANT GARAGE

Perimeter of property in linear feet: 900'

and to install or maintain in connection therewith TANKS AND DISPENSING APPARATUS AS FOLLOWS:

No. of Tanks	Capacity	Contents	Make & Symbol	Location
~~1~~	~~4000~~	~~Gasoline~~	~~[illegible]~~	~~L.A.F.C. 1254-45 – 4 ft – 3' E. w. Pl. – 146' S. N. Pl.~~
~~1~~	~~3000~~	~~Gasoline~~	~~"~~	~~L.A.F.C. 1444-47 – 4 ft – 3' E. w. Pl. – 136' S. N. Pl.~~
~~1~~	~~550~~	~~Waste Oil~~	~~"~~	~~L.A.F.C. 1253-45 – 4 ft – 4' W. of E. Pl. – 120' S. N. Pl.~~
~~1~~	~~4000~~	~~Gasoline~~ X	~~"~~	~~L.A.F.C. 1254-45 – 4 ft – 3' E. w. Pl. – 156' S. N. Pl.~~
~~1~~	~~4000~~	~~Gasoline~~ X		~~L.A.F.C. 1254-45 – 4 ft – 3' E. w. Pl. – 166' S. N. Pl.~~
~~Removed~~	Abandoned 1/4/66			

5 TANKS 15,550 GALS. UNDERGROUND STORAGE—AND .... PORTABLE TANKS OF .... Gallons Capacity.

Applicant is a CORPORATION (XXX)—ASSOCIATION—PARTNERSHIP—INDIVIDUAL (Indicate by placing an X above type of organization.)

Signature Oliver T. Cole

Mail Address ~~5001 Wilshire Blvd. (36)~~ Same (16) Title Supt. of Constr.

First Inspection Date 8-5-47 Applicant's Phone We-3-3040

Recommendation (APPROVAL)—~~DISAPPROVAL~~—~~CANCELLATION~~—Violation of Ordinance No. .... Last Inspection Date 3-26-48

Remarks: New Inspector [illegible]

Section

F-123—5M Dup.—12-46

APR 5 1946

12-14-8 [illegible]

DISPENSING APPARATUS

No.	Make and Symbol	Location
16	Tokheim-39	Island

R-M 126238 ×
bases

16 Dispensing Units of which 0 are Visible 16 are Meter and 0 are Blind.

CHECK SHEET

GARAGES AND PARKING STATIONS

Area Used .... Square Feet ....
Open Lot Only ....
Height of Bldg. .... Class ....
Basement .... Sub-Basement ....
Basement Openings Protected ....
Basement Ventilation ....
CO^2 .... CTC .... S & A .... Foam Type ....
Condition of Extinguishers ....
Sprinkler System ....
Partitions Separating Tenants ....

Partitions Separating Repair Shop from Storage and Gasoline ....

Attendant .... Wall Vents ....
Houskeeping ....
Type of Motors and/or Electric Fixtures ....

Suction System for Tire Buffers ....

Storage of Petroleum Products for:
Cleansing Parts ....
Storage of Rubber Solvent ....
Storage of Rubber Cement ....
Mixing of Rubber Cement ....
Storage of Lube Oil ....
Spraying with Petroleum Products ....
"No Smoking" Signs ....
Metal Containers for Combustible Waste ....

Sawdust on Floors ....
Disposal of Waste Oil ....
Canvas and/or Paper Covers over Motor Vehicles ....
Painting of Motor Vehicles ....
Type of Open Flame ....

AIRCRAFT FUELING POST FILLING STATION

Perimeter of Property, linear ft. 900'
Height of Bldg. 1 Class of Bldg. IV
Open Lots Only NO
Distance from Other Buildings Ok
Electric Wiring and Equipment Ok
Location of Power Control Ok
Type of Power Control Remote
Separating Partitions Ok
Vapor-Proof Globes Ok
Fluorescent Lights Ok
Neon Lights OK
CO^2 2 CTC 5 S & A 0 Foam Type 1
Condition of Extinguishers Ok
Signs ("No Smoking—Stop Motor") R-M 126238 ×
Metal Receptacles for Combustible Waste Ok

Disposal of Waste Oil U.G.T.
Housekeeping Ok
Location of Pit } Harst
Condition of Pit }
Amount of Lube Oil 360
Capacity of Lube Oil Container 30
Type of Containers High boy
Amount of Kerosene—Solvent 30-30
Type of Containers High boy
Vent Pipes waste oil Fill Pipes OK ×
Suction Pipe Lines OK
Return Pipe Lines —
Overflow Pipe Lines —
Air Exhaust Pipe Lines ....
Curb Pipe Fill Line OK - 4" & 2" Gauge Pipe
Was Business in Operation Prior to June 7th, 1932? NO
Was C of C Granted? Yes

NOTIFICATION OF UNDERGROUND TANK ABANDONMENT

(DATE)

CITY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION BUREAU
221 SOUTH HILL STREET
LOS ANGELES 12, CALIFORNIA

ATTENTION: RECORDS OFFICE

GENTLEMEN:

THIS LETTER IS IN COMPLIANCE WITH FIRE DEPARTMENT REGULATIONS REGARDING UNDERGROUND TANK ABANDONMENT, (57.31.16).

THE TANK(S) ARE/WERE LOCATED AT THE FOLLOWING STREET ADDRESS:

3630 So. Crenshaw Blvd

THE TANK(S) ARE/WERE LOCATED FROM TWO PROPERTY LINES AS FOLLOWS:

Between Exposition Blvd & Rodeo Rd (SHOW SKETCH ON REVERSE SIDE)

TOTAL NUMBER OF TANK(S) 3 AND TOTAL CAPACITY IN GALLONS EACH

~~4000 gal each~~ 2-4000 and one 1000 gal waste oil

WHEN REMOVED:

THE LABEL NUMBERS (OR OTHER TANK DESIGNATION NUMBERS) WERE AS FOLLOWS:

Unreadable

THE TANK(S), PRIOR TO TRANSPORTING WERE DEGASSED USING 90# POUNDS OF CARBON DIOXIDE (DRY ICE). (ONE POUND CO_2 PER SIXTY GALLONS CAPACITY OF TANK)

THE TANK(S) WERE REMOVED TO: 14818 So Avalon
1 Lee Stable

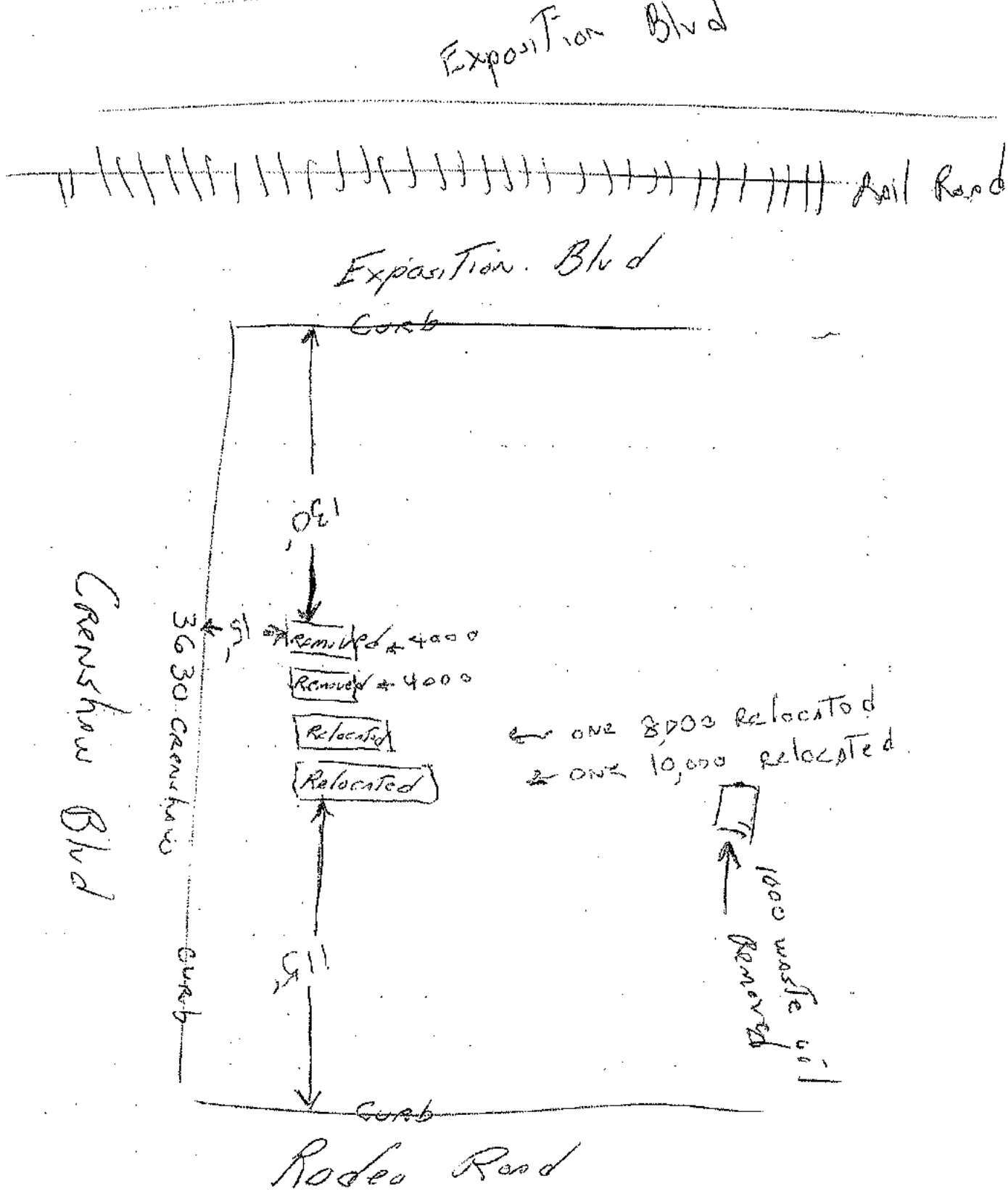
WHEN FILLED:

APPROVED MIXTURE TYPE _____ , USING _____ CU. YARDS TOTAL. THE MATERIAL WAS SUPPLIED BY: _____

THE ABANDONMENT WORK WAS INSPECTED BY: _____
FIRE INSPECTOR

Michael D. Shaw
SIGNATURE OF RESPONSIBLE PERSON

FPB #66
8-1-63


Exposition Blvd
Rail Road
Exposition. Blvd
Curb
130'
15'
Removed ± 4000
Removed ± 4000
Relocated
Relocated
← one 8,000 Relocated
← one 10,000 relocated
1000 waste oil
Removed
Crenshaw Blvd
36 30 Crenshaw
Curb
Curb
Rodeo Road

3630 Crenshaw

9638

NOTIFICATION OF UNDERGROUND TANK ABANDONMENT

1-5-66
(Date)

City of Los Angeles Fire Department
Fire Prevention Bureau
221 South Hill Street
Los Angeles 12, California
Attention: Records Office

Gentlemen:

This letter is in compliance with Fire Department regulations regarding underground tank abandonment. (57.31.16)

The tank(s) are/were located at the following street address: 3630 Crenshaw Blvd. Los Angeles Calif Corner of Rodeo Dr.

The tank(s) are/were located from two property lines as follows: _____

_____ (Show sketch on reverse side)

Total number of tank(s) 2 and total capacity in gallons each 4000

_____

WHEN REMOVED:

The label numbers (or other tank designation numbers) were as follows: _____

2 TORN OFF WHILE EXCAVATING

The tank(s), prior to transporting were degassed using 100 pounds of carbon dioxide (dry ice). (One pound CO_2 per sixty gallons capacity of tank)

The tank(s) were removed to: 201 N. Mission Rd L.A. Calif.

_____

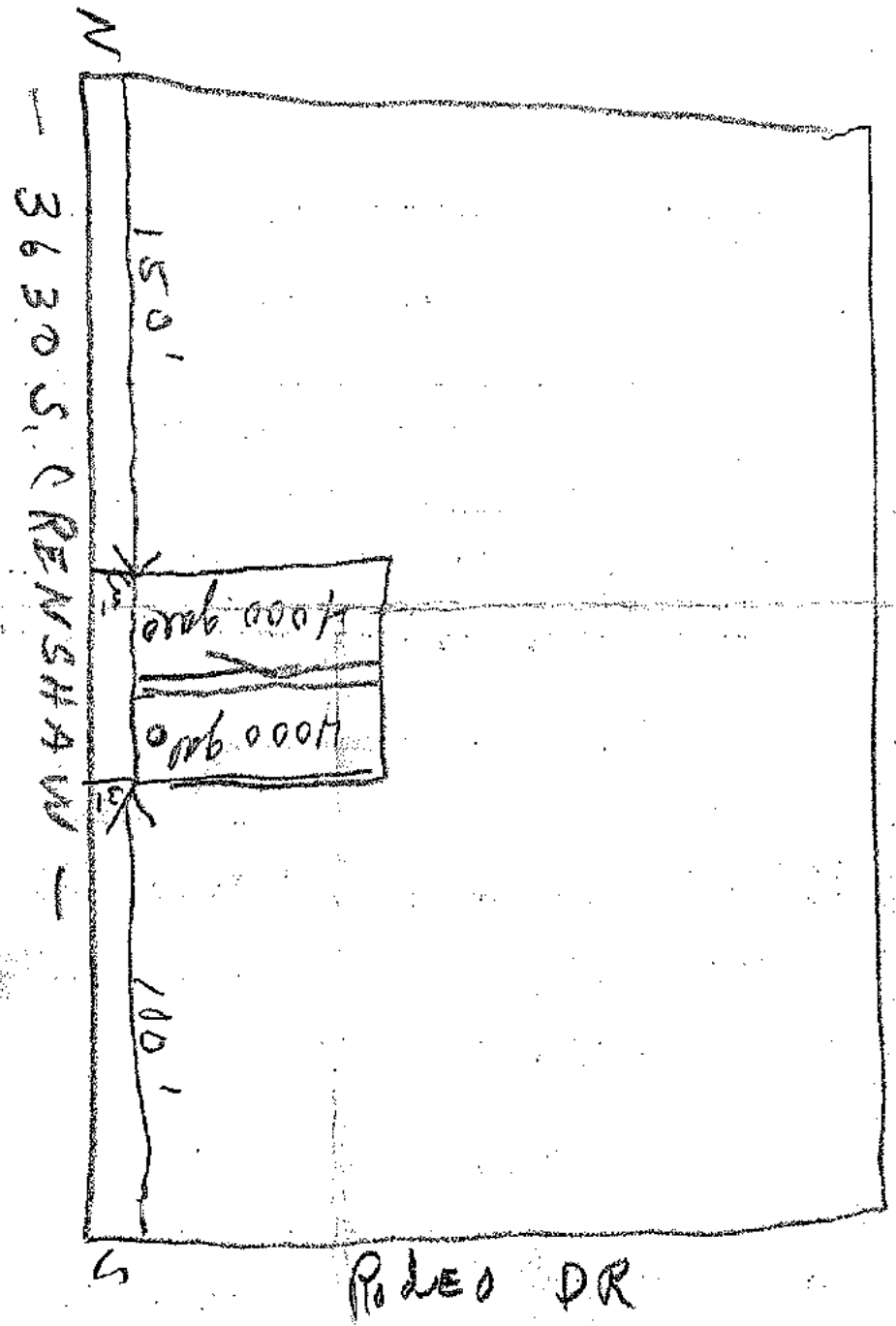
WHEN FILLED:

Approved mixture type _____, using _____ cu. yards total. The material was supplied by _____

The abandonment procedure was witnessed by: L. Leonard
Fire Inspector

George J. Day.
Signature of Responsible Person
Day Sons Crane Service

FPB #66


N
3630 S. KENSINGTON
150'
1000 sq ft
1000 sq ft
15'
100'
S
RIDLEY DR

F-280—2M—5-67 (F-38)

FIRE DEPARTMENT — CITY OF LOS ANGELES

APPLICATION FOR PERMIT

Reg. No. 13854

Date May 9, 1968

Name of Owner	Doing Business As
Gulf Oil Corp. McAlpine Inc.	

Address of Owner	Owner's Phone
15709 Illinois Paramount Calif.	

Address of Installation	Phone at Installation
3630 Crenshaw.	

Mail Permit to McAlpine
15709 Illinois Paramount.

Signature of Applicant	Title	Contractor's Phone
Allen McHarris	Supt.	634-1161

Do Not Write Below This Line

NO.	ITEM	LAFD	FEE
1	9940 Atmo 4/pp Auth App	58-64-2	12 00
1	280 Gal " " " "	87-60-3	4 00
1	9940 Atmo used tank w/out pp		7 00
1	8 M " " " " "		7 00
1	Abandon 3 Atmos		10 00
			$40 00

PERMIT ISSUED
MAY 9 1968
-OVER-

Total Fee	Approved	Disapproved	Date	Inspector
$40 00	☑	☐	5-9-68	Allen M Harris

West Manifold

Reloaded tanks to be checked for
pits & Tested at 5 #lbs.

F-280

FIRE DEPARTMENT — CITY OF LOS ANGELES

APPLICATION FOR PERMIT

Reg. No. 33169

Date 3-23-78

Name of Owner	Doing Business As
Gulf Oil Company - U.S.	Gulf Oil Company (Service Station 302)

Address of Owner	Owner's Phone
13415 Carmenita Road, Santa Fe Springs, CA 90670	(213) 921-7421

Address of Installation	Phone at Installation
3644 Crenshaw, Los Angeles, CA 90016	(213) 293-2519

Mail Permit to

Signature of Applicant	Title	Contractor's Phone
Russell E. Tisdell	Distribution Supervisor	R.F. White Co. (714) 982-8954

Do Not Write Below This Line

NO.	ITEM	FEE
	Transfer Flammable Liquid	55 00

Total Fee	Approved	Disapproved	Date	Inspector
55 00	☒	☐	3-23-78	

F-203

FIRE DEPARTMENT — CITY OF LOS ANGELES

APPLICATION FOR PERMIT

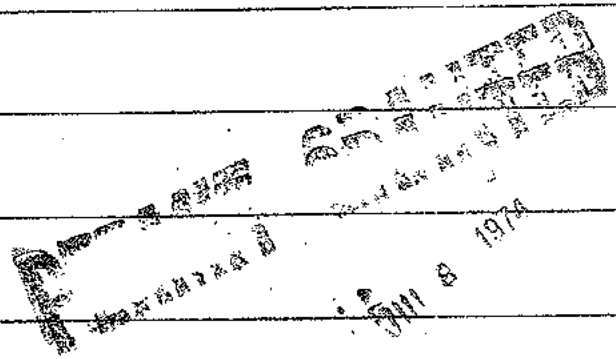
Reg. No. _____

Date JUL 8 1974

Name of Owner	Doing Business As	
GULF OIL CO.		
Address of Owner		**Owner's Phone**
1801 AVE. OF THE STARS L.A.		
Address of Installation		**Phone at Installation**
3699 CRENSHAW AVE		
Mail Permit to		
STANTON CONST. CO. 2322 W. 3RD ST. L.A. 90057		
Signature of Applicant	**Title**	**Contractor's Phone**
Edmundo Morales	Co. Supt.	381-7891

Do Not Write Below This Line

NO.	ITEM	FEE
1	Install Vapor Recovery System	10.00



Total Fee	Approved ☒	Disapproved ☐	Date	Inspector
10.00			7-2-74	

CITY OF LOS ANGELES

CALIFORNIA

SAM YORTY
MAYOR

DEPARTMENT OF FIRE
217 S. HILL ST.
LOS ANGELES, CALIF. 90012
628-6161

RAYMOND M. HILL
CHIEF ENGINEER
AND
GENERAL MANAGER

May 10, 1968

Name: McAlpine and Redfearn Re: Installation: 4 Atmospheric Tanks

Address: 15709 Illinois with general approval.

City, State: Paramount, Calif. Name: Gulf Oil Corporation

Location: 3630 Crenshaw Boulevard

Permit No. 13854 authorizes you to make the above installation, subject to the following conditions:

1. Field inspection by a member of this Department prior to covering of tanks and piping.

2. Pressure test of piping prior to covering. This must be done in the presence of the field inspector.

3. Final approval in writing shall be obtained from the field inspector before the installation may be placed in operation.

Section 57.04.03 requires that all auto fueling stations have a permit, which shall be secured from the City Clerk's Office, Room 1, City Hall.

Please contact Captain Maricich of our West Unit telephone 776-2685, to make necessary arrangements for inspection.

RAYMOND M. HILL
Chief Engineer and General Manager

Ethan N. Carter
Fire Prevention Engineer
Engineering and Research Section

ENC. GHS:ah
Enc.
cc: West Unit

FPB #181

F-280—2M—3-65 (F-38)

FIRE DEPARTMENT — CITY OF LOS ANGELES

APPLICATION FOR PERMIT

Reg. No. 28382

Date May 13, 1968

Name of Owner	Doing Business As
Gulf Oil-1801 Avenue of The Stars-Century City	Same

Address of Owner	Owner's Phone
McAlpine, Inc.-P. O. Box 755-Paramount-California 90723	636-7133

Address of Installation	Phone at Installation
Crenshaw Boulevard & Rodeo Road-Los Angeles-California	None

Mail Permit to

Valley Loader Service, Inc.-P. O. Box 3428-Van Nuys-California 91407

Signature of Applicant	Title	Contractor's Phone
[signature]	Secretary	875-2433

Do Not Write Below This Line

NO.	ITEM	FEE
	Remove Under-ground tanks 2-4000; 1-Wast Oil	$10.00

Total Fee $10.00	Approved ☐	Disapproved ☐	Date	Inspector

F-230—2M—3-65 (F-38)

FIRE DEPARTMENT — CITY OF LOS ANGELES

WESTCHESTER

FILE

APPLICATION FOR PERMIT

Bldg. No. 9638

Date 1-4-66

Name of Owner	Doing Business As	
Gulf Oil Co.	Service Station	
Address of Owner		**Owner's Phone**
3630 Crenshaw Blvd. L.A. Calif.		
Address of Installation		**Phone at Installation**
Mail Permit to		
Day Sons Crane Service. 1498 N. Valencia Valencia Calif		
Signature of Applicant	**Title**	**Contractor's Phone**
Geo. Day.		3333965

Do Not Write Below This Line

NO.	ITEM	FEE
2	4,000 gal stor tanks — abandon	10
	1 /	
	afternoon 1 5 66	

PERMIT GRANTED

04 JAN 1966

Total Fee	Approved	Disapproved	Date	Inspector
$10.00 cash	☒	☐	1-5-66	J. Sherman

CITY OF LOS ANGELES
CALIFORNIA

SAMUEL WM. YORTY
MAYOR

DEPARTMENT OF FIRE
217 S. HILL ST.
LOS ANGELES, CALIF. 90012
628-6161

WILLIAM L. MILLER
CHIEF ENGINEER

January 4, 1966

Name S.C. Hatfield & Assoc. Inc.

Address 1025 E. Lake

City, State Tarzana, California

RE: Installation: (2) Atmospheric Tanks

(1-3000 & 1-4000 Gallon)

Name Gulf Oil Corp.

Location 3630 Crenshaw Blvd.

Permit No. 3615 authorizes you to make the above installation, subject to the following conditions.

1. Field inspection by a member of this Department prior to covering of tanks and piping.

2. Pressure test of piping prior to covering. This must be done in the presence of the field inspector.

3. Final approval in writing shall be obtained from the field inspector before the installation may be placed in operation.

Section 57.04.03 requires that all auto fueling stations have a permit, which shall be secured from the City Clerk's Office, Room 1, City Hall.

Please contact Captain N. Maricich of our West Unit, telephone 776-2685, to make necessary arrangements for inspection.

WILLIAM L. MILLER, CHIEF ENGINEER

James M Hammack

James M. Hammack
Fire Prevention Engineer
Engineering & Research Section

West Unit

EMH:cf
cc:

FPB #181

F-280—2M—3-65 (F-38)

FIRE DEPARTMENT — CITY OF LOS ANGELES

APPLICATION FOR PERMIT

Reg. No. 9615

Date 12-30-65

Name of Owner	Doing Business As
GULF OIL CORP.	BES

Address of Owner	Owner's Phone
GATEWAY WEST BLDG. SUITE 1400 1201 AVE of STARS	879-0560

Address of Installation	Phone at Installation
3630 CRENSHAW BLVD.	

Mail Permit to

S.C. HATFIELD & ASSOC. INC. 1025 N. LAKE · BURBANK

Signature of Applicant	Title	Contractor's Phone
Sam Gattuso	Supt.	849 1977

Do Not Write Below This Line

NO.	ITEM	FEE
2	ATMO tanks with approved	$16.00
	1 - 8000 Gal	
	1 - 9940 Gal	

Total Fee	Approved	Disapproved	Date	Inspector
$16.00	☒	☐	1-4-66	

2 copies

J.J.

West Municipal

L268- 12/78

LOS ANGELES COUNTY LETTERGRAM

TO	Anastacio G. Medina	FROM	Bruce Wojcik BJW Miguel Garcia Brenda Wright

Subject HAZARDOUS MATERIALS EMERGENCY INCIDENT SUMMARY Date June 20, 1985 No. I425-

NAME/DBA AL MADINAH ELEMENTARY SCHOOL
3510 WEST EXPOSITION BLVD.
LOS ANGELES 90018

FILE

I. REPORTED BY Carl Trippe AGENCY Bur. of Sanitation PHONE 485-5886

NATURE OF COMPLAINT Containers of chemicals dumped in street across from school. Some containers leaking.

DATE OF INCDT 6/12/85 TIME REC'D 2:27 p.m. TIME OCC'D Unknown

LACHD ARRIVAL ON SCENE 3:20 p.m. DATE 6/12/85

INVESTIGATOR'S FINDINGS 38 containers from 5 gallons to 1/2 gallon in size dumped in the street next to railroad tracks. 31 containers were empty. The others contained paint sludge, an unknown solvent, varnish, 2 containers of solvent were leaking.

MATERIALS INVOLVED/VOLUME Varnish, paint sludge, unknown solvent

HAZARDOUS NATURE OF SUSPECTED MTL Flammable

EXTENT OF ENVIRONMENTAL IMPACT None

II. COMPANY INVOLVED/ADDRESS Unknown

COMPANY OWNER/OFFICER(S) N/A

III. NO PERSONS EXPOSED None SYMPTOMS N/A

EMERGENCY REMEDIAL ACTIONS None

CLEAN-UP COMPANY None

CLEAN-UP PAID BY N/A EST COST TO LAC N/A

CLEAN-UP STARTED N/A CLEAN-UP COMPLETED 6/13/85 by Street Maintenance

DEPARTED SCENE 5:00 p.m. COST RECOVERY ACTION None

IV. AGENCIES CONTACTED Bureau of Sanitation, Street Maintenance

RESPONDING AGENCIES/NAMES L.A.C.H.D. (Wojcik, Garcia, Wright); Bureau of Sanitation (Daniel Tron)

ANTICIPATED LEGAL ACTION None

REMARKS Compatible materials were consolidated for pick-up by Street Maintenance.

cc: Al Hearne
J. Karbus

HAZARDOUS WASTE CONTROL PROGRAM
EMERGENCY RESPONSE INFORMATION FORM

DATE 6-12-85 LOG NO. _____

TIME REC'D 2²⁷ PM Thomas Guide Pg/Grid 43 13-6

REC'D BY M. Garcia TIME INCDT OCCURRED 2²⁷ PM Now

DBA / LOCATION 3510 W. Exposition drums of chemical
Al-MADINAH Elem School.

REPORTED BY Chel Tripps AGENCY Bureau of Sanitation PHONE 485-5886
Eric Ale Elementary Sch - Al-MADINAH School 296-5961

NATURE OF INCIDENT/LOCATION AFFECTED Unknown dumped some
chemical adjacent to (SPT CO) Railroad tracks

4 - Gray CAN (5gal) Smells like solvent / May be flammable

CHEMICAL TYPE/VOLUME 4 - Gray canisters 5gal (ea)

Some of the chemical drums are leaking

NO. PEOPLE EXPOSED/SYMPTOMS NOT yet (R)
Schod children are due.

ADDITIONAL REMARKS _____

INVESTIGATOR(S) RESPONDING Miguel Garcia + Bruce Wojick

REFERRALS MADE _____

TIME OF ARRIVAL _____

FIELD NOTES:
4:26 pm. B. Wojcek called to state that Two five gallon containers of non-flammable solvent in very dilute condition and on gallon of non flammable varnish were deposited on the street with 12 empty containers. He will call for removal by L.A. City Street Maintenance 485 3711

** Personnel taking information shall complete all sections, make a copy, and refer immediately to supervisor for case assignment.

I. INVENTORY OF MATERIALS

1 - ½ GAL CONTAINER NO LABEL

10 - PIECES OF WOOD PLANKS

1 - 1 GAL RUSTY

1 - 1 PINT CAN Labelled 'thinner'

4 - 1 gal labeled 'Finish'

1 - 1GAL Labeled 'resin' - round can (FULL)

3 - 1gal labled 'flammable liquid' rectangular cans

1-5 GAL CONTAINER LABELLED FLAMMABLE; RUSTY Rectangular can

2-5 GAL CONTAINER LABELLED FLAMMABLE + POLYURETHANE (FULL)

1 - 5GAL CONTAINER LABELLED 'CHLORIDE SOLUTION' - RUSTED + RIPPED APART (¾ FULL)

½ - 5 GAL CONTAINERS LABELLED 'CHLORIDE SOLUTION' - RUSTY

1-5 GAL CONTAINER LABELLED GLYCOL ETHER ACETATE, PLASTIC (PAINT SLUDGE)

1 - ½ GAL CONTAINER LABELL 'CHLORIDE SOLUTION' - PLASTIC

1 - 1GAL HENRY MULTIPURO FLOOR COVERING ADHESIVE (FULL)

1 - [illegible]

1 - 1GAL LABELLED 'CHLORIDE SOLUTION' IN OLD Prestone Container (FULL)

1 - 1402 PROPANE CONTAINER

1 - ½ GAL PAINT CAN - OILY RESIDUE

1 - LARGE GREEN TRASH BAG (PLASTIC) YARD VEGETATION DEBRI

1 - 1QUART PLASTIC CONTAINER -

1 - 120Z PRIMER

1 - 1GAL FINISH

II. HAZ CAT PERFORMED BY M. GARCIA

TEST PERFORM	LEAKING 5 GAL CONTAINER	5GAL RIPPED APART	5 GAL LABELLED POLYURETHANE
PH	7	7	7
CM	NEG	NEG	NEG
ODOR	clear like water	paint thinner like	PAINT THINNER like
COLOR		honey colored	clear, like water
VISCOUS	—	—	—
OTHER			Turned yellow

III. ACTIONS TAKEN

1. OPERATOR 27 OF STREET MAINTENANCE called; advised truck would be sent

2. PARTIES RESPONSIBLE TO DUMPING UNKNOWN

76L268- 12/78

LOS ANGELES COUNTY LETTERGRAM

TO	Anastacio G. Medina	FROM	BRUCE LYDICK MIGUEL GARCIA BRENDA WRIGHT

Subject HAZARDOUS MATERIALS EMERGENCY INCIDENT SUMMARY Date 6-12-85 No.

NAME/DBA DUMPED ONTO THE STREET

WEST OF 33rd St From Soul (Caudina's 3510 W Exposition)
Los Angeles 90018

I. REPORTED BY ERICA LI STREET TRIPPE AGENCY BUREAU OF SANITATION PHONE 48-5260 Elm Sch - MASJID AL-MUMINAL MADINAH SCHOOL (213) 216-5961

NATURE OF COMPLAINT Chemical containers were DUMPED ALONG SIDE Railroad tracks and in the Street. Some of the containers are leaking and have a flammable odor.

DATE OF INCDT 6-12-85 TIME REC'D 2:27 PM TIME OCC'D UNKNOWN

LACHD ARRIVAL ON SCENE 3:20 PM DATE 6-12-85

INVESTIGATOR'S FINDINGS Inventory: 38 CONTAINERS (HALF Gallon, QUART, AND 1 GALLON)
① 10 WOOD'T PAINT ② A GREEN PLASTIC TRASH BAG FILLED WITH PAINT TRIMMING'S LOCATED ALONG RAILROAD TRACKS AND STREET ③ VEHICLE SAME MAKE/MODEL WAS LOOKING ④ ANOTHER WAS RUSTED THROUGH AND RIPPED APART ⑤ 1 CONTAINER CONTAINED MINERAL SPIRITS ⑥ 31 CONTAINERS WERE EMPTY

MATERIALS INVOLVED/VOLUME 8 gal of a Solvent type Liquid, a quart of PAINT SLUDGE
½ GAL THINNER & ½ GAL ENAMEL PAINT

HAZARDOUS NATURE OF SUSPECTED MTL FLAMMABLE

EXTENT OF ENVIRONMENTAL IMPACT NONE

II. COMPANY INVOLVED/ADDRESS NONE

COMPANY OWNER/OFFICER(S) NONE

III. NO PERSONS EXPOSED 0 SYMPTOMS 0

EMERGENCY REMEDIAL ACTIONS STREET MAINTENANCE was contacted to pick up materials

CLEAN-UP COMPANY NONE

CLEAN-UP PAID BY N/A EST COST TO LAC N/A

CLEAN-UP STARTED N/A CLEAN-UP COMPLETED 6-13-85 (Billy Scott, Street Maint. Supv.)

DEPARTED SCENE 5:00 PM COST RECOVERY ACTION N/A

IV. AGENCIES CONTACTED BUREAU OF SANITATION, STREET MAINTENANCE, LACHD

RESPONDING AGENCIES/NAMES BUREAU OF SANITATION / DANIEL TERN
LACHD / M. GARCIA, B. LYDICK, B. WRIGHT

ANTICIPATED LEGAL ACTION NONE

REMARKS THE VOLUMES OF LIKE MATERIALS WERE CONSOLIDATED TO ACHIEVE

PICKUP BY STREET MAINT. 1 LEGAL CONTAINER DILUTE SOLVENT; 1-5 GAL DILUTE SOLVENT AND PAINT SLUDGE AND ½ GAL EASTMAN OR WARNER & ½ GAL HENRY'S FLOOR ADHESIVE

cc: Al Hearne
J. Karbus

FIELD NOTES

I. INVENTORY OF MATERIALS

1 - ½ GAL CONTAINER NO LABEL

10 - PIECES OF WOOD PLANKS

1 - 1 GAL RUSTY

1 - 1 PINT CAN Labelled 'THINNER'

~~Painted~~

4 - 1 gal labeled 'FINISH'

1 - 1GAL Labeled 'resin' - round can (FULL)

3 - 1gal labled 'flammable liquid' rectangular can

1-5 GAL CONTAINER LABELLED FLAMMABLE; RUSTY Rectangular can

2-5 GAL CONTAINER LABELLED FLAMMABLE + POLYURETHANE (FULL)

1 - 5GAL CONTAINER LABELLED 'CHLORIDE SOLUTION' - RUSTED + RIPPED APART (¾ FULL)

2 - 5 GAL CONTAINERS LABELLED 'CHLORIDE SOLUTION' - RUSTY

1-5 GAL CONTAINER LABELED GLYCOL ETHER ACETATE, PLASTIC (PAINT STICK)

1 - ½ GAL CONTAINER LABELL 'CHLORIDE SOLUTION' - PLASTIC

1 - 1GAL HENRY MULTIPURO FLOOR COVERING ADHESIVE (FULL)

1 - 1GAL LABELLED 'CHLORIDE SOLUTION' IN OLD Prestone Container (FULL)

1 - 140z PROPANE CONTAINER

1 - ½ GAL PAINT CAN - OILY RESIDUE

1 - LARGE GREEN TRASH BAG (PLASTIC) YARD VEGETATION DEBRI

1 - 1QUART PLASTIC CONTAINER

1 - 120z PRIMER

1 - 1GAL FINISH

II. HAZ CAT PERFORMED BY M. GARCIA

TEST performed	LEAKING 5 GAL CONTAINER	5GAL RIPPED APART	5 GAL LABELLED POLYURETHANE
PH	7	7	7
CN	NEG	NEG paint thinner like	NEG paint thinner like
ODOR			
COLOR	clear like water	honey colored	clear, like water
VISCOUS	—	—	—
Iodine			Turned yellow

III ACTION TAKEN

1. OPERATOR 27 OF STREET MAINTENANCE called; advised truck would be sent

2. PARTIES RESPONSIBLE FOR DUMPING UNKNOWN

HAZARDOUS WASTE CONTROL PROGRAM
EMERGENCY RESPONSE INFORMATION FORM

DATE 6-12-85 LOG NO. _____

TIME REC'D 2:27 pm Thomas Guide Pg/Grid 43 13-6

REC'D BY M. Gaycke TIME INCDT OCCURRED 2:27 pm Now

DBA / LOCATION 3510 W. Exposition drums of chemical
Al-MADINAH Elem School

REPORTED BY Chel Trippe AGENCY Bureau of Sanitation PHONE 485-5886
Eric Ale Elementary/Sch - Al-MADINAH School 296-5961

NATURE OF INCIDENT/LOCATION AFFECTED Done one dumped some
chemical adjacent to (SPT CO) RAILroad tracks

4 GRAY CAN. 5gal Smell a solvent / May be flammable.

CHEMICAL TYPE/VOLUME 4 - Gray CANISTERS 5gal (ea)

Some of the chemical drums are leaking.

NO. PEOPLE EXPOSED/SYMPTOMS NOT yet (R)
Schod children are due.

ADDITIONAL REMARKS _____

INVESTIGATOR(S) RESPONDING _____

REFERRALS MADE _____

TIME OF ARRIVAL _____

FIELD NOTES:

** Personnel taking information shall complete all sections, make a copy, and refer immediately to supervisor for case assignment.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Mar 29, 2012

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Riparian

- Herbaceous
- Forested/Shrub

User Remarks:

he Flood Insurance Study report for this jurisdiction.

nce is available in this community, contact your insurance d Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'

0 300 600 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 1615F

FIRM

FLOOD INSURANCE RATE MAP

LOS ANGELES COUNTY, CALIFORNIA

AND INCORPORATED AREAS

PANEL 1615 OF 2350

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LOS ANGELES COUNTY	065043	1615	F
BEVERLY HILLS, CITY OF	060655	1615	F
CULVER CITY, CITY OF	060114	1615	F
LOS ANGELES, CITY OF	060137	1615	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06037C1615F

EFFECTIVE DATE
SEPTEMBER 26, 2008

Federal Emergency Management Agency

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

URS

July 15, 2011

Dr. Yue Rong
California Regional Water Quality Control Board – Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Subject: **SECOND QUARTER 2011 GROUNDWATER MONITORING REPORT**
Shell Branded Service Station
3645 South Crenshaw Boulevard
Los Angeles, California
SAP# 135543
Case No. 900160361

Dear Dr. Rong:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (SHELL), URS Corporation (URS) has prepared this *Second Quarter 2011 Groundwater Monitoring Report* for the above referenced site. The sampling activities at the site were conducted by Blaine Tech Services, Inc. (Blaine Tech) and included the collection of groundwater samples and static water level measurements. URS did not provide any oversight of Blaine Tech's field work or protocol. A URS staff member under the supervision of a California Registered Civil Engineer or a California Professional Geologist performed evaluation of the data provided to us.

Companies that produced documents attached to this Groundwater Monitoring Report have full and sole responsibility for any data and professional opinions contained in their respective documents. The conclusions, if any, presented in this Groundwater Monitoring Report are professional opinions based solely upon the data described in this report. They are intended exclusively for the purpose outlined herein and the site location and project indicated. This report is for the sole use and benefit of the Client. The scope of services performed in execution of this effort may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user. No express or implied representation or warranty is included or intended in this report except that the work was performed within the limits prescribed by the Client with the customary thoroughness and competence of professionals working in the same area on similar projects.

We have prepared this report for use by Shell Oil Products US. Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. No warranty or other conditions expressed or implied should be understood.

URS Corporation
915 Wilshire Boulevard, Suite 700
Los Angeles, California 90017
Tel: 213.996.2200
Fax: 213.996.2456

If you have any questions regarding this site, please contact Mr. Jeffrey Pyska (URS) at (213) 996-2437 or Ms. Jennifer Nobui at (213) 996-2451. The SHELL Project Manager is Ms. Deborah Pryor; who can be reached at (323) 291-9595.

Sincerely,

Jeffrey S. Pyska
Project Manager

Jennifer S. Nobui, PG 8200
Senior Geologist

Attachment: Second Quarter 2011 Groundwater Monitoring Report

cc: Ms. Deborah Pryor, Shell Oil Products US
Mr. Mohammad I. Kaskas, Property Owner
Mr. Bill Montelongo, 3651Crenshaw LLC, Offsite Property Owner
Mr. Eloy Luna, City Of Los Angeles Fire Department

URS

SHELL QUARTERLY GROUNDWATER MONITORING REPORT

Station Address:	3645 South Crenshaw Boulevard, Los Angeles, California
URS Project No.:	29500369
SHELL Project Manager / Phone No.:	Deborah Pryor / (323) 291-9595
URS Site Manager / Phone No.:	Jeffrey Pyska / (213) 996-2437
Primary Agency / Regulatory ID No.:	Los Angeles Regional Water Quality Control Board (LARWQCB)/ Dr. Yue Rong, Case No. 90016361
Other Agencies to Receive Copies:	LAFD/ Eloy Luna

WORK PERFORMED THIS QUARTER:

1. Quarterly groundwater monitoring and sampling.
2. Submitted notification to modify Groundwater Monitoring Program from semi-annual to quarterly.

WORK PROPOSED FOR NEXT QUARTER:

1. Conduct quarterly groundwater monitoring and sampling.
2. Submit quarterly groundwater monitoring report.
3. Submit Request for Closure Report.

Current Phase of Project:	Groundwater monitoring and additional assessment
Site Use:	Shell Service Station
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present:	☐ Yes _ ☒ No
No. of Wells Monitored:	MW-1 through MW-12
Cumulative SPH Recovered to Date:	None
SPH Recovered This Quarter:	None
Cumulative Groundwater Recovered to Date:	Not Available
Groundwater Recovered this Quarter:	35 gallons were recovered during sampling on June 1, 2011
Sensitive Receptor(s) and Respective Direction(s):	The nearest office-identified production well is active Well Number 2647, which was last measured in April 1978; at the time depth to water was approximately 174.4 feet below ground surface (bgs). The well was not found during attempted field verification activities by DELTA on January 5, 2005.

URS

SHELL QUARTERLY GROUNDWATER MONITORING REPORT (CONTINUED)

General Site Lithology:	Silt with interbedded layers of silty sand and poorly graded sand to approximately 30 feet bgs; well-graded sand with interbedded silt to approximately 35 feet bgs.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	9.92 to 34.26 feet below top of well casing
Groundwater Gradient:	South-southeast at approximately 0.03 ft/ft
Current Agency Correspondence:	LARWQCB letter dated May 24, 2006
Date of Most Recent Work Plan Approval:	NA
Site History:	
Case Opening	2/28/2005
Onsite Assessment	2006, 2009
Offsite Assessment	2008, 2009
Passive Remediation	NA
Active Remediation	NA
Closure	NA
Summary of Unusual Activity:	None

Discussion:

Groundwater monitoring wells MW-1, MW-3, MW-6, and MW-7 were not sampled due to insufficient water in the wells. Otherwise, groundwater conditions observed during the second quarter 2011 remained generally consistent with previous findings.

All groundwater monitoring wells were additionally sampled for a full scan analysis of volatile organic compounds (VOCs) by EPA Method 8260B. Detections were only observed in offsite groundwater monitoring well MW-4. Results are shown in Table 2a.

URS

ATTACHMENTS:

Tables:

- Table 1 – Well and Boring Data
- Table 2 – Current Groundwater Gauging and Analytical Data
- Table 2a– Current Groundwater Additional Analytical Data
- Table 3 – Historical Groundwater Gauging and Analytical Data
- Table 3a– Historical Groundwater Additional Analytical Data

Figures:

- Figure 1 – Site Location Map
- Figure 2 – Extended Site Map
- Figure 3 – Groundwater Elevation Contour Map 06/01/2011
- Figure 4 – Groundwater Hydrocarbon Distribution Map 06/01/2011
- Figure 5 – TPH-g Isoconcentration Map 06/01/2011
- Figure 6 – Benzene Isoconcentration Map 06/01/2011
- Figure 7 – MTBE Isoconcentration Map 06/01/2011
- Figure 8 – TBA Isoconcentration Map 06/01/2011

Graphs:

- Graph 1 – TPH-g, Benzene, MTBE, TBA Concentrations vs. Time (MW-2)
- Graph 2 – TPH-g, Benzene, MTBE, TBA Concentrations vs. Time (MW-4)
- Graph 3 – TPH-g, Benzene, MTBE, TBA Concentrations vs. Time (MW-5)

Appendices:

- Appendix A – Blaine Tech Services, Inc. Field Data Sheets
- Appendix B – Blaine Tech Services, Inc. Field Procedures
- Appendix C – Waste Disposal Documentation
- Appendix D – Laboratory Report and Chain-of-Custody Documentation

TABLES

TABLE 1
Well and Boring Data
3645 South Crenshaw Boulevard, Los Angeles, California

Name	Type	Date Drilled	Approx. Surf. Elev. (ft AMSL)	Total Depth (ft)	Soil Sample Incr. (ft)	Soil Sample Depth (ft bgs)	First GW Depth (ft)	First GW Elev. (ft AMSL)	Well Diameter (in.)	Screen Depth (ft) Top	Screen Depth (ft) Bottom	Comments
B-1	Soil Boring	02/04/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-2	Soil Boring	02/04/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-3	Soil Boring	02/04/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-4	Soil Boring	02/04/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-5	Soil Boring	02/03/05		25	5	10, 15, 20, 25	18.0	NA	- -	- -		Air knifed to ~7' bgs
B-6	Soil Boring	02/02/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-7	Soil Boring	02/04/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-8	Soil Boring	02/03/05		25	5	10, 15, 20, 25	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
B-9	Soil Boring	02/03/05		25	5	10, 15, 20	NA	NA	- -	- -	- -	Air knifed to ~7' bgs
MW-1	Monitoring Well	12/06/06	110.08	35	5	10, 15, 20, 25, 30, 35	20	90.08	4	10	35	Air knifed to ~8' bgs
MW-2	Monitoring Well	12/07/06	110.29	35	5	10, 15, 20, 25, 30, 35	20	90.29	4	9	34	Air knifed to ~8' bgs
MW-3	Monitoring Well	12/07/06	109.86	34	5	10, 15, 20, 25, 30, 35	20	89.86	4	9	34	Air knifed to ~8' bgs
MW-5	Monitoring Well	12/07/06	112.14	35	5	10, 15, 20, 25, 30, 35	20	92.14	4	10	35	Air knifed to ~8' bgs
MW-4	Monitoring Well	05/28/08	110.88	35	5	10 through 35	20	90.88	2	10	35	Airknifed to ~10' bgs
MW-6	Monitoring Well	05/27/08	108.99	32	5	10 through 32	21	88.49	2	7	32	Airknifed to ~10' bgs
MW-7	Monitoring Well	05/29/08	110.14	35	5	10 through 35	21	89.64	2	10	35	Airknifed to ~10' bgs
MW-8	Monitoring Well	06/02/09	110.27	21.5	5, Cont	10 through 21.5	18.5	91.77	2	10	20	Airknifed to ~10' bgs
MW-9	Monitoring Well	12/17/09	109.61	25	5, Cont	10 and 15 through 25	16.5	93.11	2	13	23	Airknifed to ~10' bgs
MW-10	Monitoring Well	12/30/09	109.54	25	5, Cont	10and 15 through 25	17.0	92.54	2	13	23	Airknifed to ~10' bgs
MW-11	Monitoring Well	06/01/09	110.46	27	5, Cont	10 and 15 through 27	20.0	90.46	2	14	24	Airknifed to ~10' bgs
MW-12	Monitoring Well	06/01/09	109.95	26	5, Cont	10 and 15 through 26	18.0	91.95	2	14	34	Airknifed to ~10' bgs

Notes: bgs = below ground surface
ft AMSL = feet above mean sea level
NA = not available
ft = feet
- = not applicable

TABLE 2
CURRENT GROUNDWATER GAUGING AND ANALYTICAL DATA
Shell Service Station
3645 Crenshaw Boulevard, Los Angeles, California

DATE	DEPTH TO GW (feet)	SPH THICKN.	GW ELEV. (feet relative to MSL)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE by 8260 (ug/L)	TBA by 8260 (ug/L)	DIPE by 8260 (ug/L)	ETBE by 8260 (ug/L)	TAME by 8260 (ug/L)	Ethanol (ug/L)	Methane (ug/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	DO (mg/L)	ORP (mV)	COMMENTS
MW-1	**Top of Casing Elevation (ft): 110.08**																				
6/1/2011	33.99	0.00	76.09																		Insufficient Water
MW-2	**Top of Casing Elevation (ft): 110.29**																				
6/1/2011	28.60	0.00	81.69	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	**3.5**	**123**	**1.5 J**	**0.6 J**	ND<5.0	ND<100	**49.7**	ND<0.10	**126**	0.4	0.96	-108	
MW-3	**Top of Casing Elevation (ft): 109.86**																				
6/1/2011	33.29	0.00	76.57																		Insufficient Water
MW-4	**Top of Casing Elevation (ft): 110.63**																				
6/1/2011	14.50	0.00	96.13	**443**	**54.1**	**2.9**	**4.8**	**11.1**	ND<1.0	**31.9**	ND<5.0	ND<5.0	ND<5.0	ND<100	**204**	ND<0.11	**229**	0.2	0.63	-207	
MW-5	**Top of Casing Elevation (ft): 112.14**																				
6/1/2011	30.84	0.00	81.30	ND<200	ND<4.0	ND<4.0	ND<4.0	ND<8.0	**3.8 J**	**1300**	ND<20	**2.8 J**	ND<20	ND<400	**0.17**	ND<0.12	**343**	0.2	0.87	-119	
MW-6	**Top of Casing Elevation (ft): 108.30**																				
6/1/2011	30.95	0.00	77.35																		Insufficient Water
MW-7	**Top of Casing Elevation (ft): 109.80**																				
6/1/2011	34.26	0.00	75.54																		Insufficient Water
MW-8	**Top of Casing Elevation (ft): 109.96**																				
6/1/2011	16.92	0.00	93.04	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-9	**Top of Casing Elevation (ft): 109.20**																				
6/1/2011	9.92	0.00	99.28	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-10	**Top of Casing Elevation (ft): 109.09**																				
6/1/2011	9.94	0.00	99.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-11	**Top of Casing Elevation (ft): 110.02**																				
6/1/2011	16.94	0.00	93.08	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-12	**Top of Casing Elevation (ft): 109.61**																				
6/1/2011	16.82	0.00	92.79	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							

Notes:
GW = groundwater
SPH = separate-phase hydrocarbons
MSL = mean sea level
NS = not sampled
NM = not measured
ND = not detected above the given laboratory limit
NA = not analyzed
N/A = data not available
ug/L = parts per billion
mg/L = milligrams per litre
ppm = parts per million
TPH-G = total petroleum hydrocarbons as gasoline – analyzed using California DHS LUFT Method, EPA Method 8015M, EPA Method 8260B, or as total purgeable petroleum hydrocarbons (TPPH) by EPA Method 8260B.
BTEX analyzed using EPA Method 8260. Prior to 4/25/01, BTEX was analyzed by EPA Method 8020.
MTBE = methyl tertiary butyl ether analyzed using EPA Method 8260B
TBA = tertiary butyl alcohol analyzed using EPA Method 8260B
DIPE = diisopropyl ether analyzed using EPA Method 8260B
ETBE = ethyl tertiary butyl ether analyzed using EPA Method 8260B
TAME = tertiary amyl methyl ether analyzed using EPA Method 8260B
Ethanol analyzed using EPA Method 8260B
DO = dissolved oxygen
J = Estimated Value

TABLE 2a
CURRENT GROUNDWATER ADDITIONAL ANALYTICAL DATA
Shell Service Station
3645 Crenshaw Boulevard, Los Angeles, California

DATE	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	Naphthalene (ug/L)	n-Propylbenzene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Tetrachloroethene (ug/L)	COMMENTS
MW-1									
6/1/2011									Insufficient Water
MW-2									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**0.31 J**	
MW-3									
6/1/2011									Insufficient Water
MW-4									
6/1/2011	**0.96 J**	**0.91 J**	**6.1**	**14**	**10**	**1.1 J**	**0.58 J**	ND<1.0	
MW-5									
6/1/2011	ND<20	ND<20	ND<4.0	ND<20	ND<20	ND<20	ND<20	ND<4.0	
MW-6									
6/1/2011									Insufficient Water
MW-7									
6/1/2011									Insufficient Water
MW-8									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-9									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-10									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-11									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-12									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	

Notes:
ND = not detected above the given laboratory limit
ug/L = parts per billion
J = Estimated Value

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3645 Crenshaw Boulevard, Los Angeles, California

DATE	DEPTH TO GW (feet)	SPH THICKN.	GW ELEV. (feet relative to MSL)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE by 8260 (ug/L)	TBA by 8260 (ug/L)	DIPE by 8260 (ug/L)	ETBE by 8260 (ug/L)	TAME by 8260 (ug/L)	Ethanol (ug/L)	Methane (ug/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	DO (ppm)	ORP (mV)	COMMENTS
MW-1	**Top of Casing Elevation (ft): 110.08**																				
02/02/07	33.83	0.00	76.25																		Insufficient water
02/12/07	33.63	0.00	76.45	69 a	ND<0.50	ND<0.50	ND<0.50	ND<1.0	23	100	ND<1.0	ND<1.0	ND<1.0	ND<150							
04/12/07	33.96	0.00	76.12																		Insufficient water
07/18/07	33.82	0.00	76.26																		Insufficient water
10/05/07	33.87	0.00	76.21																		Insufficient water
01/16/08	33.90	0.00	76.18																		Insufficient water
04/01/08	33.84	0.00	76.24																		Insufficient water
07/01/08	33.84	0.00	76.24																		Insufficient water
10/14/08	NM	0.00	NM																		Unable to access
01/26/09	33.72	0.00	76.36																		Insufficient water
04/27/09	34.01	0.00	76.07	59	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.3	21	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/27/09	33.96	0.00	76.12	64	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
01/05/10	33.77	0.00	76.31	70	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.2	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	33.99	0.00	76.09	54	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.4	27	ND<2.0	ND<2.0	ND<2.0	ND<100	NA	NA	NA				
1/26/2011	33.92	0.00	76.16																		Insufficient Water
6/1/2011	33.99	0.00	76.09																		Insufficient Water
MW-2	**Top of Casing Elevation (ft): 110.29**																				
02/02/07	31.82	0.00	78.47																		
02/12/07	32.08	0.00	78.21	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	11	ND<10	2.4	ND<1.0	ND<1.0	ND<150							
04/12/07	32.11	0.00	78.18	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	7.9	ND<10	2.4	ND<1.0	ND<1.0	ND<150							
07/18/07	31.90	0.00	78.39	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.1	ND<10	1.6	ND<1.0	ND<1.0	ND<150							
10/05/07	31.60	0.00	78.69	87	ND<0.50	ND<0.50	ND<0.50	ND<1.0	3.5	200	ND<1.0	ND<1.0	ND<1.0	ND<150							
01/16/08	31.41	0.00	78.88	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	12	98	3.8	ND<1.0	ND<1.0	ND<150							
04/01/08	30.96	0.00	79.33	77	ND<0.50	ND<1.0	ND<1.0	ND<1.0	8	76	2.5	ND<2.0	ND<2.0	ND<100 c							
07/01/08	30.25	0.00	80.04	97	ND<0.50	ND<1.0	ND<1.0	ND<1.0	6.7	140	2.3	ND<2.0	ND<2.0	ND<100							
10/14/08	30.67	0.00	79.62	67	ND<0.50	ND<1.0	ND<1.0	ND<1.0	7.7	22	3.6	0.31 d	ND<2.0	ND<100							
01/26/09	30.32	0.00	79.97	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	7.5	110	2.8	ND<2.0	ND<2.0	ND<100							
04/27/09	30.13	0.00	80.16	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	7.8	150	3	ND<2.0	ND<2.0	ND<100							
07/27/09	30.15	0.00	80.14	57	ND<0.50	ND<1.0	ND<1.0	ND<1.0	8.2	150	3.4	ND<2.0	ND<2.0	ND<100							
01/05/10	29.62	0.00	80.67	62	ND<0.50	ND<1.0	ND<1.0	ND<1.0	7.9	220	3.5	ND<2.0	ND<2.0	ND<100							
07/07/10	29.38	0.00	80.91	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	4.6	210	ND<2.0	ND<2.0	ND<2.0	ND<100	3.51	ND<0.1	110	0.2	0.78	-56	
1/26/2011	27.74	0.00	82.55	26.6 J	ND<1.0	ND<1.0	ND<1.0	ND<2.0	4.7	256	2.3 J	0.75 J	ND<5.0	ND<100	6.6	ND<0.10	129	0.2	0.81	-63	
6/1/2011	28.60	0.00	81.69	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	3.5	123	1.5 J	0.6 J	ND<5.0	ND<100	49.7	ND<0.10	126	0.4	0.96	-108	
MW-3	**Top of Casing Elevation (ft): 109.86**																				
02/02/07	33.09	0.00	76.77																		
02/12/07	33.30	0.00	76.56																		Insufficient water
04/12/07	33.39	0.00	76.47																		Insufficient water
07/18/07	32.78	0.00	77.08	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	11	220	ND<1.0	13	ND<1.0	ND<150							
10/05/07	32.81	0.00	77.05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	8.8	100	ND<1.0	12	ND<1.0	ND<150							
01/16/08	32.78	0.00	77.08	ND<500 b	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<10	3300	ND<10	ND<10	ND<10	ND<1500							
04/01/08	31.81	0.00	78.05	750	ND<5.0	ND<10	ND<10	ND<10	16	7700	ND<20	ND<20	ND<20	ND<100 c							
07/01/08	31.50	0.00	78.36	260	ND<2.5	ND<5.0	ND<5.0	ND<5.0	11	7300	ND<10	ND<10	ND<10	ND<500							
10/14/08	31.13	0.00	78.73	690	ND<5.0	ND<10	ND<10	ND<10	14	3600	ND<20	6.8 d	ND<20	ND<1000							
01/26/09	30.24	0.00	79.62	ND<500	ND<5.0	ND<10	ND<10	ND<10	11	4700	ND<20	ND<20	ND<20	ND<1000							
04/27/09	33.39	0.00	76.47																		Insufficient water
07/27/09	33.40	0.00	76.46																		Insufficient water
01/05/10	NM	0.00	NM																		Dry
07/07/10	NM	0.00	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS				
1/26/2011	33.13	0.00	76.73																		Insufficient Water
6/1/2011	33.29	0.00	76.57																		Insufficient Water

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3645 Crenshaw Boulevard, Los Angeles, California

DATE	DEPTH TO GW (feet)	SPH THICKN.	GW ELEV. (feet relative to MSL)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE by 8260 (ug/L)	TBA by 8260 (ug/L)	DIPE by 8260 (ug/L)	ETBE by 8260 (ug/L)	TAME by 8260 (ug/L)	Ethanol (ug/L)	Methane (ug/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	DO (ppm)	ORP (mV)	COMMENTS
MW-4	**Top of Casing Elevation (ft): 110.63**																				
06/27/08	33.18	0.00	77.45																		
07/01/08	33.16	0.00	77.47	1100	72	4.4	3.2	40	ND<1.0	18	ND<2.0	ND<2.0	ND<2.0	ND<100							
10/14/08	32.84	0.00	77.79	1300	100	2.4 e	1.9	8.8	7.9	24	2.0 d	ND<2.0	ND<2.0	ND<100							
01/26/09	30.01	0.00	80.62	480	96	1.7	ND<1.0	2.3	6.9	31	2.1	ND<2.0	ND<2.0	ND<100							
04/27/09	34.33	0.00	76.30																		Insufficient water
07/27/09	25.60	0.00	85.03	450	47	ND<1.0	ND<1.0	1.4	7.8	29	ND<2.0	ND<2.0	ND<2.0	ND<100							
01/05/10	24.83	0.00	85.80	1100	110	2.1	2	3.8	6.3	31	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	17.40	0.00	93.23	590	49	1.5	1.7	3.2	4.4	23	ND<2.0	ND<2.0	ND<2.0	ND<100	156	ND<0.1	210	0.1	0.81	-84	
1/26/2011	15.51	0.00	95.12	816	83.9	5.5	14	45.9	1.9 J	52.4	ND<10	ND<10	ND<10	ND<200	110	ND<0.10	199	0.2	0.78	-91	
6/1/2011	14.50	0.00	96.13	443	54.1	2.9	4.8	11.1	ND<1.0	31.9	ND<5.0	ND<5.0	ND<5.0	ND<100	204	ND<0.11	229	0.2	0.63	-207	
MW-5	**Top of Casing Elevation (ft): 112.14**																				
02/02/07	29.78	0.00	82.36																		
02/12/07	32.72	0.00	79.42	1300 a	ND<5.0	ND<5.0	ND<5.0	ND<10	2100	10000	ND<10	41	10	ND<1500							
04/12/07	32.80	0.00	79.34	880	ND<5.0	ND<5.0	ND<5.0	ND<10	1300	12000	ND<10	39	ND<10	ND<1500							
07/18/07	31.61	0.00	80.53	500 a	ND<5.0	ND<5.0	ND<5.0	ND<10	730	9900	ND<10	26	ND<10	ND<1500							
10/05/07	33.00	0.00	79.14	1000	ND<10	ND<10	ND<10	ND<20	290	31000	ND<20	ND<20	ND<20	ND<3000							
01/16/08	31.29	0.00	80.85	ND<5000 b	ND<50	ND<50	ND<50	ND<100	100	38000	ND<100	ND<100	ND<100	ND<15000							
04/01/08	31.72	0.00	80.42	1700	ND<10	ND<20	ND<20	ND<20	370	16000	ND<40	ND<40	ND<40	ND<100 c							
07/01/08	32.41	0.00	79.73	ND<1000	ND<10	ND<20	ND<20	ND<20	180	11000	ND<40	ND<40	ND<40	ND<2000							
10/14/08	33.61	0.00	78.53	1900	ND<10	ND<20	ND<20	ND<20	45	11000	ND<40	16 d	ND<40	ND<2000							
01/26/09	33.12	0.00	79.02	1000	ND<10	ND<20	ND<20	ND<20	190	8100	ND<40	ND<40	ND<40	ND<2000							
04/27/09	33.37	0.00	78.77	270	ND<1.0	ND<2.0	ND<2.0	ND<2.0	23	9100	ND<4.0	9.8	ND<4.0	ND<200							
07/27/09	33.42	0.00	78.72	260	ND<1.0	ND<2.0	ND<2.0	ND<2.0	23	7000	ND<4.0	14	ND<4.0	ND<200							
01/05/10	32.57	0.00	79.57	410	ND<2.5	ND<5.0	ND<5.0	ND<5.0	15	8400	ND<10	14	ND<10	ND<500							
07/07/10	31.93	0.00	80.21	120	ND<0.50	ND<1.0	ND<1.0	ND<1.0	30	4000	ND<2.0	7.9	ND<2.0	ND<100	ND<1	ND<0.1	370	0.2	1.03	-63	
1/26/2011	30.42	0.00	81.72	ND<500	ND<10	ND<10	ND<10	ND<20	33.3	2760	ND<50	ND<50	ND<50	ND<1000	0.11	ND<0.10	173	0.2	0.98	-56	
6/1/2011	30.84	0.00	81.30	ND<200	ND<4.0	ND<4.0	ND<4.0	ND<8.0	3.8 J	1300	ND<20	2.8 J	ND<20	ND<400	0.17	ND<0.12	343	0.2	0.87	-119	
MW-6	**Top of Casing Elevation (ft): 108.30**																				
06/27/08	30.83	0.00	77.47																		
07/01/08	31.00	0.00	77.30																		Insufficient water
10/14/08	30.97	0.00	77.33																		Insufficient water
01/26/09	31.00	0.00	77.30																		Insufficient water
04/27/09	31.07	0.00	77.23																		Insufficient water
07/27/09	31.11	0.00	77.19																		Insufficient water
01/05/10	31.21	0.00	77.09																		Insufficient water
07/07/10	31.09	0.00	77.21																		Gauged only
1/26/2011	31.17	0.00	77.13																		Insufficient Water
6/1/2011	30.95	0.00	77.35																		Insufficient Water
MW-7	**Top of Casing Elevation (ft): 109.80**																				
06/27/08	33.82	0.00	75.98																		
07/01/08	33.93	0.00	75.87																		Insufficient water
10/14/08	34.62	0.00	75.18																		Insufficient water
01/26/09	34.58	0.00	75.22																		Insufficient water
04/27/09	34.47	0.00	75.33																		Insufficient water
07/27/09	NM	0.00	NM																		Dry
01/05/10	NM	0.00	NM																		Dry
07/07/10	34.45	0.00	75.35																		Gauged only
1/26/2011	34.32	0.00	75.48																		Insufficient Water
6/1/2011	34.26	0.00	75.54																		Insufficient Water

TABLE 3
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3645 Crenshaw Boulevard, Los Angeles, California

DATE	DEPTH TO GW (feet)	SPH THICKN.	GW ELEV. (feet relative to MSL)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE by 8260 (ug/L)	TBA by 8260 (ug/L)	DIPE by 8260 (ug/L)	ETBE by 8260 (ug/L)	TAME by 8260 (ug/L)	Ethanol (ug/L)	Methane (ug/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	DO (ppm)	ORP (mV)	COMMENTS
MW-8	**Top of Casing Elevation (ft): 109.96**																				
06/15/09	15.81	0.00	94.15																		
07/27/09	16.55	0.00	93.41	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
01/05/10	16.30	0.00	93.66	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	15.61	0.00	94.35	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/26/2011	14.21	0.00	95.75	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
6/1/2011	16.92	0.00	93.04	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-9	**Top of Casing Elevation (ft): 109.20**																				
01/27/10	13.00	0.00	96.20																		
02/03/10	13.01	0.00	96.19	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	13.21	0.00	95.99	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/26/2011	11.48	0.00	97.72	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
6/1/2011	9.92	0.00	99.28	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-10	**Top of Casing Elevation (ft): 109.09**																				
01/27/10	13.81	0.00	95.28																		
02/03/10	13.30	0.00	95.79	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	13.50	0.00	95.59	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/26/2011	11.94	0.00	97.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
6/1/2011	9.94	0.00	99.15	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-11	**Top of Casing Elevation (ft): 110.02**																				
06/15/09	18.67	0.00	91.35																		
07/27/09	19.21	0.00	90.81	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
01/05/10	19.44	0.00	90.58	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	18.30	0.00	91.72	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/26/2011	18.18	0.00	91.84	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
6/1/2011	16.94	0.00	93.08	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
MW-12	**Top of Casing Elevation (ft): 109.61**																				
06/15/09	17.83	0.00	91.78																		
07/27/09	18.32	0.00	91.29	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
01/05/10	18.19	0.00	91.42	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
07/07/10	17.67	0.00	91.94	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100							
1/26/2011	17.21	0.00	92.40	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							
6/1/2011	16.82	0.00	92.79	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<100							

Notes:
GW = groundwater
SPH = separate-phase hydrocarbons
MSL = mean sea level
ND = not detected
ug/L = parts per billion
TPH-G = total petroleum hydrocarbons as gasoline – analyzed using California DHS LUFT Method, EPA Method 8015M, EPA Method 8260B, or as total purgeable petroleum hydrocarbons (TPPH) by EPA Method 8260B.
Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B
DO - dissolved oxygen
ORP = Oxidation-Reduction Potential
mg/L = milligrams per litre
mV = millivolt
J = Estimated Value
a = hydrocarbon result partly due to individual peak(s) in quantitation range.
b - Reporting limit raised due to high concentration of non-target analytes.
c = ethanol analyzed using EPA method 8015B(M).
d= Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
e = Analyte was present in the associated method blank.
MTBE = methyl tertiary butyl ether analyzed using EPA Method 8260B
TBA = tertiary butyl alcohol analyzed using EPA Method 8260B
DIPE = diisopropyl ether analyzed using EPA Method 8260B
ETBE = ethyl tertiary butyl ether analyzed using EPA Method 8260B
TAME = tertiary amyl methyl ether analyzed using EPA Method 8260B
Ethanol analyzed using EPA Method 8260B
Survey data of wells MW-4, MW-6 and MW-7 for 3Q08 provided by Delta.

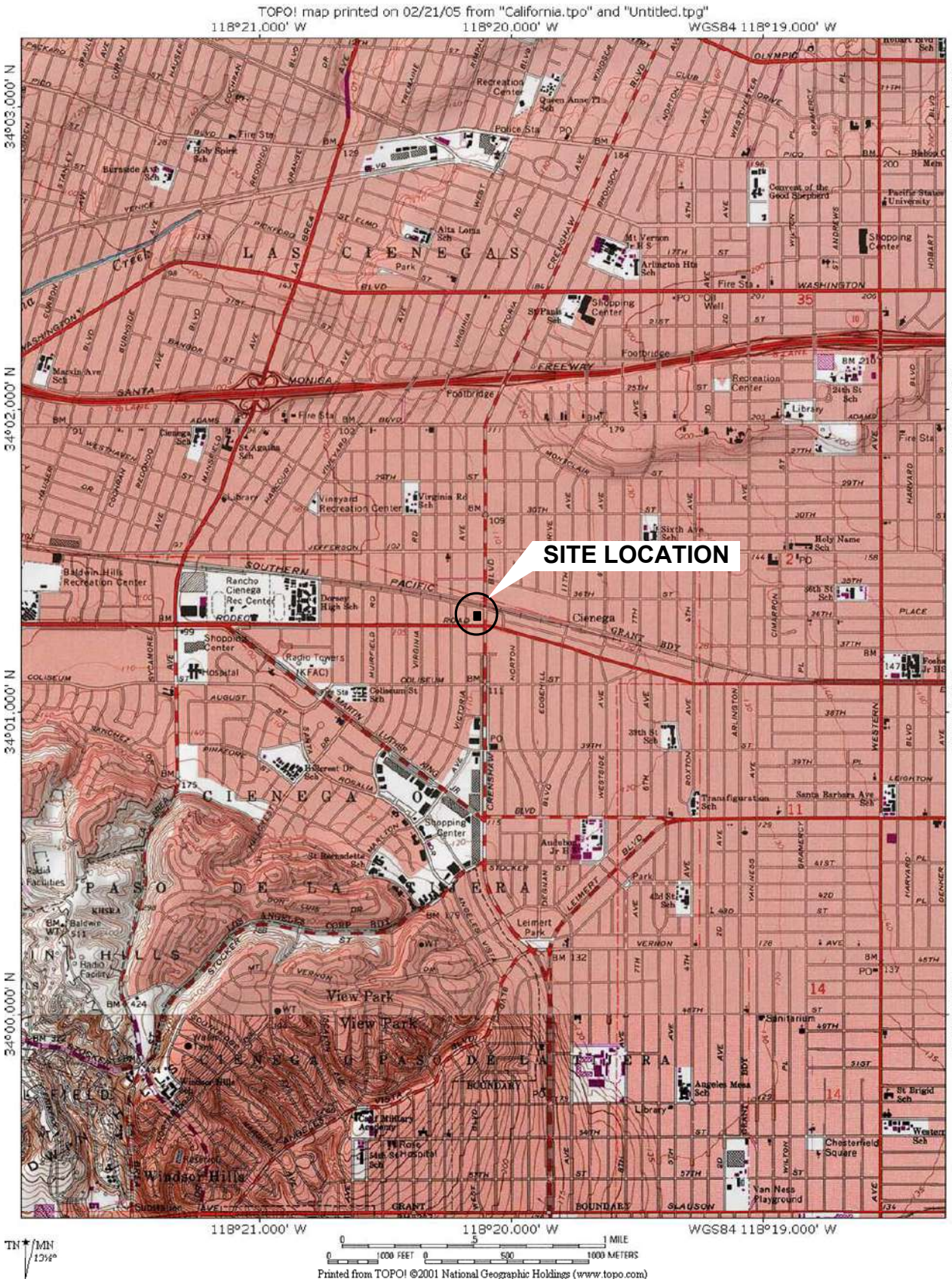
TABLE 3a
HISTORICAL GROUNDWATER ADDITIONAL ANALYTICAL DATA
Shell Service Station
3645 Crenshaw Boulevard, Los Angeles, California

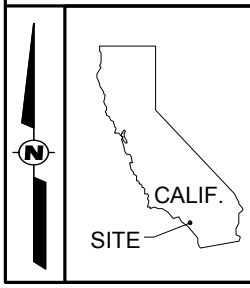
DATE	n-Butylbenzene (ug/L)	sec-Butylbenzene (ug/L)	Isopropylbenzene (ug/L)	Naphthalene (ug/L)	n-Propylbenzene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Tetrachloroethene (ug/L)	COMMENTS
MW-1									
6/1/2011									Insufficient Water
MW-2									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	**0.31 J**	
MW-3									
6/1/2011									Insufficient Water
MW-4									
6/1/2011	**0.96 J**	**0.91 J**	**6.1**	**14**	**10**	**1.1 J**	**0.58 J**	ND<1.0	
MW-5									
6/1/2011	ND<20	ND<20	ND<4.0	ND<20	ND<20	ND<20	ND<20	ND<4.0	
MW-6									
6/1/2011									Insufficient Water
MW-7									
6/1/2011									Insufficient Water
MW-8									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-9									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-10									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-11									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	
MW-12									
6/1/2011	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	

Notes:
ND = not detected above the given laboratory limit
ug/L = parts per billion
J = Estimated Value

FIGURES

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
			LUI 04/17/03



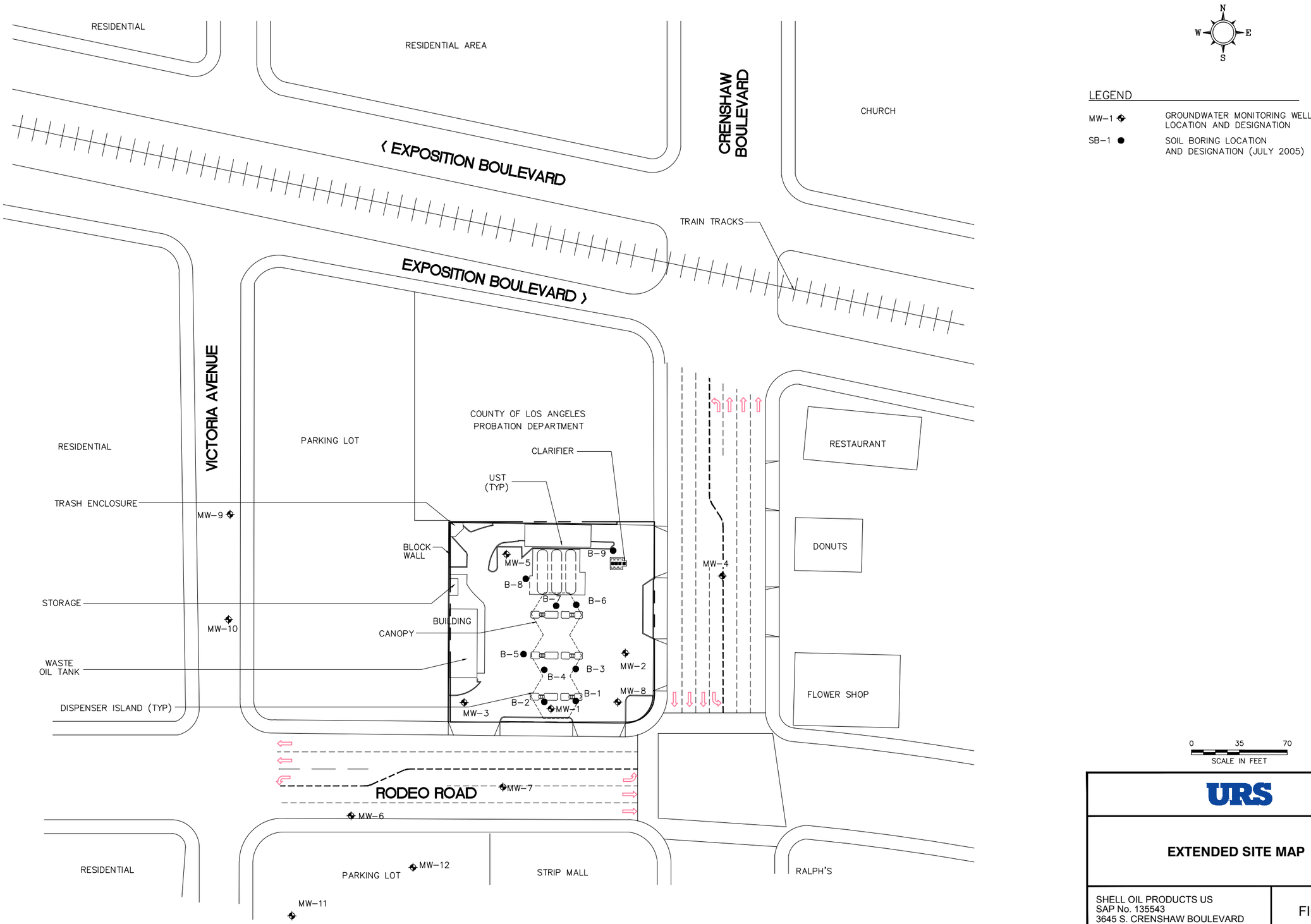


URS

SHELL OIL PRODUCTS US
SHELL SERVICE STATION
LOS ANGELES, CALIFORNIA

FIGURE 1
SITE LOCATION MAP

3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA



URS

EXTENDED SITE MAP

SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 2

135543_11Q2.dwg , File date: 7/7/2011, Print date: 7/7/2011 by: ICD

EXPOSITION BOULEVARD ⟨

TRAIN TRACKS

EXPOSITION BOULEVARD ⟩

N
W E
S

LEGEND

MW–1 ✥	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
95.12	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
95.00 — — —	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
	CONTOUR INTERVAL=1.00 FEET
0.03 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
**	NOT USED IN CONTOURING, INSUFFICIENT WATER IN WELL
*	NOT USED IN CONTOURING

VICTORIA AVENUE

PARKING LOT

COUNTY OF LOS ANGELES PROBATION DEPARTMENT

CRENSHAW BOULEVARD

RESTAURANT

DONUTS

FLOWER SHOP

RALPH'S

STRIP MALL

PARKING LOT

RODEO ROAD

TRASH ENCLOSURE

PROPERTY LINE

BLOCK WALL

BUILDING

PLTR

CLARIFIER

DRIVEWAY

UST

STORAGE

CANOPY

PLANTER

SIDEWALK

CONCRETE

WASTE OIL TANK

DISPENSER ISLAND (TYP)

0.03 ft/ft

CONCRETE (TYP)

MW–9 99.28

MW–10 99.15

MW–11 93.08

MW–12 92.79

MW–6 77.35*

MW–7 75.54*

MW–3 76.57**

MW–5 81.30*

MW–1 76.09*

MW–8 93.04

MW–2 81.69*

MW–4 96.13

99.00

98.00

97.00

96.00

95.00

94.00

93.00

0 25 50
SCALE IN FEET

URS

GROUNDWATER ELEVATION CONTOUR MAP
06/01/2011

SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 3

N
W E
S

LEGEND

MW–1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
TPH–g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	METHYL TERT–BUTYL ETHER
TBA	TERT–BUTYL ALCOHOL
ND<	NOT DETECTED ABOVE LIMIT NOTED
µg/L	MICROGRAMS PER LITER
0.03 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
NS	NOT SAMPLED, INSUFFICIENT WATER IN WELL
J	ESTIMATED VALUE BETWEEN METHOD DETECTION LIMIT AND PRACTICAL QUANTATIVE LIMITS

EXPOSITION BOULEVARD ⟨

TRAIN TRACKS

EXPOSITION BOULEVARD ⟩

VICTORIA AVENUE

CRENSHAW BOULEVARD

RESTAURANT

DONUTS

FLOWER SHOP

RALPH'S

PARKING LOT

COUNTY OF LOS ANGELES PROBATION DEPARTMENT

STRIP MALL

PARKING LOT

RODEO ROAD

CONCRETE (TYP)

TRASH ENCLOSURE

PROPERTY LINE

BLOCK WALL

BUILDING

PLTR

CLARIFIER

UST

CANOPY

STORAGE

WASTE OIL TANK

DISPENSER ISLAND (TYP)

BUILDING

CONCRETE

PLANTER

DRIVEWAY

SIDEWALK

DRIVEWAY

PLANTER

SIDEWALK

DRIVEWAY

0.03 ft/ft

MW–1 NS

MW–2

MW–3 NS

MW–4

MW–5

MW–6 NS

MW–7 NS

MW–8

MW–9

MW–10

MW–11

MW–12

MW-9				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<50	ND<1.0	ND<1.0	ND<10

MW-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<200	ND<4.0	**3.8 J**	**1,300**

MW-10				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<50	ND<1.0	ND<1.0	ND<10

MW-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	**443**	**54.1**	ND<1.0	**31.9**

MW-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<50	ND<1.0	**3.5**	**123**

MW-8				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<50	ND<1.0	ND<1.0	ND<10

MW-11				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<50	ND<1.0	ND<1.0	ND<10

MW-12				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
06/01/11	ND<50	ND<1.0	ND<1.0	ND<10

0 25 50
SCALE IN FEET

URS

GROUNDWATER HYDROCARBON DISTRIBUTION MAP 06/01/2011

SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 4

EXPOSITION BOULEVARD

TRAIN TRACKS

EXPOSITION BOULEVARD

CRENSHAW BOULEVARD

VICTORIA AVENUE

RODEO ROAD

PARKING LOT

COUNTY OF LOS ANGELES PROBATION DEPARTMENT

RESTAURANT

DONUTS

FLOWER SHOP

RALPH'S

STRIP MALL

PARKING LOT

TRASH ENCLOSURE

PROPERTY LINE

BLOCK WALL

BUILDING

PLTR

CLARIFIER

DRIVEWAY

UST

STORAGE

CANOPY

PLANTER

SIDEWALK

CONCRETE

BUILDING

WASTE OIL TANK

DISPENSER ISLAND (TYP)

PLANTER

DRIVEWAY

SIDEWALK

DRIVEWAY

CONCRETE (TYP)

MW-1 NS

MW-2 ND<50

MW-3 NS

MW-4 443

MW-5 ND<200

MW-6 NS

MW-7 NS

MW-8 ND<50

MW-9 ND<50

MW-10 ND<50

MW-11 ND<50

MW-12 ND<50

100

?

N

W

E

S

LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
443	TPH-g CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
100	LINE OF EQUAL TPH-g CONCENTRATION, QUERIED WHERE INFERRED
TPH-g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED, INSUFFICIENT WATER IN WELL

0 25 50

SCALE IN FEET

URS

TPH-g ISOCONCENTRATION MAP
06/01/2011

SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 5

EXPOSITION BOULEVARD ⟨

TRAIN TRACKS

EXPOSITION BOULEVARD ⟩

N
W E
S

LEGEND

MW–1 ◆	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
54.1	BENZENE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
10 — — —	LINE OF EQUAL BENZENE CONCENTRATION
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED, INSUFFICIENT WATER IN WELL

PARKING LOT

COUNTY OF LOS ANGELES PROBATION DEPARTMENT

TRASH ENCLOSURE

PROPERTY LINE

BLOCK WALL

PLTR

BUILDING

CLARIFIER

DRIVEWAY

MW–9 ND<1.0

VICTORIA AVENUE

MW–5 ND<4.0

UST

MW–4 54.1

10

CRENSHAW BOULEVARD

RESTAURANT

DONUTS

STORAGE

PLANTER

SIDEWALK

MW–10 ND<1.0

CONCRETE

BUILDING

CANOPY

MW–2 ND<1.0

WASTE OIL TANK

DISPENSER ISLAND (TYP)

PLANTER

DRIVEWAY

FLOWER SHOP

MW–3 NS

MW–1 NS

MW–8 ND<1.0

PLTR

DRIVEWAY

SIDEWALK

DRIVEWAY

CONCRETE (TYP)

RODEO ROAD

MW–7 NS

MW–6 NS

PARKING LOT

STRIP MALL

RALPH'S

MW–12 ND<1.0

MW–11 ND<1.0

0 25 50
SCALE IN FEET

URS

BENZENE ISOCONCENTRATION MAP 06/01/2011

SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 6

EXPOSITION BOULEVARD

TRAIN TRACKS

EXPOSITION BOULEVARD

CRENSHAW BOULEVARD

VICTORIA AVENUE

RODEO ROAD

PARKING LOT

COUNTY OF LOS ANGELES PROBATION DEPARTMENT

RESTAURANT

DONUTS

FLOWER SHOP

RALPH'S

STRIP MALL

PARKING LOT

TRASH ENCLOSURE

PROPERTY LINE

BLOCK WALL

PLTR

BUILDING

CLARIFIER

DRIVEWAY

UST

STORAGE

CANOPY

PLANTER

SIDEWALK

CONCRETE

BUILDING

WASTE OIL TANK

DISPENSER ISLAND (TYP)

PLANTER

DRIVEWAY

SIDEWALK

DRIVEWAY

CONCRETE (TYP)

MW-9
ND<1.0

MW-10
ND<1.0

MW-5
3.8 J

MW-4
ND<1.0

MW-2
3.5

MW-3
NS

MW-1
NS

MW-8
ND<1.0

MW-7
NS

MW-6
NS

MW-12
ND<1.0

MW-11
ND<1.0

-1.0

N
W E
S

LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
3.5	MTBE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
1.0	LINE OF EQUAL MTBE CONCENTRATION, QUERIED WHERE INFERRED
MTBE	METHYL TERT-BUTYL ETHER
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED, INSUFFICIENT WATER IN WELL
J	ESTIMATED VALUE BETWEEN METHOD DETECTION LIMIT AND PRACTICAL QUANTATIVE LIMITS

0 25 50
SCALE IN FEET

URS

MTBE ISOCONCENTRATION MAP
06/01/2011

SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 7

EXPOSITION BOULEVARD

TRAIN TRACKS

EXPOSITION BOULEVARD

CRENSHAW BOULEVARD

VICTORIA AVENUE

RODEO ROAD

PARKING LOT

COUNTY OF LOS ANGELES PROBATION DEPARTMENT

RESTAURANT

DONUTS

FLOWER SHOP

RALPH'S

STRIP MALL

PARKING LOT

TRASH ENCLOSURE

PROPERTY LINE

BLOCK WALL

PLTR

BUILDING

CLARIFIER

DRIVEWAY

MW-5
1,300

MW-4
31.9

1,000

UST

STORAGE

PLANTER

SIDEWALK

100

CANOPY

CONCRETE

BUILDING

10

MW-2
123

WASTE OIL TANK

DISPENSER ISLAND (TYP)

PLANTER

MW-3
NS

MW-1
NS

MW-8
ND<10

PLTR

DRIVEWAY

SIDEWALK

DRIVEWAY

CONCRETE (TYP)

MW-9
ND<10

MW-10
ND<10

MW-7
NS

MW-6
NS

MW-12
ND<10

MW-11
ND<10

N
W
E
S

LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
31.9	TBA CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
1,000	LINE OF EQUAL TBA CONCENTRATION, QUERIED WHERE INFERRED
TBA	TERT-BUTYL ALCOHOL
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED, INSUFFICIENT WATER IN WELL

0 25 50
SCALE IN FEET

URS

TBA ISOCONCENTRATION MAP
06/01/2011

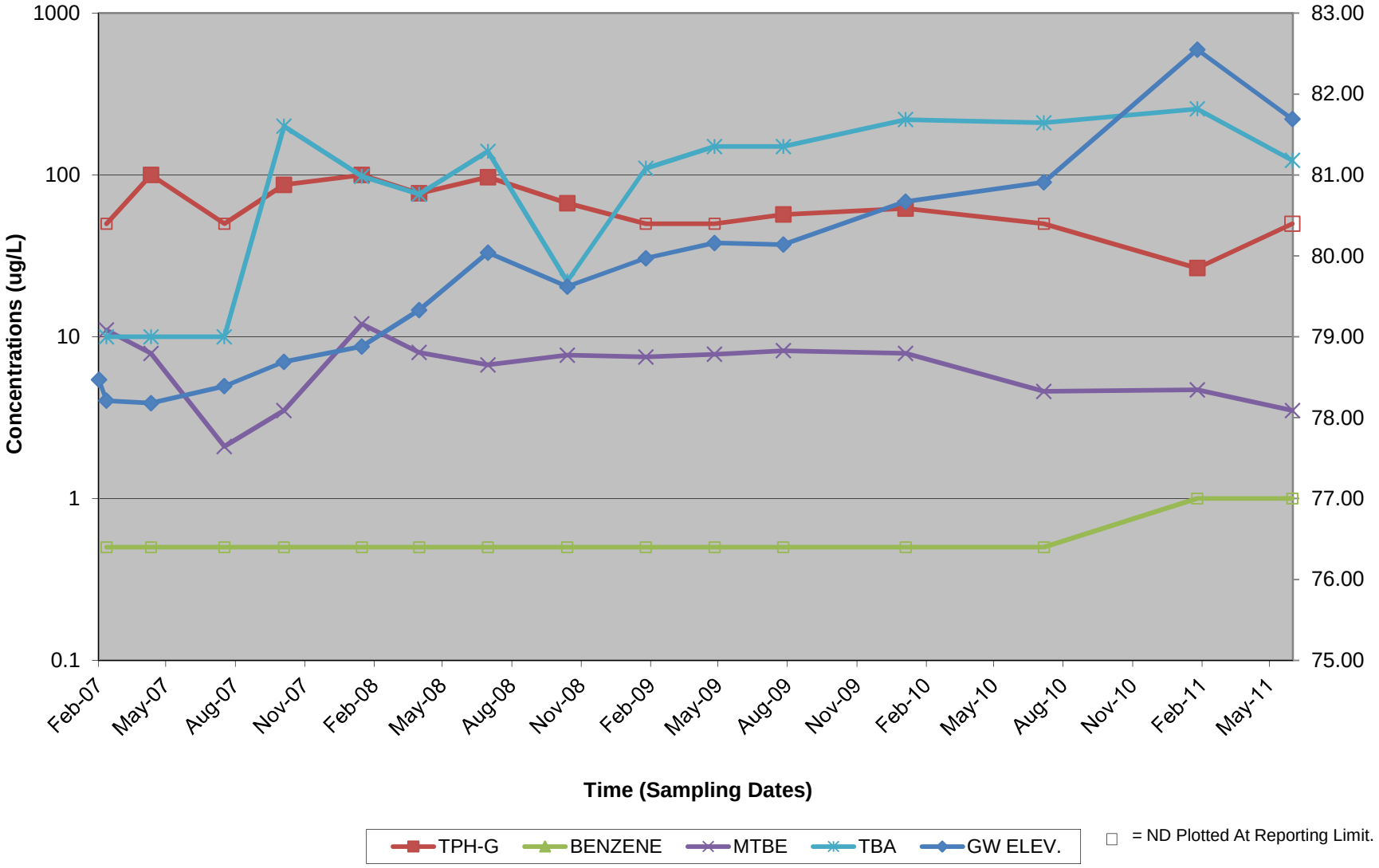
SHELL OIL PRODUCTS US
SAP No. 135543
3645 S. CRENSHAW BOULEVARD
LOS ANGELES, CALIFORNIA

FIGURE 8

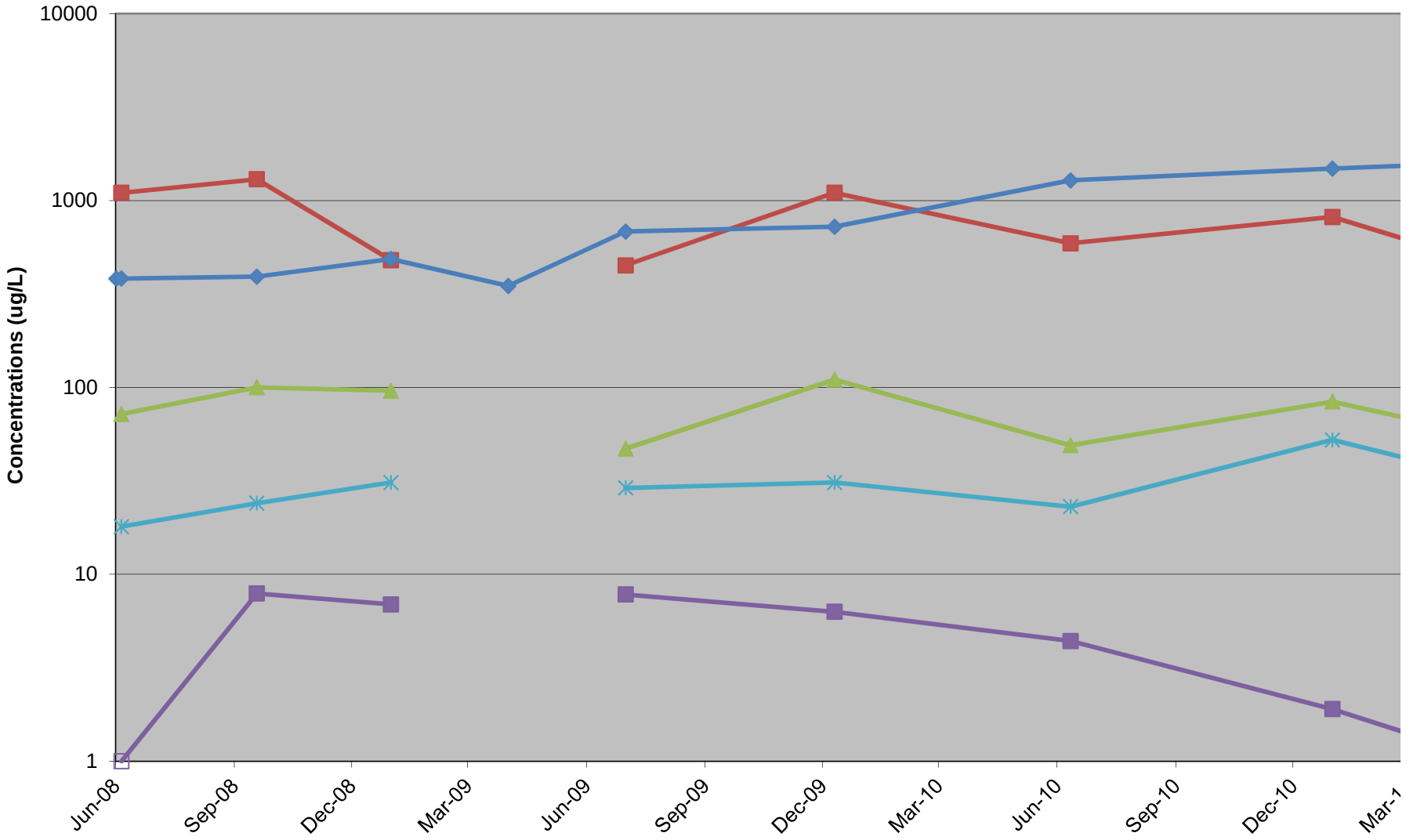
135543_11Q2.dwg , File date: 7/7/2011, Print date: 7/7/2011 by: ICD

GRAPHS

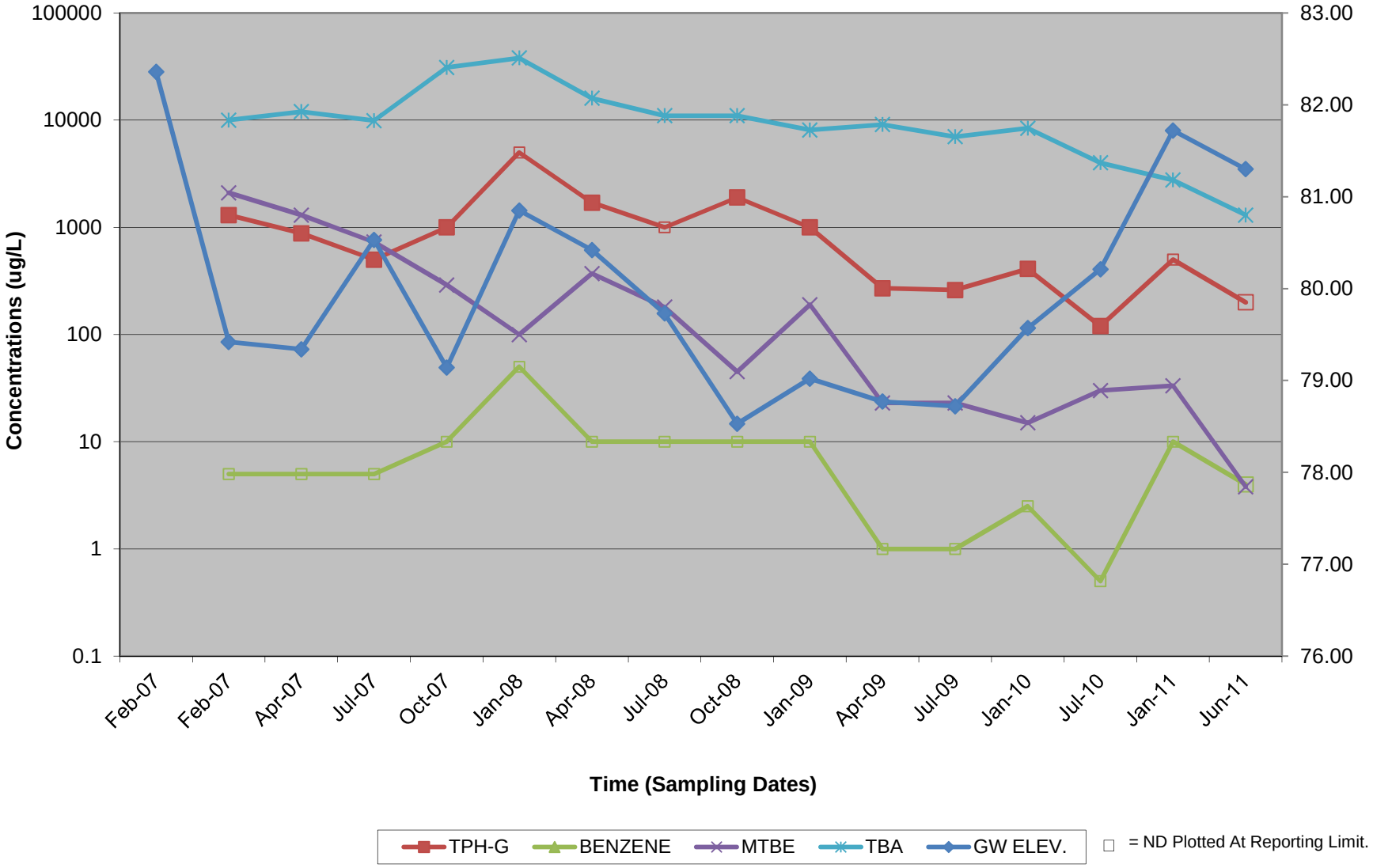
Graph 1 - TPH-g, Benzene, MTBE, TBA Concentrations vs. Time (MW-2)



Graph 2 - TPH-g, Benzene, MTBE, TBA Concentrations vs. Time (MW-4)



Graph 3 - TPH-g, Benzene, MTBE, TBA Concentrations vs. Time (MW-5)



APPENDIX A

BLAINE TECH SERVICES, INC

FIELD DATA SHEETS

WELL GAUGING DATA

Project # 110501-EV1 Date 6/1/11 Client URS

Site 3645 S. Crenshaw Blvd Los Angeles

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or ~~TOC~~	Notes
MW-1	0844	4					33.99	34.54		
MW-2	0830	4					28.60	33.07		
MW-3	0850	4					33.29	33.70		
MW-4	1313	2					14.50	33.40		traffic
MW-5	1143	~~4~~					~~30.84~~ 30.45 EV	~~34.50~~ 31.32 EV		parked over
MW-6	1211	2					30.95	31.32		traffic
MW-7	1230	2					34.26	34.61		traffic
MW-8	0837	4					16.92	19.71		
MW-9	0955	2					9.92	22.80		traffic
MW-10	0930	2					9.94	22.75		traffic
MW-11	0810	2					16.94	23.87		
MW-12	0820	2					16.82	23.39		

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.54	Depth to Water (DTW): 33.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: (Bailer) Waterra
Disposable Bailer Peristaltic
Positive Air Displacement Extraction Pump
Electric Submersible Other_____

Sampling Method: (Bailer) Disposable Bailer Extraction Port Dedicated Tubing Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

—(Gals.) X — = — Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
—	Attempted to purge w/ bailer, unable to obtain					
	water. Insufficient water to purge/ Sample —					
—	NO Sample taken					

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Test America CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 1106 DI - EV	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 33.07	Depth to Water (DTW): 28.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 29.49	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.0 (Gals.) X 3 = 9.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1131	72.3	6.9	1495	>1000	3.5	
—	Well dewatered @ 4.0 gal					—
1337	72.9	6.6	1499	>1000	—	Fe^{2+} = 0.24 mg/L

Did well dewater? Yes (No) Gallons actually evacuated: 4.0

Sampling Date: 6/1/11 Sampling Time: 1337 Depth to Water: 31.07 (> 2hr)

Sample I.D.: MW-2 Laboratory: Test America CalScience Other Accelas

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE S.O.W.

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.96	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	-108	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 33.70	Depth to Water (DTW): 33.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

___ (Gals.) X ___	= ___ Gals.
1 Case Volume	Specified Volumes / Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
___	Attempted to purge w/ bailer. Unable to obtain					
	water. Insufficient water to purge/sample.					
___	NO	Sample		Taken		

Did well dewater? Yes No — Gallons actually evacuated:

Sampling Date: — Sampling Time: — Depth to Water:

Sample I.D.: — Laboratory: Test America / CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time — Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 33.40	Depth to Water (DTW): 14.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.96	

Purge Method: (Bailer) ~~Bailer~~ (EV Bailer)
Disposable Bailer
Positive Air Displacement
Electric ~~Submersible~~ (Submersible)
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method: (Bailer) ~~Bailer~~
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

3.1 (Gals.) X	3	=	9.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1310	62.9	6.8	2014	>1000	3.5	
—	Well dewatered @ 3.5 gal					—
1508	63.4	6.5	1947	>1000	—	Fe^{2+} = 0.2 mg/L

Did well dewater? (Yes) No Gallons actually evacuated: 3.5

Sampling Date: 6/1/11 Sampling Time: 1508 Depth to Water: 18.39

Sample I.D.: MW-4 Laboratory: Test America CalScience Other Accutest

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Oxygenates (5) Other: See Sow

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.63	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	-207	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 37.50	Depth to Water (DTW): 30.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.57	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

2.4 (Gals.) X	3	=	7.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1149	70.0	6.6	2117	634	2.5	
	Well dewatered @				3.5 gal	
1357	69.0	6.5	2174	247	—	Fe^{2+} = 0.2 mg/L

Did well dewater? Yes (No) Gallons actually evacuated: 3.5

Sampling Date: 6/1/11 Sampling Time: 1357 Depth to Water: 31.14

Sample I.D.: MW-5 Laboratory: Test America CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See S.O.W.

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.87	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	-119	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 31.32	Depth to Water (DTW): 30.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: (Bailer) Waterra
Disposable Bailer Peristaltic
Positive Air Displacement Extraction Pump
Electric Submersible Other_____

Sampling Method: (Bailer)
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

___ (Gals.) X	___	= ___ Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
—	Attempted to purge w/bailer. Unable to obtain					
	water. Insufficient water to purge/sample					—
—	No sample taken				—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Test America CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 100601-EV1	Site: 92662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 34.61	Depth to Water (DTW): 34.26
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

___ (Gals.) X ___ = ___ Gals.
1 Case Volume / Specified Volumes / Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
—	Attempted to purge w/ bailer. Unable to obtain					
	water. Insufficient water to purge/sample.					
—	No Sample Taken				—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Test America CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97642312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 19.71	Depth to Water (DTW): 16.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.47	

Purge Method: (Bailer) / ~~Disposable Bailer~~ EV / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:

1.9 (Gals.) X	3	=	5.7 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0910	71.4	6.6	1416	180	2.0	
—	well dewatered @ 2.5 gal					—
1115	70.9	6.7	1402	67	—	

Did well dewater? Yes (No) Gallons actually evacuated: 2

Sampling Date: 6/1/11 Sampling Time: 1115 Depth to Water: 17.33

Sample I.D.: MW-8 Laboratory: Test America CalScience (Other) Accutest

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D (Oxygenates (5)) Other: Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97642312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 22.80	Depth to Water (DTW): 9.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.49	

Purge Method: (Bailer), Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

2.1 (Gals.) X 3 = 6.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1002	70.1	6.9	2686	357	2.5	
1004	70.9	6.7	2805	438	4.5	
1006	71.1	6.7	2842	371	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Date: 6/1/11 Sampling Time: 1015 Depth to Water: 11.68

Sample I.D.: MW-9 Laboratory: Test America CalScience (Other) Accutest

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Oxygenates (5) Other: Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 22.75	Depth to Water (DTW): 9.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.50	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other:_____

2.1 (Gals.) X	3	= 6.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0935	69.8	6.7	2695	986	2.5	
0937	70.5	6.6	2623	>1000	4.5	
0939	69.9	6.6	2557	>1000	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Date: 6/1/11 Sampling Time: 0945 Depth to Water: 12.27

Sample I.D.: MW-10 Laboratory: Test America CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-11	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 23.87	Depth to Water (DTW): 16.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.32	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

1.2 (Gals.) X 3 = 3.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1035	72.0	6.9	1378	308	1.5	
1037	72.6	6.7	1339	224	2.75	
1039	72.9	6.7	1317	361	4.0	

Did well dewater? Yes No Gallons actually evacuated: 4

Sampling Date: 6/1/11 Sampling Time: 1245 Depth to Water: 17.80

Sample I.D.: MW-11 Laboratory: Test America CalScience Other Accutest

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110601-EV1	Site: 97662312
Sampler: EV	Date: 6/1/11
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 23.39	Depth to Water (DTW): 16.82
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.13	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: _____

1.1 (Gals.) X 3 = 3.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1052	72.8	6.8	3064	241	1.5	
1054	72.2	6.7	3185	117	2.5	
1056	72.4	6.6	3216	201	3.5	

Did well dewater? Yes (No) Gallons actually evacuated: 3.5

Sampling Date: 6/1/11 Sampling Time: 1300 Depth to Water: 17.89

Sample I.D.: MW-12 Laboratory: Test America CalScience (Other) Accutest

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Oxygenates (5) Other: Ethanol

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

APPENDIX B

BLAINE TECH SERVICES, INC

FIELD PROCEDURES

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not immediately recharge.

MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed a minimum of 2 hours to recharge prior to sampling. The water level at time of sampling will be noted.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Shell approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using a stainless steel, Teflon or disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Duplicates, if requested, may be collected at a site. The Field Technician uses their discretion in choosing the well at which the Duplicate is collected, typically one suspected of containing measurable contaminants. The Duplicate sample is labeled “DUP” and the time of collection is omitted from the COC, thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 54, 58 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

APPENDIX C

WASTE DISPOSAL DOCUMENTATION

NO. 692680

NON-HAZARDOUS WASTE DATA FORM

BESI #

GENERATOR

Generator's Name and Mailing Address

SHELL OIL PRODUCTS US
20945 S. WILMINGTON
CARSON, CA 90810
ATTN: DEBORAH PRYOR

Generator's Phone: (281) 874-2238

Generator's Site Address (if different than mailing address)

SHELL OIL #:
3645 S. Crenshaw Blvd
Los Angeles, CA

24-HOUR EMERGENCY PHONE: (800) 424-9300

Container type removed from site:

☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other _____

Quantity _____

Container type transported to receiving facility:

☐ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other _____

Quantity _____ Volume 35 gal

WASTE DESCRIPTION NON-HAZARDOUS WASTE LIQUID

GENERATING PROCESS PURGED GROUNDWATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3. SAP #:		
2. TPH		<1%	4. INCIDENT #: 97662312		

Waste Profile _____ PROPERTIES: pH _____ ☐ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name	Signature	Month	Day	Year
Emmanuel Vail	(ON BEHALF OF SOPUS)	6	1	11

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: Blaine Tech Services, Inc. — Phone#: (310) 886-4456

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Emmanuel Vail		6	1	11

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: Nieto & Sons Trucking, Inc. — Phone#: (714) 990-6855

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
DEMENNO/KERDOON
2000 N. ALAMEDA ST
COMPTON, CA 90222

Phone#: (310) 537-7100

Printed/Typed Name	Signature	Month	Day	Year

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

APPENDIX D

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

Northern California
ACCUTEST LABORATORIES

06/17/11

Technical Report for

Shell Oil Products

URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

110601-EV1

Accutest Job Number: C16327

Sampling Date: 06/01/11

Report to:

URS Corporation
915 Wilshire Blve, Suite 700
Los Angeles, CA 90017-3437
jeffrey_pyska@urscorp.com

ATTN: Jeffrey Pyska

Total number of pages in report: **80**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Sections: 1 2 3 4 5 6 7

Table of Contents

Sample Summary

Shell Oil Products

Job No: C16327

URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA
Project No: 110601-EV1

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C16327-1	06/01/11	13:37	EV	06/02/11	AQ	Ground Water	MW-2
C16327-2	06/01/11	15:08	EV	06/02/11	AQ	Ground Water	MW-4
C16327-3	06/01/11	13:57	EV	06/02/11	AQ	Ground Water	MW-5
C16327-4	06/01/11	11:15	EV	06/02/11	AQ	Ground Water	MW-8
C16327-5	06/01/11	10:15	EV	06/02/11	AQ	Ground Water	MW-9
C16327-6	06/01/11	09:45	EV	06/02/11	AQ	Ground Water	MW-10
C16327-7	06/01/11	12:45	EV	06/02/11	AQ	Ground Water	MW-11
C16327-8	06/01/11	13:00	EV	06/02/11	AQ	Ground Water	MW-12

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C16327-1	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22607.D	1	06/07/11	TF	n/a	n/a	VN755
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	1.5	5.0	0.50	ug/l	J
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C16327-1	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.60	5.0	0.50	ug/l	J
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.5	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	123	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	0.31	1.0	0.20	ug/l	J
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C16327-1	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C16327-1	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	RSK-175	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	II51758.D	1	06/10/11	ANJ	n/a	n/a	N:GII2532
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	49.7	0.10	0.022	ug/l	

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C16327-1	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
		Percent Solids:	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	< 0.10	0.10	mg/l	1	06/02/11 22:43	RL	EPA 300/SW846 9056A
Sulfate	126	5.0	mg/l	10	06/03/11 15:49	RL	EPA 300/SW846 9056A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	C16327-2	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22608.D	1	06/07/11	TF	n/a	n/a	VN755
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	54.1	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	0.96	5.0	0.50	ug/l	J
135-98-8	sec-Butylbenzene	0.91	5.0	0.50	ug/l	J
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	C16327-2	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	4.8	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	6.1	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	14.0	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	10.0	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	31.9	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1.1	5.0	0.50	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	0.58	5.0	0.50	ug/l	J
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	2.9	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	11.1	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	443	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	C16327-2	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	105%		60-130%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	C16327-2	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	RSK-175	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	II51759.D	1	06/10/11	ANJ	n/a	n/a	N:GII2532
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	204	0.10	0.022	ug/l	

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	C16327-2	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
		Percent Solids:	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	< 0.10	0.10	mg/l	1	06/02/11 23:01	RL	EPA 300/SW846 9056A
Sulfate	229	10	mg/l	20	06/03/11 16:07	RL	EPA 300/SW846 9056A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	C16327-3	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L8289.D	4	06/09/11	TF	n/a	n/a	VL262
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	80	40	ug/l	
71-43-2	Benzene	ND	4.0	1.2	ug/l	
108-86-1	Bromobenzene	ND	4.0	1.2	ug/l	
74-97-5	Bromochloromethane	ND	4.0	2.0	ug/l	
75-27-4	Bromodichloromethane	ND	4.0	1.2	ug/l	
75-25-2	Bromoform	ND	4.0	2.0	ug/l	
104-51-8	n-Butylbenzene	ND	20	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	20	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	20	2.0	ug/l	
108-90-7	Chlorobenzene	ND	4.0	1.2	ug/l	
75-00-3	Chloroethane	ND	4.0	1.2	ug/l	
67-66-3	Chloroform	ND	4.0	1.2	ug/l	
95-49-8	o-Chlorotoluene	ND	20	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	20	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	4.0	0.80	ug/l	
75-34-3	1,1-Dichloroethane	ND	4.0	1.2	ug/l	
75-35-4	1,1-Dichloroethylene	ND	4.0	0.80	ug/l	
563-58-6	1,1-Dichloropropene	ND	4.0	1.2	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	40	20	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	0.80	ug/l	
107-06-2	1,2-Dichloroethane	ND	4.0	1.2	ug/l	
78-87-5	1,2-Dichloropropane	ND	4.0	1.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	4.0	1.2	ug/l	
108-20-3	Di-Isopropyl ether	ND	20	2.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	4.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	4.0	0.80	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	4.0	1.2	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	4.0	1.2	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	2.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	4.0	1.2	ug/l	
95-50-1	o-Dichlorobenzene	ND	4.0	1.2	ug/l	
106-46-7	p-Dichlorobenzene	ND	4.0	1.2	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	C16327-3	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	4.0	1.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	0.80	ug/l	
100-41-4	Ethylbenzene	ND	4.0	1.2	ug/l	
64-17-5	Ethyl Alcohol	ND	400	160	ug/l	
637-92-3	Ethyl Tert Butyl Ether	2.8	20	2.0	ug/l	J
591-78-6	2-Hexanone	ND	80	40	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	4.0	0.80	ug/l	
99-87-6	p-Isopropyltoluene	ND	20	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	80	20	ug/l	
74-83-9	Methyl bromide	ND	20	6.0	ug/l	
74-87-3	Methyl chloride	ND	4.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	4.0	0.80	ug/l	
75-09-2	Methylene chloride	ND	80	20	ug/l	
78-93-3	Methyl ethyl ketone	ND	80	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.8	4.0	2.0	ug/l	J
91-20-3	Naphthalene	ND	20	2.0	ug/l	
103-65-1	n-Propylbenzene	ND	20	2.0	ug/l	
100-42-5	Styrene	ND	4.0	0.80	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	20	2.0	ug/l	
75-65-0	Tert-Butyl Alcohol	1300	40	20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.0	0.80	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	4.0	0.80	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	0.80	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	4.0	0.80	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	20	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	20	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	20	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	20	2.0	ug/l	
127-18-4	Tetrachloroethylene	ND	4.0	0.80	ug/l	
108-88-3	Toluene	ND	4.0	2.0	ug/l	
79-01-6	Trichloroethylene	ND	4.0	1.2	ug/l	
75-69-4	Trichlorofluoromethane	ND	4.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	4.0	1.2	ug/l	
1330-20-7	Xylene (total)	ND	8.0	2.8	ug/l	
	TPH-GRO (C6-C10)	ND	200	100	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	C16327-3	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) Sample was not preserved to a pH < 2.
(b) CCV outside of control limits (biased high); not detected in sample.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	C16327-3	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	RSK-175	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	II51760.D	1	06/10/11	ANJ	n/a	n/a	N:GII2532
Run #2							

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	0.17	0.10	0.022	ug/l	

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	C16327-3	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
		Percent Solids:	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Nitrogen, Nitrate	< 0.10	0.10	mg/l	1	06/02/11 23:18	RL	EPA 300/SW846 9056A
Sulfate	343	15	mg/l	30	06/03/11 16:24	RL	EPA 300/SW846 9056A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	C16327-4	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22610.D	1	06/07/11	TF	n/a	n/a	VN755
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	C16327-4	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	C16327-4	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	C16327-5	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22611.D	1	06/07/11	TF	n/a	n/a	VN755
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	C16327-5	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	C16327-5	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	C16327-6	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22647.D	1	06/08/11	TF	n/a	n/a	VN756
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	C16327-6	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-10		
Lab Sample ID:	C16327-6	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	C16327-7	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22648.D	1	06/08/11	TF	n/a	n/a	VN756
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	C16327-7	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	C16327-7	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	C16327-8	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N22612.D	1	06/07/11	TF	n/a	n/a	VN755
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	C16327-8	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	C16327-8	**Date Sampled:**	06/01/11
Matrix:	AQ - Ground Water	**Date Received:**	06/02/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

LAB (LOCATION)

- ☐ CALSCIENCE ( )
- ☐ SPL ( )
- ☑ ACCUTEST ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Shell Oil Products Chain Of Custody Record

SHELLWIC3249 **URS**

Please Check Appropriate Box: ☐ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CM ☑ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER ____

Print Bill To Contact Name: Jeffrey Pyska - 29500369

INCIDENT # (ENV SERVICES): 9 7 6 6 2 3 1 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #: SAP #:

DATE: 6/1/11 PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTST
ADDRESS: 20735 Belshaw Ave, Carson, CA 90745	
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King	
TELEPHONE: 310-885-4455	FAX: 310-637-5802
E-MAIL: lking@blainetech.com	
SITE ADDRESS: Street and City: 3645 S. Crenshaw, Los Angeles	State: CA
GLOBAL ID NO.: T0603764817	
EDF DELIVERABLE TO (Name, Company, Office Location): Jeffrey Pyska, URS, Los Angeles Office	PHONE NO.: 213-996-2200
E-MAIL: jeffrey_pyska@urscorp.com	CONSULTANT PROJECT NO.: 10601-071
SAMPLER NAME(S) (Print): Emmanuel Vai	LAB USE ONLY: C16327

TURNAROUND TIME (CALENDAR DAYS): ☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☑ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

Additionally send results to Steve Cole (steve_cole@urscorp.com)

Ethanol must be reported in micrograms per liter (ug/L)

☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°: 3.4-0.5=2.9°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-G - Purgeable (8260B)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Full Scan VOCs (8260)	TPH-D - Extractable (8015M)	Sulfate (EPA 300.0)	Nitrate (EPA 300.0)	Methane (RSK-175)	Container PID Readings or Laboratory Notes
-1	MW-2	6/1/11	1337	W	X			X		7	X	X	X			X	X		X	X	X	6-vials(w/HCL) 1-250ml poly NP
-2	MW-4	↓	1508	↓	X			X		7	X	X	X			X	X		X	X	X	↓
-3	MW-5	↓	1357	↓	X			X		7	X	X	X			X	X		X	X	X	↓
-4	MW-8	↓	1115	↓	X					3	X	X	X			X	X					3-vials(w/HCL)
-5	MW-9	↓	1015	↓	X					↓	X	X	X			X	X					↓
-6	MW-10	↓	0945	↓	X					↓	X	X	X			X	X					↓
-7	MW-11	↓	1245	↓	X					↓	X	X	X			X	X					↓
-8	MW-12	↓	1300	↓	X					↓	X	X	X			X	X					↓

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature] (SWA)	6/1/11	1555
[signature] 6-1-11 6:50p	[signature]	6-1-11	2145
FedEx	[signature]	6-3-11	7:55

Cooler (#1) @ 2.6°C (SWA)

Recv'd -> 06/01/11

05/2/06 Revision

C16327: Chain of Custody

Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List

Job#: C16327 Initial: JM | SH

Review Chain of Custody — Chain of Custody is to be complete and legible.

- Are these regulatory ~~(NPDES)~~ samples? ~~CWA~~ — Yes / (No)
- Is pH requested? — Yes / (No)
  - ▫ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ▫ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- Existing Client? (Yes) / No — Existing Project? (Yes) / No
  - If No: Is Report to info complete and legible, including;
    - ▫ deliverable ▫ Name ▫ Address ▫ phone ▫ e-mail
    - Is Bill to info complete and legible, including;
    - ▫ PO# ▫ Credit card ▫ Contact address ▫ phone ▫ e-mail
    - Is Contact and/or Project Manager identified, including;
    - ▫ phone ▫ e-mail
    - ▫ Project name / number
- Special requirements? — Yes / (No)
- Sample IDs / date & time of collection provided? — (Yes) / No
- Is Matrix listed and correct? — (Yes) / No
- Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- Chain is signed and dated by both client and sample custodian? — (Yes) / No
- TAT requested available? (Yes) / No — Approved by PM

Review Coolers:

- Were all Coolers temperatures measured at ≤6°C? — (Yes) / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- Are samples on ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- Shipment Received Method FedEx
- Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- Chain matches bottle labels? (Yes) / No — Sample bottle intact? (Yes) / No
- Is there enough sample volume in proper bottle for requested analyses? (Yes) / No
- Proper Preservatives? (Yes) / No

Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.

- Headspace-VOAs? Greater than 6mm in diameter — Yes / (No)
  List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues
		FedEx Shipment missed on 6/01/11 by Irvine-SC.
		* Samples recv'd 6/02/11
		-1, -2, 3 (NO2)
		- 2 recv'd via SWA (FK)

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C16327: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-MB	N22595.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-MB	N22595.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	Result	RL	MDL	Units	Q
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide [a]	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-MB	N22595.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

(a) MS/MSD RPD exceeded the laboratory control acceptance limit. Recovery met acceptance criteria. AZ:R5

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-MB	N22636.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-MB	N22636.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	Result	RL	MDL	Units	Q
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-MB	N22636.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-MB	L8285.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-MB	L8285.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	Result	RL	MDL	Units	Q
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-MB	L8285.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Blank Spike Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-BS1	N22598.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	119	95	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-BS1	N22639.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	127	102	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-BS1	L8288.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	116	93	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	98%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-BS	N22596.D	1	06/07/11	TF	n/a	n/a	VN755
VN755-BSD	N22597.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	71.0	89	80.0	100	12	60-130/30
71-43-2	Benzene	20	19.4	97	20.3	102	5	60-130/30
108-86-1	Bromobenzene	20	19.4	97	20.7	104	6	60-130/30
74-97-5	Bromochloromethane	20	19.8	99	20.7	104	4	60-130/30
75-27-4	Bromodichloromethane	20	21.7	109	22.8	114	5	60-130/30
75-25-2	Bromoform	20	21.8	109	23.6	118	8	60-130/30
104-51-8	n-Butylbenzene	20	18.3	92	19.3	97	5	60-130/30
135-98-8	sec-Butylbenzene	20	19.1	96	20.1	101	5	60-130/30
98-06-6	tert-Butylbenzene	20	19.1	96	20.0	100	5	60-130/30
108-90-7	Chlorobenzene	20	19.8	99	21.1	106	6	60-130/30
75-00-3	Chloroethane	20	18.4	92	21.2	106	14	60-130/30
67-66-3	Chloroform	20	20.0	100	20.8	104	4	60-130/30
95-49-8	o-Chlorotoluene	20	19.0	95	19.8	99	4	60-130/30
106-43-4	p-Chlorotoluene	20	18.6	93	20.0	100	7	60-130/30
56-23-5	Carbon tetrachloride	20	20.8	104	21.2	106	2	60-130/30
75-34-3	1,1-Dichloroethane	20	19.4	97	20.1	101	4	60-130/30
75-35-4	1,1-Dichloroethylene	20	17.9	90	18.8	94	5	60-130/30
563-58-6	1,1-Dichloropropene	20	19.2	96	19.9	100	4	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	18.5	93	20.0	100	8	60-130/30
106-93-4	1,2-Dibromoethane	20	19.5	98	21.4	107	9	60-130/30
107-06-2	1,2-Dichloroethane	20	20.3	102	21.3	107	5	60-130/30
78-87-5	1,2-Dichloropropane	20	19.9	100	20.6	103	3	60-130/30
142-28-9	1,3-Dichloropropane	20	20.1	101	21.7	109	8	60-130/30
108-20-3	Di-Isopropyl ether	20	19.2	96	20.3	102	6	60-130/30
594-20-7	2,2-Dichloropropane	20	20.4	102	20.7	104	1	60-130/30
124-48-1	Dibromochloromethane	20	21.1	106	22.9	115	8	60-130/30
75-71-8	Dichlorodifluoromethane	20	17.4	87	19.3	97	10	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	19.0	95	20.1	101	6	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	21.4	107	22.6	113	5	60-130/30
541-73-1	m-Dichlorobenzene	20	19.4	97	20.7	104	6	60-130/30
95-50-1	o-Dichlorobenzene	20	19.5	98	20.8	104	6	60-130/30
106-46-7	p-Dichlorobenzene	20	19.3	97	20.5	103	6	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	18.2	91	19.2	96	5	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	19.9	100	21.2	106	6	60-130/30
100-41-4	Ethylbenzene	20	19.4	97	20.6	103	6	60-130/30
64-17-5	Ethyl Alcohol	400	349	87	390	98	11	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-BS	N22596.D	1	06/07/11	TF	n/a	n/a	VN755
VN755-BSD	N22597.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	20	19.1	96	20.4	102	7	60-130/30
591-78-6	2-Hexanone	80	75.1	94	84.5	106	12	60-130/30
87-68-3	Hexachlorobutadiene	20	20.5	103	21.6	108	5	60-130/30
98-82-8	Isopropylbenzene	20	19.7	99	20.7	104	5	60-130/30
99-87-6	p-Isopropyltoluene	20	18.8	94	19.7	99	5	60-130/30
108-10-1	4-Methyl-2-pentanone	80	78.3	98	89.8	112	14	60-130/30
74-83-9	Methyl bromide	20	19.2	96	21.8	109	13	60-130/30
74-87-3	Methyl chloride	20	17.5	88	19.5	98	11	60-130/30
74-95-3	Methylene bromide	20	20.4	102	21.9	110	7	60-130/30
75-09-2	Methylene chloride	20	17.4	87	18.5	93	6	60-130/30
78-93-3	Methyl ethyl ketone	80	74.4	93	80.8	101	8	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	19.6	98	21.2	106	8	60-130/30
91-20-3	Naphthalene	20	18.9	95	21.0	105	11	60-130/30
103-65-1	n-Propylbenzene	20	18.8	94	19.7	99	5	60-130/30
100-42-5	Styrene	20	20.3	102	21.6	108	6	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	20.0	100	21.5	108	7	60-130/30
75-65-0	Tert-Butyl Alcohol	100	89.7	90	101	101	12	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	20.5	103	21.8	109	6	60-130/30
71-55-6	1,1,1-Trichloroethane	20	20.2	101	20.5	103	1	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	18.8	94	20.3	102	8	60-130/30
79-00-5	1,1,2-Trichloroethane	20	19.8	99	21.6	108	9	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	19.3	97	21.2	106	9	60-130/30
96-18-4	1,2,3-Trichloropropane	20	17.6	88	19.6	98	11	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	18.9	95	20.5	103	8	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	18.8	94	19.7	99	5	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	18.9	95	19.9	100	5	60-130/30
127-18-4	Tetrachloroethylene	20	19.8	99	23.3	117	16	60-130/30
108-88-3	Toluene	20	19.1	96	20.2	101	6	60-130/30
79-01-6	Trichloroethylene	20	20.7	104	21.4	107	3	60-130/30
75-69-4	Trichlorofluoromethane	20	19.0	95	21.5	108	12	60-130/30
75-01-4	Vinyl chloride	20	21.7	109	23.9	120	10	60-130/30
1330-20-7	Xylene (total)	60	59.7	100	63.3	106	6	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN755-BS	N22596.D	1	06/07/11	TF	n/a	n/a	VN755
VN755-BSD	N22597.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	98%	96%	60-130%
2037-26-5	Toluene-D8	95%	95%	60-130%
460-00-4	4-Bromofluorobenzene	102%	101%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-BS	N22637.D	1	06/08/11	TF	n/a	n/a	VN756
VN756-BSD	N22638.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	84.0	105	77.6	97	8	60-130/30
71-43-2	Benzene	20	18.8	94	19.0	95	1	60-130/30
108-86-1	Bromobenzene	20	18.9	95	19.3	97	2	60-130/30
74-97-5	Bromochloromethane	20	19.5	98	19.5	98	0	60-130/30
75-27-4	Bromodichloromethane	20	21.3	107	21.1	106	1	60-130/30
75-25-2	Bromoform	20	21.9	110	21.4	107	2	60-130/30
104-51-8	n-Butylbenzene	20	17.6	88	18.2	91	3	60-130/30
135-98-8	sec-Butylbenzene	20	18.3	92	18.8	94	3	60-130/30
98-06-6	tert-Butylbenzene	20	18.2	91	18.8	94	3	60-130/30
108-90-7	Chlorobenzene	20	19.1	96	19.5	98	2	60-130/30
75-00-3	Chloroethane	20	20.6	103	19.4	97	6	60-130/30
67-66-3	Chloroform	20	19.6	98	19.4	97	1	60-130/30
95-49-8	o-Chlorotoluene	20	17.5	88	18.1	91	3	60-130/30
106-43-4	p-Chlorotoluene	20	18.8	94	19.0	95	1	60-130/30
56-23-5	Carbon tetrachloride	20	19.8	99	19.9	100	1	60-130/30
75-34-3	1,1-Dichloroethane	20	18.7	94	19.0	95	2	60-130/30
75-35-4	1,1-Dichloroethylene	20	17.1	86	17.2	86	1	60-130/30
563-58-6	1,1-Dichloropropene	20	18.6	93	18.6	93	0	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	19.3	97	17.9	90	8	60-130/30
106-93-4	1,2-Dibromoethane	20	19.8	99	19.4	97	2	60-130/30
107-06-2	1,2-Dichloroethane	20	20.1	101	19.5	98	3	60-130/30
78-87-5	1,2-Dichloropropane	20	19.1	96	19.3	97	1	60-130/30
142-28-9	1,3-Dichloropropane	20	19.9	100	19.7	99	1	60-130/30
108-20-3	Di-Isopropyl ether	20	18.9	95	19.0	95	1	60-130/30
594-20-7	2,2-Dichloropropane	20	19.8	99	19.8	99	0	60-130/30
124-48-1	Dibromochloromethane	20	20.9	105	20.8	104	0	60-130/30
75-71-8	Dichlorodifluoromethane	20	18.6	93	16.4	82	13	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	18.6	93	19.1	96	3	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	21.1	106	21.0	105	0	60-130/30
541-73-1	m-Dichlorobenzene	20	18.9	95	19.4	97	3	60-130/30
95-50-1	o-Dichlorobenzene	20	19.0	95	19.4	97	2	60-130/30
106-46-7	p-Dichlorobenzene	20	18.9	95	19.2	96	2	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	17.6	88	18.1	91	3	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	19.5	98	19.4	97	1	60-130/30
100-41-4	Ethylbenzene	20	18.7	94	19.0	95	2	60-130/30
64-17-5	Ethyl Alcohol	400	388	97	365	91	6	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-BS	N22637.D	1	06/08/11	TF	n/a	n/a	VN756
VN756-BSD	N22638.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	20	19.1	96	18.9	95	1	60-130/30
591-78-6	2-Hexanone	80	85.1	106	78.6	98	8	60-130/30
87-68-3	Hexachlorobutadiene	20	19.6	98	20.5	103	4	60-130/30
98-82-8	Isopropylbenzene	20	18.7	94	19.2	96	3	60-130/30
99-87-6	p-Isopropyltoluene	20	17.9	90	18.5	93	3	60-130/30
108-10-1	4-Methyl-2-pentanone	80	90.0	113	84.7	106	6	60-130/30
74-83-9	Methyl bromide	20	18.5	93	17.5	88	6	60-130/30
74-87-3	Methyl chloride	20	18.6	93	17.3	87	7	60-130/30
74-95-3	Methylene bromide	20	20.5	103	19.9	100	3	60-130/30
75-09-2	Methylene chloride	20	17.4	87	17.6	88	1	60-130/30
78-93-3	Methyl ethyl ketone	80	82.8	104	78.7	98	5	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	20.0	100	19.5	98	3	60-130/30
91-20-3	Naphthalene	20	19.4	97	19.6	98	1	60-130/30
103-65-1	n-Propylbenzene	20	18.1	91	18.5	93	2	60-130/30
100-42-5	Styrene	20	19.5	98	20.0	100	3	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	20.3	102	19.9	100	2	60-130/30
75-65-0	Tert-Butyl Alcohol	100	101	101	90.6	91	11	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	19.9	100	20.1	101	1	60-130/30
71-55-6	1,1,1-Trichloroethane	20	19.3	97	19.3	97	0	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	19.3	97	18.8	94	3	60-130/30
79-00-5	1,1,2-Trichloroethane	20	20.0	100	19.6	98	2	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	19.2	96	19.7	99	3	60-130/30
96-18-4	1,2,3-Trichloropropane	20	18.4	92	17.7	89	4	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	18.9	95	19.3	97	2	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	18.1	91	18.6	93	3	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	18.2	91	18.6	93	2	60-130/30
127-18-4	Tetrachloroethylene	20	18.1	91	19.9	100	9	60-130/30
108-88-3	Toluene	20	18.3	92	18.7	94	2	60-130/30
79-01-6	Trichloroethylene	20	19.7	99	20.0	100	2	60-130/30
75-69-4	Trichlorofluoromethane	20	21.1	106	19.4	97	8	60-130/30
75-01-4	Vinyl chloride	20	22.8	114	21.3	107	7	60-130/30
1330-20-7	Xylene (total)	60	57.2	95	58.6	98	2	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN756-BS	N22637.D	1	06/08/11	TF	n/a	n/a	VN756
VN756-BSD	N22638.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	100%	97%	60-130%
2037-26-5	Toluene-D8	95%	96%	60-130%
460-00-4	4-Bromofluorobenzene	102%	101%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-BS	L8286.D	1	06/09/11	TF	n/a	n/a	VL262
VL262-BSD	L8287.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	80	74.4	93	77.7	97	4	60-130/30
71-43-2	Benzene	20	18.9	95	18.5	93	2	60-130/30
108-86-1	Bromobenzene	20	19.9	100	19.0	95	5	60-130/30
74-97-5	Bromochloromethane	20	21.4	107	20.9	105	2	60-130/30
75-27-4	Bromodichloromethane	20	19.7	99	19.0	95	4	60-130/30
75-25-2	Bromoform	20	22.5	113	22.1	111	2	60-130/30
104-51-8	n-Butylbenzene	20	18.0	90	17.7	89	2	60-130/30
135-98-8	sec-Butylbenzene	20	18.6	93	18.2	91	2	60-130/30
98-06-6	tert-Butylbenzene	20	18.7	94	18.5	93	1	60-130/30
108-90-7	Chlorobenzene	20	19.7	99	19.3	97	2	60-130/30
75-00-3	Chloroethane	20	19.6	98	19.6	98	0	60-130/30
67-66-3	Chloroform	20	19.1	96	18.5	93	3	60-130/30
95-49-8	o-Chlorotoluene	20	18.3	92	18.0	90	2	60-130/30
106-43-4	p-Chlorotoluene	20	17.9	90	17.4	87	3	60-130/30
56-23-5	Carbon tetrachloride	20	19.2	96	18.9	95	2	60-130/30
75-34-3	1,1-Dichloroethane	20	17.8	89	17.2	86	3	60-130/30
75-35-4	1,1-Dichloroethylene	20	16.9	85	17.0	85	1	60-130/30
563-58-6	1,1-Dichloropropene	20	18.4	92	18.0	90	2	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	20	17.2	86	16.9	85	2	60-130/30
106-93-4	1,2-Dibromoethane	20	19.8	99	19.5	98	2	60-130/30
107-06-2	1,2-Dichloroethane	20	19.0	95	18.5	93	3	60-130/30
78-87-5	1,2-Dichloropropane	20	19.2	96	18.7	94	3	60-130/30
142-28-9	1,3-Dichloropropane	20	19.3	97	18.9	95	2	60-130/30
108-20-3	Di-Isopropyl ether	20	17.6	88	17.0	85	3	60-130/30
594-20-7	2,2-Dichloropropane	20	17.6	88	17.2	86	2	60-130/30
124-48-1	Dibromochloromethane	20	20.5	103	20.0	100	2	60-130/30
75-71-8	Dichlorodifluoromethane	20	17.4	87	16.6	83	5	60-130/30
156-59-2	cis-1,2-Dichloroethylene	20	19.3	97	18.8	94	3	60-130/30
10061-01-5	cis-1,3-Dichloropropene	20	20.1	101	19.5	98	3	60-130/30
541-73-1	m-Dichlorobenzene	20	19.5	98	18.7	94	4	60-130/30
95-50-1	o-Dichlorobenzene	20	19.6	98	18.9	95	4	60-130/30
106-46-7	p-Dichlorobenzene	20	19.5	98	18.9	95	3	60-130/30
156-60-5	trans-1,2-Dichloroethylene	20	18.4	92	17.8	89	3	60-130/30
10061-02-6	trans-1,3-Dichloropropene	20	18.1	91	17.4	87	4	60-130/30
100-41-4	Ethylbenzene	20	18.5	93	18.3	92	1	60-130/30
64-17-5	Ethyl Alcohol	400	385	96	371	93	4	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-BS	L8286.D	1	06/09/11	TF	n/a	n/a	VL262
VL262-BSD	L8287.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	20	20.1	101	19.5	98	3	60-130/30
591-78-6	2-Hexanone	80	66.7	83	71.3	89	7	60-130/30
87-68-3	Hexachlorobutadiene	20	19.0	95	18.4	92	3	60-130/30
98-82-8	Isopropylbenzene	20	16.6	83	16.5	83	1	60-130/30
99-87-6	p-Isopropyltoluene	20	17.5	88	17.2	86	2	60-130/30
108-10-1	4-Methyl-2-pentanone	80	76.4	96	81.1	101	6	60-130/30
74-83-9	Methyl bromide	20	20.6	103	20.4	102	1	60-130/30
74-87-3	Methyl chloride	20	18.8	94	19.4	97	3	60-130/30
74-95-3	Methylene bromide	20	20.0	100	19.3	97	4	60-130/30
75-09-2	Methylene chloride	20	19.3	97	18.7	94	3	60-130/30
78-93-3	Methyl ethyl ketone	80	72.1	90	76.3	95	6	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	19.1	96	18.9	95	1	60-130/30
91-20-3	Naphthalene	20	18.3	92	18.0	90	2	60-130/30
103-65-1	n-Propylbenzene	20	18.0	90	17.5	88	3	60-130/30
100-42-5	Styrene	20	19.8	99	19.5	98	2	60-130/30
994-05-8	Tert-Amyl Methyl Ether	20	19.6	98	19.0	95	3	60-130/30
75-65-0	Tert-Butyl Alcohol	100	94.4	94	89.2	89	6	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	20	20.8	104	20.5	103	1	60-130/30
71-55-6	1,1,1-Trichloroethane	20	18.5	93	18.3	92	1	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	20	18.9	95	18.3	92	3	60-130/30
79-00-5	1,1,2-Trichloroethane	20	19.5	98	19.2	96	2	60-130/30
87-61-6	1,2,3-Trichlorobenzene	20	19.2	96	18.7	94	3	60-130/30
96-18-4	1,2,3-Trichloropropane	20	18.8	94	18.5	93	2	60-130/30
120-82-1	1,2,4-Trichlorobenzene	20	18.7	94	18.2	91	3	60-130/30
95-63-6	1,2,4-Trimethylbenzene	20	18.6	93	18.2	91	2	60-130/30
108-67-8	1,3,5-Trimethylbenzene	20	19.1	96	18.7	94	2	60-130/30
127-18-4	Tetrachloroethylene	20	20.3	102	21.3	107	5	60-130/30
108-88-3	Toluene	20	18.8	94	18.5	93	2	60-130/30
79-01-6	Trichloroethylene	20	19.3	97	18.9	95	2	60-130/30
75-69-4	Trichlorofluoromethane	20	19.6	98	19.6	98	0	60-130/30
75-01-4	Vinyl chloride	20	20.4	102	19.7	99	3	60-130/30
1330-20-7	Xylene (total)	60	58.0	97	57.2	95	1	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL262-BS	L8286.D	1	06/09/11	TF	n/a	n/a	VL262
VL262-BSD	L8287.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	98%	99%	60-130%
2037-26-5	Toluene-D8	95%	96%	60-130%
460-00-4	4-Bromofluorobenzene	96%	97%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16327-8MS	N22613.D	1	06/07/11	TF	n/a	n/a	VN755
C16327-8MSD	N22614.D	1	06/07/11	TF	n/a	n/a	VN755
C16327-8	N22612.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	C16327-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80	66.2	83	75.9	95	14	60-130/25
71-43-2	Benzene	ND		20	18.6	93	20.6	103	10	60-130/25
108-86-1	Bromobenzene	ND		20	18.6	93	20.5	103	10	60-130/25
74-97-5	Bromochloromethane	ND		20	19.1	96	21.4	107	11	60-130/25
75-27-4	Bromodichloromethane	ND		20	21.2	106	23.3	117	9	60-130/25
75-25-2	Bromoform	ND		20	21.1	106	22.9	115	8	60-130/25
104-51-8	n-Butylbenzene	ND		20	17.4	87	19.1	96	9	60-130/25
135-98-8	sec-Butylbenzene	ND		20	18.3	92	19.9	100	8	60-130/25
98-06-6	tert-Butylbenzene	ND		20	18.2	91	19.8	99	8	60-130/25
108-90-7	Chlorobenzene	ND		20	19.2	96	20.7	104	8	60-130/25
75-00-3	Chloroethane	ND		20	19.8	99	20.8	104	5	60-130/25
67-66-3	Chloroform	ND		20	19.7	99	21.4	107	8	60-130/25
95-49-8	o-Chlorotoluene	ND		20	18.0	90	19.8	99	10	60-130/25
106-43-4	p-Chlorotoluene	ND		20	18.6	93	19.6	98	5	60-130/25
56-23-5	Carbon tetrachloride	ND		20	20.2	101	21.9	110	8	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	18.9	95	20.7	104	9	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	17.2	86	18.7	94	8	60-130/25
563-58-6	1,1-Dichloropropene	ND		20	18.6	93	20.2	101	8	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND		20	17.5	88	19.1	96	9	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	19.1	96	20.8	104	9	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	20.1	101	21.8	109	8	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	18.9	95	20.9	105	10	60-130/25
142-28-9	1,3-Dichloropropane	ND		20	19.5	98	21.2	106	8	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	18.8	94	20.9	105	11	60-130/25
594-20-7	2,2-Dichloropropane	ND		20	18.6	93	19.8	99	6	60-130/25
124-48-1	Dibromochloromethane	ND		20	20.5	103	22.5	113	9	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	18.4	92	18.7	94	2	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	18.6	93	20.3	102	9	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	20.4	102	22.7	114	11	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	18.8	94	20.5	103	9	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	18.8	94	20.6	103	9	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	18.7	94	20.4	102	9	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	17.6	88	19.4	97	10	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	19.1	96	20.5	103	7	60-130/25
100-41-4	Ethylbenzene	ND		20	18.9	95	20.2	101	7	60-130/25
64-17-5	Ethyl Alcohol	ND		400	345	86	387	97	11	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16327-8MS	N22613.D	1	06/07/11	TF	n/a	n/a	VN755
C16327-8MSD	N22614.D	1	06/07/11	TF	n/a	n/a	VN755
C16327-8	N22612.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Compound	C16327-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	ND		20	18.9	95	21.0	105	11	60-130/25
591-78-6	2-Hexanone	ND		80	71.6	90	80.5	101	12	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	19.9	100	21.7	109	9	60-130/25
98-82-8	Isopropylbenzene	ND		20	19.1	96	20.4	102	7	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	17.9	90	19.6	98	9	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	75.8	95	87.7	110	15	60-130/25
74-83-9	Methyl bromide	ND		20	12.6	63	17.1	86	30*	60-130/25
74-87-3	Methyl chloride	ND		20	18.0	90	18.6	93	3	60-130/25
74-95-3	Methylene bromide	ND		20	19.8	99	22.4	112	12	60-130/25
75-09-2	Methylene chloride	ND		20	17.0	85	18.6	93	9	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	74.1	93	80.9	101	9	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.4	97	21.6	108	11	60-130/25
91-20-3	Naphthalene	ND		20	17.7	89	20.6	103	15	60-130/25
103-65-1	n-Propylbenzene	ND		20	18.0	90	19.6	98	9	60-130/25
100-42-5	Styrene	ND		20	19.5	98	21.1	106	8	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	19.6	98	21.9	110	11	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	85.3	85	99.4	99	15	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	20.0	100	21.7	109	8	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	19.6	98	21.3	107	8	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	18.5	93	20.5	103	10	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	19.3	97	20.9	105	8	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	18.4	92	20.9	105	13	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	17.1	86	18.6	93	8	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	18.0	90	20.2	101	12	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	17.9	90	19.6	98	9	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	18.3	92	19.7	99	7	60-130/25
127-18-4	Tetrachloroethylene	ND		20	15.3	77	16.4	82	7	60-130/25
108-88-3	Toluene	ND		20	18.5	93	19.9	100	7	60-130/25
79-01-6	Trichloroethylene	ND		20	19.5	98	21.3	107	9	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	20.8	104	21.7	109	4	60-130/25
75-01-4	Vinyl chloride	ND		20	23.0	115	23.6	118	3	60-130/25
1330-20-7	Xylene (total)	ND		60	57.7	96	62.0	103	7	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16327-8MS	N22613.D	1	06/07/11	TF	n/a	n/a	VN755
C16327-8MSD	N22614.D	1	06/07/11	TF	n/a	n/a	VN755
C16327-8	N22612.D	1	06/07/11	TF	n/a	n/a	VN755

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-1, C16327-2, C16327-4, C16327-5, C16327-8

CAS No.	Surrogate Recoveries	MS	MSD	C16327-8	Limits
1868-53-7	Dibromofluoromethane	100%	100%	98%	60-130%
2037-26-5	Toluene-D8	97%	95%	97%	60-130%
460-00-4	4-Bromofluorobenzene	105%	101%	101%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16350-6MS	N22656.D	1	06/08/11	TF	n/a	n/a	VN756
C16350-6MSD	N22657.D	1	06/08/11	TF	n/a	n/a	VN756
C16350-6	N22655.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	C16350-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80	72.0	90	65.4	82	10	60-130/25
71-43-2	Benzene	ND		20	18.9	95	20.3	102	7	60-130/25
108-86-1	Bromobenzene	ND		20	19.0	95	20.5	103	8	60-130/25
74-97-5	Bromochloromethane	ND		20	19.6	98	20.6	103	5	60-130/25
75-27-4	Bromodichloromethane	ND		20	21.6	108	22.5	113	4	60-130/25
75-25-2	Bromoform	ND		20	21.7	109	22.3	112	3	60-130/25
104-51-8	n-Butylbenzene	ND		20	17.7	89	19.3	97	9	60-130/25
135-98-8	sec-Butylbenzene	ND		20	18.7	94	20.2	101	8	60-130/25
98-06-6	tert-Butylbenzene	ND		20	18.5	93	20.1	101	8	60-130/25
108-90-7	Chlorobenzene	ND		20	19.1	96	20.7	104	8	60-130/25
75-00-3	Chloroethane	ND		20	18.9	95	21.5	108	13	60-130/25
67-66-3	Chloroform	ND		20	19.9	100	21.0	105	5	60-130/25
95-49-8	o-Chlorotoluene	ND		20	18.1	91	20.3	102	11	60-130/25
106-43-4	p-Chlorotoluene	ND		20	19.0	95	19.6	98	3	60-130/25
56-23-5	Carbon tetrachloride	ND		20	20.3	102	21.7	109	7	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	19.1	96	20.4	102	7	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	17.1	86	18.4	92	7	60-130/25
563-58-6	1,1-Dichloropropene	ND		20	18.7	94	20.0	100	7	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND		20	18.5	93	17.8	89	4	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	19.1	96	19.8	99	4	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	20.5	103	21.0	105	2	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	19.3	97	20.5	103	6	60-130/25
142-28-9	1,3-Dichloropropane	ND		20	19.6	98	20.6	103	5	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	19.1	96	20.1	101	5	60-130/25
594-20-7	2,2-Dichloropropane	ND		20	18.7	94	19.4	97	4	60-130/25
124-48-1	Dibromochloromethane	ND		20	20.8	104	21.9	110	5	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	16.1	81	17.9	90	11	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	18.7	94	19.9	100	6	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	20.9	105	22.0	110	5	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	19.0	95	20.6	103	8	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	19.2	96	20.5	103	7	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	19.1	96	20.3	102	6	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	17.8	89	19.0	95	7	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	19.1	96	19.9	100	4	60-130/25
100-41-4	Ethylbenzene	ND		20	18.7	94	20.4	102	9	60-130/25
64-17-5	Ethyl Alcohol	ND		400	355	89	346	87	3	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16350-6MS	N22656.D	1	06/08/11	TF	n/a	n/a	VN756
C16350-6MSD	N22657.D	1	06/08/11	TF	n/a	n/a	VN756
C16350-6	N22655.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Compound	C16350-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	ND		20	19.3	97	19.9	100	3	60-130/25
591-78-6	2-Hexanone	ND		80	76.9	96	68.8	86	11	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	20.0	100	21.6	108	8	60-130/25
98-82-8	Isopropylbenzene	ND		20	19.0	95	20.4	102	7	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	18.2	91	19.8	99	8	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	83.2	104	75.0	94	10	60-130/25
74-83-9	Methyl bromide	ND		20	16.8	84	19.6	98	15	60-130/25
74-87-3	Methyl chloride	ND		20	17.0	85	19.2	96	12	60-130/25
74-95-3	Methylene bromide	ND		20	20.5	103	21.1	106	3	60-130/25
75-09-2	Methylene chloride	ND		20	16.9	85	18.1	91	7	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	79.3	99	69.0	86	14	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	20.0	100	20.3	102	1	60-130/25
91-20-3	Naphthalene	ND		20	18.3	92	19.2	96	5	60-130/25
103-65-1	n-Propylbenzene	ND		20	18.3	92	19.8	99	8	60-130/25
100-42-5	Styrene	ND		20	16.7	84	17.5	88	5	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	20.1	101	20.7	104	3	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	92.8	93	86.4	86	7	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	20.0	100	21.3	107	6	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	19.9	100	21.0	105	5	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	19.1	96	19.5	98	2	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	19.4	97	20.2	101	4	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	18.8	94	20.0	100	6	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	17.2	86	17.2	86	0	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	18.5	93	19.7	99	6	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	18.1	91	19.6	98	8	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	18.4	92	20.0	100	8	60-130/25
127-18-4	Tetrachloroethylene	ND		20	15.3	77	16.8	84	9	60-130/25
108-88-3	Toluene	ND		20	18.3	92	20.0	100	9	60-130/25
79-01-6	Trichloroethylene	ND		20	19.7	99	21.1	106	7	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	19.8	99	22.3	112	12	60-130/25
75-01-4	Vinyl chloride	ND		20	21.9	110	24.9	125	13	60-130/25
1330-20-7	Xylene (total)	ND		60	57.3	96	62.1	104	8	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16350-6MS	N22656.D	1	06/08/11	TF	n/a	n/a	VN756
C16350-6MSD	N22657.D	1	06/08/11	TF	n/a	n/a	VN756
C16350-6	N22655.D	1	06/08/11	TF	n/a	n/a	VN756

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-6, C16327-7

CAS No.	Surrogate Recoveries	MS	MSD	C16350-6	Limits
1868-53-7	Dibromofluoromethane	101%	98%	98%	60-130%
2037-26-5	Toluene-D8	94%	95%	96%	60-130%
460-00-4	4-Bromofluorobenzene	101%	100%	101%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16351-1MS	L8305.D	1	06/10/11	TF	n/a	n/a	VL262
C16351-1MSD	L8306.D	1	06/10/11	TF	n/a	n/a	VL262
C16351-1	L8297.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	C16351-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		80	70.7	88	68.9	86	3	60-130/25
71-43-2	Benzene	ND		20	18.0	90	17.9	90	1	60-130/25
108-86-1	Bromobenzene	ND		20	18.8	94	18.6	93	1	60-130/25
74-97-5	Bromochloromethane	ND		20	21.3	107	20.8	104	2	60-130/25
75-27-4	Bromodichloromethane	ND		20	18.8	94	18.6	93	1	60-130/25
75-25-2	Bromoform	ND		20	21.4	107	21.4	107	0	60-130/25
104-51-8	n-Butylbenzene	ND		20	16.2	81	16.3	82	1	60-130/25
135-98-8	sec-Butylbenzene	ND		20	17.0	85	17.2	86	1	60-130/25
98-06-6	tert-Butylbenzene	ND		20	17.5	88	17.4	87	1	60-130/25
108-90-7	Chlorobenzene	ND		20	18.7	94	18.7	94	0	60-130/25
75-00-3	Chloroethane	ND		20	18.5	93	18.8	94	2	60-130/25
67-66-3	Chloroform	ND		20	18.2	91	18.0	90	1	60-130/25
95-49-8	o-Chlorotoluene	ND		20	17.0	85	17.1	86	1	60-130/25
106-43-4	p-Chlorotoluene	ND		20	16.2	81	16.3	82	1	60-130/25
56-23-5	Carbon tetrachloride	ND		20	18.1	91	18.3	92	1	60-130/25
75-34-3	1,1-Dichloroethane	ND		20	16.9	85	16.8	84	1	60-130/25
75-35-4	1,1-Dichloroethylene	ND		20	16.3	82	16.3	82	0	60-130/25
563-58-6	1,1-Dichloropropene	ND		20	17.1	86	17.2	86	1	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND		20	15.4	77	15.5	78	1	60-130/25
106-93-4	1,2-Dibromoethane	ND		20	18.8	94	18.8	94	0	60-130/25
107-06-2	1,2-Dichloroethane	ND		20	18.3	92	18.1	91	1	60-130/25
78-87-5	1,2-Dichloropropane	ND		20	18.2	91	17.9	90	2	60-130/25
142-28-9	1,3-Dichloropropane	ND		20	18.3	92	18.0	90	2	60-130/25
108-20-3	Di-Isopropyl ether	ND		20	16.5	83	16.3	82	1	60-130/25
594-20-7	2,2-Dichloropropane	ND		20	13.4	67	13.3	67	1	60-130/25
124-48-1	Dibromochloromethane	ND		20	19.6	98	19.2	96	2	60-130/25
75-71-8	Dichlorodifluoromethane	ND		20	15.9	80	16.3	82	2	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND		20	18.5	93	18.3	92	1	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND		20	18.5	93	18.2	91	2	60-130/25
541-73-1	m-Dichlorobenzene	ND		20	18.1	91	18.0	90	1	60-130/25
95-50-1	o-Dichlorobenzene	ND		20	18.4	92	18.5	93	1	60-130/25
106-46-7	p-Dichlorobenzene	ND		20	18.2	91	18.1	91	1	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND		20	17.4	87	17.4	87	0	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND		20	16.2	81	16.0	80	1	60-130/25
100-41-4	Ethylbenzene	ND		20	17.6	88	17.4	87	1	60-130/25
64-17-5	Ethyl Alcohol	ND		400	315	79	320	80	2	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16351-1MS	L8305.D	1	06/10/11	TF	n/a	n/a	VL262
C16351-1MSD	L8306.D	1	06/10/11	TF	n/a	n/a	VL262
C16351-1	L8297.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Compound	C16351-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	ND		20	19.2	96	18.7	94	3	60-130/25
591-78-6	2-Hexanone	ND		80	63.8	80	62.7	78	2	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	17.1	86	17.3	87	1	60-130/25
98-82-8	Isopropylbenzene	ND		20	15.6	78	15.7	79	1	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	16.1	81	16.3	82	1	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	77.4	97	75.1	94	3	60-130/25
74-83-9	Methyl bromide	ND		20	19.8	99	19.9	100	1	60-130/25
74-87-3	Methyl chloride	ND		20	21.5	108	20.1	101	7	60-130/25
74-95-3	Methylene bromide	ND		20	19.3	97	19.0	95	2	60-130/25
75-09-2	Methylene chloride	ND		20	18.6	93	18.5	93	1	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	68.7	86	68.1	85	1	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	18.8	94	18.6	93	1	60-130/25
91-20-3	Naphthalene	ND		20	17.1	86	17.2	86	1	60-130/25
103-65-1	n-Propylbenzene	ND		20	16.4	82	16.6	83	1	60-130/25
100-42-5	Styrene	ND		20	18.6	93	18.4	92	1	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	18.6	93	18.3	92	2	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	82.4	82	81.1	81	2	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	19.9	100	19.9	100	0	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	17.4	87	17.5	88	1	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	17.6	88	17.7	89	1	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	18.7	94	18.5	93	1	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	17.7	89	17.6	88	1	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	17.0	85	17.1	86	1	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	17.0	85	17.1	86	1	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	17.2	86	17.2	86	0	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	17.6	88	17.6	88	0	60-130/25
127-18-4	Tetrachloroethylene	ND		20	15.9	80	15.9	80	0	60-130/25
108-88-3	Toluene	ND		20	17.8	89	17.8	89	0	60-130/25
79-01-6	Trichloroethylene	ND		20	17.9	90	18.0	90	1	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	17.7	89	18.6	93	5	60-130/25
75-01-4	Vinyl chloride	ND		20	18.2	91	18.7	94	3	60-130/25
1330-20-7	Xylene (total)	ND		60	54.8	91	54.9	92	0	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C16327
Account: SHELLWIC Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C16351-1MS	L8305.D	1	06/10/11	TF	n/a	n/a	VL262
C16351-1MSD	L8306.D	1	06/10/11	TF	n/a	n/a	VL262
C16351-1	L8297.D	1	06/09/11	TF	n/a	n/a	VL262

The QC reported here applies to the following samples: **Method:** SW846 8260B

C16327-3

CAS No.	Surrogate Recoveries	MS	MSD	C16351-1	Limits
1868-53-7	Dibromofluoromethane	99%	98%	100%	60-130%
2037-26-5	Toluene-D8	95%	95%	95%	60-130%
460-00-4	4-Bromofluorobenzene	96%	96%	98%	60-130%

Northern California ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C16327
Account: SHELLWIC - Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Bromide	GP2738/GN5989	0.20	0.0	mg/l	5	4.80	96.0	90-110%
Chloride	GP2731/GN5976	0.50	0.0	mg/l	5	4.83	96.6	90-110%
Nitrogen, Nitrate	GP2731/GN5976	0.10	0.0	mg/l	5	4.86	97.2	90-110%
Nitrogen, Nitrate	GP2738/GN5989	0.10	0.0	mg/l	5	4.60	92.0	90-110%
Sulfate	GP2731/GN5976	0.50	0.0	mg/l	5	4.76	95.2	90-110%

Associated Samples:
Batch GP2731: C16327-1, C16327-2, C16327-3
Batch GP2738: C16327-1, C16327-2, C16327-3
(*) Outside of QC limits

BLANK SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C16327
Account: SHELLWIC - Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Analyte	Batch ID	Units	Spike Amount	BSD Result	RPD	QC Limit
Bromide	GP2738/GN5989	mg/l	5	4.77	0.6	25%
Chloride	GP2731/GN5976	mg/l	5	4.88	1.0	25%
Nitrogen, Nitrate	GP2731/GN5976	mg/l	5	4.86	0.0	25%
Nitrogen, Nitrate	GP2738/GN5989	mg/l	5	4.61	0.2	25%
Sulfate	GP2731/GN5976	mg/l	5	4.76	0.0	25%

Associated Samples:
Batch GP2731: C16327-1, C16327-2, C16327-3
Batch GP2738: C16327-1, C16327-2, C16327-3
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C16327
Account: SHELLWIC - Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Bromide	GP2738/GN5989	C16326-5	mg/l	0.52	4	4.3	94.5	80-120%
Nitrogen, Nitrate	GP2731/GN5976	C16329-1	mg/l	0.72	4	4.4	92.0	80-120%
Nitrogen, Nitrate	GP2738/GN5989	C16326-5	mg/l	0.96	4	3.6	90.0	80-120%
Sulfate	GP2731/GN5976	C16329-1	mg/l	70.2	20	89.2	95.0	80-120%

Associated Samples:
Batch GP2731: C16327-1, C16327-2, C16327-3
Batch GP2738: C16327-1, C16327-2, C16327-3
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C16327
Account: SHELLWIC - Shell Oil Products
Project: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Bromide	GP2738/GN5989	C16326-5	mg/l	0.52	4	4.3	0.0	
Nitrogen, Nitrate	GP2731/GN5976	C16329-1	mg/l	0.72	4	4.4	0.0	
Nitrogen, Nitrate	GP2738/GN5989	C16326-5	mg/l	0.96	4	3.6	0.0	
Sulfate	GP2731/GN5976	C16329-1	mg/l	70.2	20	88.9	0.3	

Associated Samples:
Batch GP2731: C16327-1, C16327-2, C16327-3
Batch GP2738: C16327-1, C16327-2, C16327-3
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

Northern California ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

(Accutest New Jersey)

Includes the following where applicable:

- Chain of Custody

Northern California ACCUTEST Laboratories

Accutest ID and PO#: C16327

2105 Lundy Avenue, San Jose, CA 95131 Phone :(408)588-0200 Fax: (408)588-0201

Subcontract Chain of Custody

Subcontract Lab: Accutest New Jersey
Date Sent: 06/06/11
Date Due: 06/17/11

GW

Project Name: SHELLWIC3249
Project Location:

Accutest Lab Number	Customer Sample Name/Field Point ID	Matrix	Method	Collect Date	Collect Time
			RSK-175		
C16327-1		GW	*V8015CH4 (Methane: RSK-175)	06/01/11	13:37
C16327-2		GW	*V8015CH4 (Methane: RSK-175)	06/01/11	15:08
C16327-3		GW	*V8015CH4 (Methane: RSK-175)	06/01/11	13:57

2139

Comments:

Relinquished By:	Received By: FedEx	Date: 06/06/11	Time: 15:00
Elvink			
Relinquished By: FedEx	Received By:	Date:	Time:
		6/7/11	0930

FED Ex # - 7971 7415 5256

7° - 3.5°C

C16327: Chain of Custody
Page 1 of 2
Accutest New Jersey

Page 1

Send the Report to: dianet@accutest.com

FAX

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: C16327 **Client:**

Date / Time Received: 6/7/2011 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

C16327: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

(Accutest New Jersey)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C16327
Account: ALNCA Accutest Northern California, Inc.
Project: SHELLWIC: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GII2532-MB	II51741.D	1	06/10/11	TCH	n/a	n/a	GII2532

The QC reported here applies to the following samples: **Method:** RSK-175

C16327-1, C16327-2, C16327-3

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.10	0.022	ug/l	

Laboratory Control Sample Summary

Job Number: C16327
Account: ALNCA Accutest Northern California, Inc.
Project: SHELLWIC: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GII2532-LCS	II51739.D	1	06/10/11	TCH	n/a	n/a	GII2532

The QC reported here applies to the following samples: **Method:** RSK-175

C16327-1, C16327-2, C16327-3

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
74-82-8	Methane	100	111	111	59-134

Duplicate Summary

Job Number: C16327
Account: ALNCA Accutest Northern California, Inc.
Project: SHELLWIC: URSCALA:T0603764817-INC#97662312, 3645 S. Crenshaw,Los Angeles,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA77453-3DUP	II51746.D	1	06/10/11	TCH	n/a	n/a	GII2532
JA77453-3	II51745.D	1	06/10/11	TCH	n/a	n/a	GII2532

The QC reported here applies to the following samples: **Method:** RSK-175

C16327-1, C16327-2, C16327-3

CAS No.	Compound	JA77453-3 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	ND		ND		nc	16

SOIL VAPOR EXTRACTION AND GROUNDWATER MONITRORING REPORT 4th QUARTER 2010

Prepared for:

Crenshaw Park

Site Name/Location:

Cameo Cleaners and A&J Laundry
3650 Crenshaw Boulevard and 3506 Rodeo Road
Los Angeles, California

February 2, 2011

Bowyer Environmental Consulting
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
T: 877-232-4620
F: 714-840-4963

SOIL VAPOR EXTRACTION AND GROUNDWATER MONITRORING REPORT
4th QUARTER
Cameo Cleaners and A&J Laundry
3650 Crenshaw Boulevard and 3506 Rodeo Road
Los Angeles, California

BEC Project No.: 09002001

February 2, 2011

Prepared For:
Mr. Bernard Greenburg
Crenshaw Park
9601 Wilshire Boulevard, Suite 710
Beverley Hills, CA 90210

Prepared by:
Bowyer Environmental Consulting, Inc.
17011 Beach Boulevard, Suite 900
Huntington Beach, California 92647
T: 877.232.4620
F: 714.840.4963

The material and data in this report were prepared by and/or under the supervision and direction of the undersigned.

Brian Bauer Date Feb 2, 2011

Brian Bauer
Staff Scientist
Bowyer Environmental Consulting, Inc

Date Feb. 2, 2011

Brett H. Bowyer, P.G.
Principal
Bowyer Environmental Consulting, Inc.

LIST OF FIGURES

LIST OF TABLES

APPENDICIES

1.0 INTRODUCTION

On behalf of Crenshaw Park, Bowyer Environmental Consulting, Inc. (BEC) has prepared this 4th Quarter 2010 Remedial Progress and Groundwater Monitoring Report associated with on-going environmental activities at the Cameo Cleaners/A&J Laundry facility (Site). As shown on Figures 1 and 2, the Site is located within the Los Angeles Basin, at the southeastern corner of Crenshaw Boulevard and Rodeo Road, approximately 1 mile south of the Santa Monica Freeway, 3 1/4 miles west of the Harbor Freeway, and 5 miles east of the San Diego Freeway. The Site address is 3650 Crenshaw Boulevard and 3506 Rodeo Road in Los Angeles, California.

This Report summarizes 4th quarter 2010 operational data for a soil vapor extraction (SVE) system that was installed and began operation at the site on March 1, 2010. Groundwater monitoring activities/results from the 4th quarter of 2010 are also summarized in this Report. Conclusions based on the recent/historical data, and recommendations with respect to further remedial and groundwater monitoring activities are summarized.

1.1 Regulatory Status

The work summarized in this Report is being done in response to the "Approval of Work Plan for Additional Site Assessment" (Work Plan Approval), which the Los Angeles Regional Water Quality Board (RWQCB) issued on September 23, 2009, and the "Approval of Time Extension Request to Submit a Technical Report" (Extension Approval) which the RWQCB issued on October 21, 2009.

1.2 Objectives

The primary objectives of the work presented in this Report are to:

- Summarize SVE results and performance criteria;
- Continue to evaluate groundwater flow and quality criteria; and
- Compare soil concentrations to pre-remedial conditions.

2.0 SITE BACKGROUND

Several commercial businesses currently operate at the Site, including: Cameo Cleaners, A&J Laundry, Kings Donut, and a Ralph's Grocery store. Both Cameo Cleaners and A&J Laundry perform dry cleaning and other general cloth washing operations at the Site. The locations of these businesses are shown on Figure 3.

The existing structures were built sometime in the early 1950s. The land was reportedly used for agriculture purposes prior to that point. According to city building records (Secor, August 13, 1998), laundry operations began as early as 1954.

The A&J Laundry utilizes the facility located in the northeastern corner of the Site to conduct stone-washing and other industrial laundry operations. A&J Laundry also reportedly (Secor, August 13, 1998) historically used floor drains, clarifiers, and a trench drain for the discharge of laundry waste. It is also reported (Secor, August 13, 1998) that at the present time, no dry cleaning activities or solvents are being used by A&J Laundry.

Cameo Cleaners (Cameo) is an operating dry cleaning business located directly west, and in the same building as, A&J Laundry. Cameo currently operates two self-contained dry cleaning machines in the southwestern corner of the building that they occupy. These machines use tetrachloroethene (PCE) as a cleaning solvent. Unused PCE is stored in two reservoirs behind the machines, and spent PCE saturated waste filters are stored in 55 gallon drums in the narrow alleyway located to the south of the building. The waste filters are reportedly (Secor, August 13, 1998) disposed of by an independent waste recycler.

The narrow alleyway was, and continues to be utilized by both A&J Laundry and Cameo for general storage. Drums are present in the alleyway, which appear to be utilized for storing waste liquid. The drums are not labeled and are not within secondary containment areas, so the purpose and exact nature of these drums and how they are utilized by A&J Laundry and Cameo is not known. It has been reported (AMEC Geomatrix, August 20, 2008) that both A&J Laundry and Cameo historically washed down the alley with the use of water hoses, and that wash-down water formerly pooled in a former low spot in the alleyway. The wash-down practice was terminated, the low spot was repaired and

asphalt was patched at some point in order to reduce further infiltration and the potential for additional chemical migration to groundwater.

2.1 General Geology and Hydrogeology

The subject Site lies at approximately 110 feet above mean sea level (MSL), and the surface in the general area of the Site has a gradual gentle westerly slopping trend. The subsurface geology consists of 600 to 700 feet of interbedded sediment of Quaternary alluvium, which are channel and marine deposits of the Lakewood and San Pedro Formations (California Department of Water Recourses [CDWR], 1961). Site specific shallow soil observed during past and recent drilling activities (silty sand, silty clay, silty fine sand, sandy silt and clayey silt) is generally consistent with the available regional information.

A shallow perched zone of groundwater has been reported (CDWR, 1961) to be present within the upper sections of the Bellflower Aquiclude in the general vicinity of the Site. The first major aquifer beneath the Site is the Exposition Aquifer at a reported depth of approximately 50 feet below ground surface (bgs). Additional deeper aquifers, including the Gardena/Gage, Lynwood, Silverado and Sunnyside Aquifers (CDWR, 1961), are also reported to be present at greater depths.

Based on past and recent drilling and well installation activities in the vicinity of the Site, groundwater has been observed at depths of 10 to 20 feet beneath ground surface (BGS), which is consistent with the perched zone that has been reported to be present. Perched groundwater measurements collected to date, indicate that flow is generally towards the west, and levels have been generally decreasing over time.

2.2 Summary of Previous Environmental Activities

Between 1997 and the current date, environmental Site assessments have been performed by Secor, MH/Jones, ENSR, AMEC Geomatrix Inc., and BEC. These investigations have included soil vapor surveys, soil matrix sampling, the installation of piezometers, the installation of groundwater monitoring wells, and the installation of SVE wells.

Prior to this report, investigations activities have included the installation of 25 soil vapor probes, 30 soil borings, two piezometers (S-1, and S-2), eight groundwater monitoring wells, six SVE wells and four confirmation soil borings. Twenty-four groundwater monitoring events, performed

between 1998 and 2010, have been implemented prior to the work described in this report.

In January 1998, eleven (11) shallow vapor sampling points (SV-1 through SV-11), and one soil boring (B-1) were installed. Between March and April, 1998, 21 soil borings and three groundwater monitoring wells (MW-1 through MW-3) were installed. In addition, grab groundwater samples were collected at four locations (GP-1 through GP-21) during this period. Two additional groundwater monitoring wells (MW-4 and MW-5) were installed in February 2000, and two more (MW-6 and MW-7) were installed in June 2000.

In 2002 a pilot test for a dual-phase extraction (DPE) system was performed. Pilot test wells S-1 and S-2 were installed at this time and used for monitoring and assessing the radius of influence of vapor extraction from the extraction well. DPE was performed between March and September of 2004 (seven months).

In November 2009, 14 additional soil vapor probes (SV-12 through SV-25) were installed on and off the Site. In November and December, one additional groundwater monitoring well (MW-8) was installed and developed.

In February 2010, six vapor extraction wells were installed along the narrow alleyway. A vapor extraction and treatment system was installed at the Site in February 2010, and the SVE system began operating on March 1, 2010.

In October 2010, four conformation soil borings were drilled and sampled in the narrow alleyway.

3.0 VAPOR EXTRACTION OPERATIONS AND RESULTS

The location of SVE wells, the extraction and treatment system and associated piping is shown on Figure 4. The generalized SVE well design is shown on Figure 5 and specific construction details for each SVE well is shown on Table 1. Figure 6 provides an overall SVE system flow diagram.

The SVE was installed in late February 2010, and began operation on March 2, 2010. The system has operated almost continuously (98% of the time) for ten months between March and December, 2010.

The only downtime, estimated at 3.5 days, occurred between the April 30 and May 7, 2010 measuring dates. Upon arrival at the Site on May 7, 2010 it was observed that the SVE system was not operating. The system was restarted, assessed, and found to be working properly. The reason for the system shutdown between April 30, and May 7, 2010 was indeterminable.

As extracted concentrations from VEW-4, VEW-5 and VEW-6 have decreased to insignificant levels, these wells were shut down so that mass removal could be optimized by concentrating the extraction process to the more productive wells (VEW-1, VEW-2 and VEW-3). As such, VEW-5 and VEW-6 were shut down on September 21, 2010, and VEW-4 was shut down on September 24, 2010.

The activities and results obtained during SVE operations during the 4th quarter of 2010 (October through December) are summarized in the following subsections.

3.1 SVE Operation and Maintenance

Site visits were conducted on a weekly basis during the 4th quarter of 2010 to perform routine operation and maintenance activities on the SVE system. Routine equipment operation and monitoring procedures that were conducted during each Site visit include the following:

- Monitoring system performance parameters (flow rate of extracted air stream, pre-pump vacuum pressure, temperature and concentration of the undiluted inlet air stream);

- Monitoring system compliance parameters (concentration before and after the Vapor Treatment System);

- Monitoring well field parameters (relative flow rate and concentration from each vapor extraction well);

- Monitoring energy usage (recording the reading on the kilowatt-hour gauge);

- Checking fluid accumulation in the gas/liquid separator sight-glass; and.

- Observing oil level in the oil/water filter sight glass to avoid automatic system shutdown due to incorrect volumes of oil.

The system air flow, vacuum, and temperature readings were measured directly off of gauges that are connected to an inline Pitot Tube mounted on the system piping, which is part of the trailer-mounted Vapor Treatment Unit. Air sample were also extracted from a sample port in this area to measure pre-diluted vapor concentrations. The samples were extracted with the use of a portable vacuum pump, and the samples were gathered within a clean Tedlar bag. Once the Tedlar bags had been completely filled, they were disconnected from the vacuum pump, and a hand held photoionization detector (ppbRAE), calibrated to hexane, was used to measure the vapor concentration in the Tedlar bag.

Air samples were also collected from ports located before/after the Vapor Treatment System, and at each of the vapor extraction well heads. These samples were collected and concentrations were measured in a similar fashion to that described for the pre-diluted system vapor concentration. In addition, relative well field air flow data was collected with the use of a hand held hot-wire anemometer. In order to do this, the lead of the anemometer was placed inside the piping at ports located just to the system-side of each vapor extraction well.

Vapor samples were collected from the inlet and outlet (stack) of the Vapor Treatment System for laboratory testing on a monthly basis. The Tedlar bags containing the vapor samples were placed in a dark container and delivered to an analytical laboratory for analysis. The laboratory analyzed each of these samples for VOCs by EPA Method 8260B (VOCs and fuel oxygenates) by gas chromatograph – mass spectrometry. The results of the laboratory testing are shown on Table 2. Laboratory reports associated with these samples are provided in Appendix A.

3.2 SVE Extraction Results

In most vapor extraction systems, initial concentrations are relatively high, and decrease rapidly over an initial period of operation. This initial trend is usually followed by a sustained low level of removal, which is commonly referred to as asymptotic recovery. The SVE system at this Site initially appeared to be following the standard pattern. However, as described as follows, concentrations stabilized after a period of time, which may be indicative of steady, slow volatilzation from shallow groundwater.

As shown on Table 2, PCE is the only analyte present based on the laboratory analyses performed on samples collected from the influent and effluent of the SVE system. As PCE is the only compound present in laboratory samples, a single conversion factor has been applied to the field instruments readings in order to convert the measurement to approximate PCE concentrations. Tables 3 and 4 show the field measurements, along with derived cumulative PCE and PCE mass removal rates. Cumulative and mass removed per day values are functions of the "Mass Removed between Measuring Dates" (which varied from a matter of hours during system start up to weekly once the extraction rate had been correlated with the SCAQMD permit requirements). The "Mass Removed between Measuring Dates" is the result of the multiplication of the measured chemical weight fraction (dimensionless) and the weight of the extracted air (in pounds) between the measured data points.

As shown, the initial (March 2, 2010) PCE influent concentrations was measured at 54.9 (ppmv) and the initial effluent concentrations was measured at 0.25 ppmv.

As laboratory results have consistently demonstrated that PCE is the only chemical present in the extracted vapor, the weight fraction can be calculated by the following formula:

$$\text{Weight Fraction} = C_{measured}(\text{PPMv}) \times 1x10^{-6} \times Conv_{instrument} \times MW/Conv_{weight}$$

Where:

1. $Conv_{instrument}$ = 0.133 for PPBRae, with a 10.6 volt bulb, calibrated to hexane, as per Technical Note TN-106 (RAE Systems, Dec. 2007) and Technical Note TN-156 (Rae Systems, May, 2004);
2. MW = Molecular weight of PCE (166); and

3. $Conv_{weight}$ = 29 based on a standardized assumed temperature of 68°C.

The weight of the extracted air can be calculated by the following formula:

Weight of Extracted Air = Q x 60 min x weight of air x duration of extraction

Where:

1. Q = Measured air flow rate in standard feet per minute;
2. Weight of air = 0.075 lbs; and
3. Duration of extraction = Time between measuring points.

The cumulative and daily PCE mass recovery rate over the duration of the SVE system operations is depicted on Figure 7. Mass recovery rates per well are depicted on Figure 8. The following general results regarding the SVE operations have been observed:

- A total of approximately 137 pounds of PCE have been recovered during SVE operations (March 1, 2010 to December 27, 2010).

- Three wells (SVE-4, SVE-5 and SVE-6) have had very low mass recovery levels, and were shut down in early September 2010.

- Air flow rates when all six wells were opened were, for the most-part, sustained at approximately 80 SCFM. During the 4th quarter 2010, when three wells were open (VEW-1, VEW-2 and VEW-3), air flow rates were sustained at approximately 65 SCFM.

- Over 70% of the total mass recovered is generated from SVE-3.

Currently, the dilution valve is partially opened so that influent concentrations can be maintained at levels that are in compliance with general permit requirements.

4.0 GROUNDWATER MONITORING PROGRAM -4TH QUARTER 2010

The following subsections summarize the scope and results obtained during the 4th quarter 2010 groundwater sampling round.

4.1 Gauging and Groundwater Sampling

All eight well were accessed and attempts were made to purge groundwater and collect samples from each location on December 11, 2010, by a subcontractor working on behalf of BEC (EMC Environmental Services). Appendix B contains field forms that summarize the data collected during the monitoring and purging of the groundwater wells.

Prior to sampling, the depth to water and total depth at each well was measured to the nearest 0.01 foot using an electronic water level sounder. The electronic water level sounders were decontaminated prior to and after use at each monitoring well location. These measurements were obtained to determine static water level and total purge volume prior to implementing the pre-sample collection purging procedures.

Based on these measurements, it was determined that water levels had dropped to below the well screens at S-1, S-2, MW-6 and MW-7. As a result, accurate water level measurements and water samples could not be obtained from these wells.

Low flow, bladder pumps were used to purge the wells. The pumps intakes were placed at a depth of no more than 80 % of the total head measured at each of the wells. Pumps were operated at a low rate (approximately 200 milliliters per minute) in order to minimize turbidity during the purging procedures. During purging, a multi-parameter flow-through cell (Solinst U-22) was used to monitor the purge rate and to collect physical/chemical field parameters of the groundwater (dissolved oxygen, oxidation-reduction potential, temperature, electric conductance, pH, and turbidity). Purging was deemed to be complete following the stabilization of monitored parameters. In general approximately 3.0 liters of water were removed from each well prior to sample collections.

Following the completion of purging procedures, groundwater was retrieved from each of the wells via the discharge of the bladder pumps. The water samples were collected in laboratory supplied containers, placed in an ice chest cooled to 4 degrees C, and maintained under chain-

of-custody control until delivery to the analytical laboratory for analysis. Each of the six collected groundwater samples (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-8) was analyzed for:

- VOCs by EPA Method 8260B; and
- 1, 4-dioxane by EPA Method 8270C.

In addition, a field equipment blank sample was collected following the completion of sampling from the groundwater wells. The blank sample was collected by pumping deionized water through the decontaminated bladder pump. Water from the pump discharge was placed into laboratory provided sample containers. The containers were handled in an identical fashion to the other collected samples.

The minor amount of water produced from wells during purging and sampling was stored on Site in a 55-gallon drums, pending disposal. All investigation-derived waste was subsequently appropriately disposed of off Site.

4.2 Water Level Elevations

Table 5 shows the results obtained from the recent groundwater level gauging program, along with results obtained in the past. The historical results include measurements obtained from the eight existing groundwater monitoring wells and the two DPE wells (S-1 and S-2). It should be noted that the water levels observed in S-1, S-2, MW-6 and MW-7 were below the bottom of the reported screened interval. As a result, measurements obtained from these wells during this sampling round were not considered as part of this evaluation.

Groundwater flow conditions, based on the results from the recent monitoring activities, are depicted on Figure 9. As shown, groundwater flows primarily towards the north and northwest.

A total of twenty-five (25) rounds of groundwater sampling have been conducted at the Site between March 1998 (when the first three groundwater wells were installed) and December 2010. Figure 10 plots the elevation measurements obtained at the Site over this period of time. As shown, (excluding the apparent depths measured in S-1, S-2, MW-6 and MW-7) depth to water measured in December was between 13.25 (MW-3) and 16.38 (MW-5) feet. As shown on Figure 10, groundwater elevations appear to have been decreasing over the past 4.5 years.

However, water levels measured during the 4th quarter 2010 in wells MW-1, MW-2, MW-3, MW-4 and MW-8 increased when compared with data collected during the 3rd quarter. The highest level of variability in measured water levels has been consistently observed in MW-5, located off-Site and to the North of Cameo Cleaners. At times, water levels in MW-5 are the lowest observed, and at other times water levels in this well appear to be higher than wells located further to the west (MW-1 and MW-8).

4.3 Water Quality Evaluation

Samples collected from six wells and the equipment blank (seven samples in total) were delivered to the ATL in Signal Hill, California for analysis during the 4th quarter 2010. Again, it should be noted that the water levels observed in MW-6 and MW-7 were below the bottom of the reported screened interval, and that when water was pumped from these wells as part of this sampling round, it did not recover. As a result, samples were not collected from MW-6 and MW-7 during this sampling round. The seven collected samples were analyzed for VOCs by GC/MS according to EPA Method 8260B. In addition, samples collected from the six groundwater wells (MW-1, 2, 3, 4, 5 and 8) were also analyzed for 1, 4-dioxane by GC/MS: Isotope dilution technique according to EPA Methods 3510C and 8270C. Laboratory reports and a copy of the chain-of-custody form, associated with these analyses are provided in Appendix C.

The analytical results for detected compounds are summarized on Table 6, along with results obtained during past sampling rounds. As shown, four VOCs were detected during the recently completed sampling round. The detected VOCs were:

- Tetrachloroethene (PCE) – Detected in four wells at between 13.0 in (MW-3) and 12,000 micrograms per liter (ug/l) in (MW-2);

- Trichloroethene (TCE) – Detected in four wells at between 1.5 (MW-3) and 270 ug/l (MW-2);

- Cis-1,2-dichloroethene (Cis-1,2-DCE) – Detected in two wells at between 8.4 (MW-1) and 48 ug/l (MW-2);

- 1,1-dichloroethene (1,1-DCE) – Detected in one well at 0.89 ug/l (MW-1);

The compound 1, 4-dioxane, and other VOCs were not detected in any of the groundwater monitoring wells sampled during this round.

PCE was observed at the highest concentrations during the 4th quarter 2010 groundwater sampling program. PCE, TCE, and Cis-1, 2-DCE were all observed at concentrations in excess of California Maximum Contaminant Levels (MCLs). 1, 1-DCE was detected at low concentrations in one well (MW-1) during this sampling round.

The distribution of PCE, TCE, and Cis-1, 2-DCE in groundwater for wells sampled during the 4th quarter 2010 are depicted on Figures 11, 12, and 13, respectively. As shown, the most elevated concentrations for each of these compounds was observed in MW-2, which is located near, and/or down gradient of the former source area associated with Cameo and/or A&J Laundry. MW-7 and MW-6 (when sampled historically) also contained relatively high levels of PCE and related VOCs. Well MW-1 contains comparatively lower levels of VOCs, and MW-5 and MW-8 generally contain low to non detectable concentrations of VOCs. MW-3 and MW-4 (upgradient wells) also contain lower to nondetectable levels of VOCs. However, when compared with recent past rounds, these two wells exhibited slightly increased concentrations of PCE and TCE.

The concentrations of PCE, TCE and Cis-1, 2-DCE over time are depicted on Figures 14 through 21. Please note that the scale for the concentration (Y-axis) varies for these figures due to the variability in concentration ranges observed in the various wells located at the Site. Also, water levels have dropped below the screened intervals for MW-6 and MW-7 over the past four quarters and, as a result, samples have not been collected from these wells during this period.

Based on the available data, the overall chemical mass in groundwater appears to have varied over time. The variations may be related to a combination of mass removal progress and groundwater level fluctuations. As shown on Figure 10, groundwater levels appear to have been decreasing over the last several years. This downward trend continued during the first seven months of the vapor extraction system operation (March through September 2010). Concentrations of PCE and the single monitored well located in the core of the groundwater plume (MW-2) also consistently decreased over the first seven months of vapor extraction operation. Conversely, water levels in all but one well (MW-5) rose, and PCE concentrations increased in MW-2 during the 4th quarter 2010 monitoring event. Both the near Site-wide rise in water levels and the increased concentrations on PCE in MW-2 during the 4th quarter of

2010 may be the result of increased precipitation during this time period. As shown on the figure provided in Appendix D, the National Oceanic and Atmospheric Administration, National Weather Service reported that between 8 and 10 inches of rain fell in the general Los Angeles area (including the general proximity of the Site) in December. This high level of rainfall may have resulted in increased local infiltration, which in turn caused the increased water levels and localized increase in PCE concentrations in the plume core area.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on data collected during the first seven months of SVE operation, the quarterly groundwater sampling program, and the recently implemented soil confirmation sampling program, the following conclusions have been drawn:

- The vapor extraction system has been operating almost continuously for ten months and PCE has been the only compound detected in samples of the extracted vapor stream. Through the end of December, 2010, a total of approximately 137 pounds of PCE have been removed from the subsurface via the vapor extraction system.

- Initial extracted concentrations decreased significantly, but stabilized fairly quickly which may be reflective of continued, slow volitization from the shallow groundwater that is known to contain elevated concentrations of PCE. The SVE well with the highest mass recovery rate (VEW-3) is located near the middle of the narrow alleyway (south of Cameo and A&J Laundry) between MW-6 and MW-7. Well VEW-4, VEW-5 and VEW-6 were shut down in late September in order to focus further extraction within, and downgradient of, VEW-3.

- In general, groundwater elevations appear to have been decreasing over the past 4.5 years, but increased slightly during the 4th quarter of 2011. Groundwater flow appears to fluctuate over time and distance. During the 4th quarter 2010, the predominant flow direction was towards the north-west.

- PCE, TCE, and Cis-1,2-DCE are all present in groundwater at concentrations in excess of MCLs in the vicinity of Cameo and A&J Laundry. Of the detected VOCs, PCE is present at the highest concentrations, and was observed within four groundwater monitoring wells. Groundwater concentrations have fluctuated over the course of the last 4.5 years. The concentrations in the core of the plume (as evidenced in MW-2) decreased in during the first seven months of vapor extraction, but increased during the 4th quarter of 2010.

- Based on confirmation soil sampling results collected in October 2010, the PCE concentrations have decreased by 95 to 99 % within the area that can be adequately addressed via soil vapor extraction. The PCE concentrations in these areas is now less than the conservative soil cleanup criteria (SSLs) that have been calculated based on the protection of groundwater.

- PCE is present in very shallow soil (0.5 feet bgs) and within the groundwater capillary fringe (10 feet bgs) at concentrations in excess of the SSLs. However, these shallow and deep elevated concentrations cannot be addressed through vapor extraction, due to surface air exchange/short circuiting associated with the 0.5 foot bgs samples and the influence of elevated dissolved-phase PCE in groundwater associated with the 10 foot bgs samples.

- Benzene is present in soil at various locations and depths in excess of the conservative SSLs. The source of this compound is not known, and it is not believed to be associated with the PCE release from the former dry cleaning operations. Benzene has not been observed in the vapor extraction stream or in underlying groundwater, so the presence of this compound above the conservative SSLs is not believe to be significant at this time.

Based on these conclusions, the following recommendations are being made:

1. During demolition and grading activities associated with planned redevelopment (February 2011) soil that is impacted with PCE and benzene should be managed appropriately, and not redistributed on the Site.

2. The vapor extraction system should be terminated as it has accomplished the primary goal (removal of PCE mass), PCE concentrations in the majority of the vadose zone soil are less than conservative screening criteria (SSLs), and further operation of the system is not be an effective method to address PCE impacts in shallow (0.5 feet bgs) or deep (10 feet bgs and more) soil.

3. Prepare a revised workplan for chemical injection to address the remaining PCE mass in the saturated zone, based on the currently available data.

4. Continue to monitor groundwater flow and quality parameters on a quarterly basis, during the implementation of the chemical injection groundwater treatment program.

5. Discontinue analyzing groundwater for 1,4-dioxane, as the lack of the presence of this compound has been confirmed, and this compound is associated primarily with 1,1,1-trichloroethane (1,1,1-TCA), not with dry cleaning operations (and PCE).

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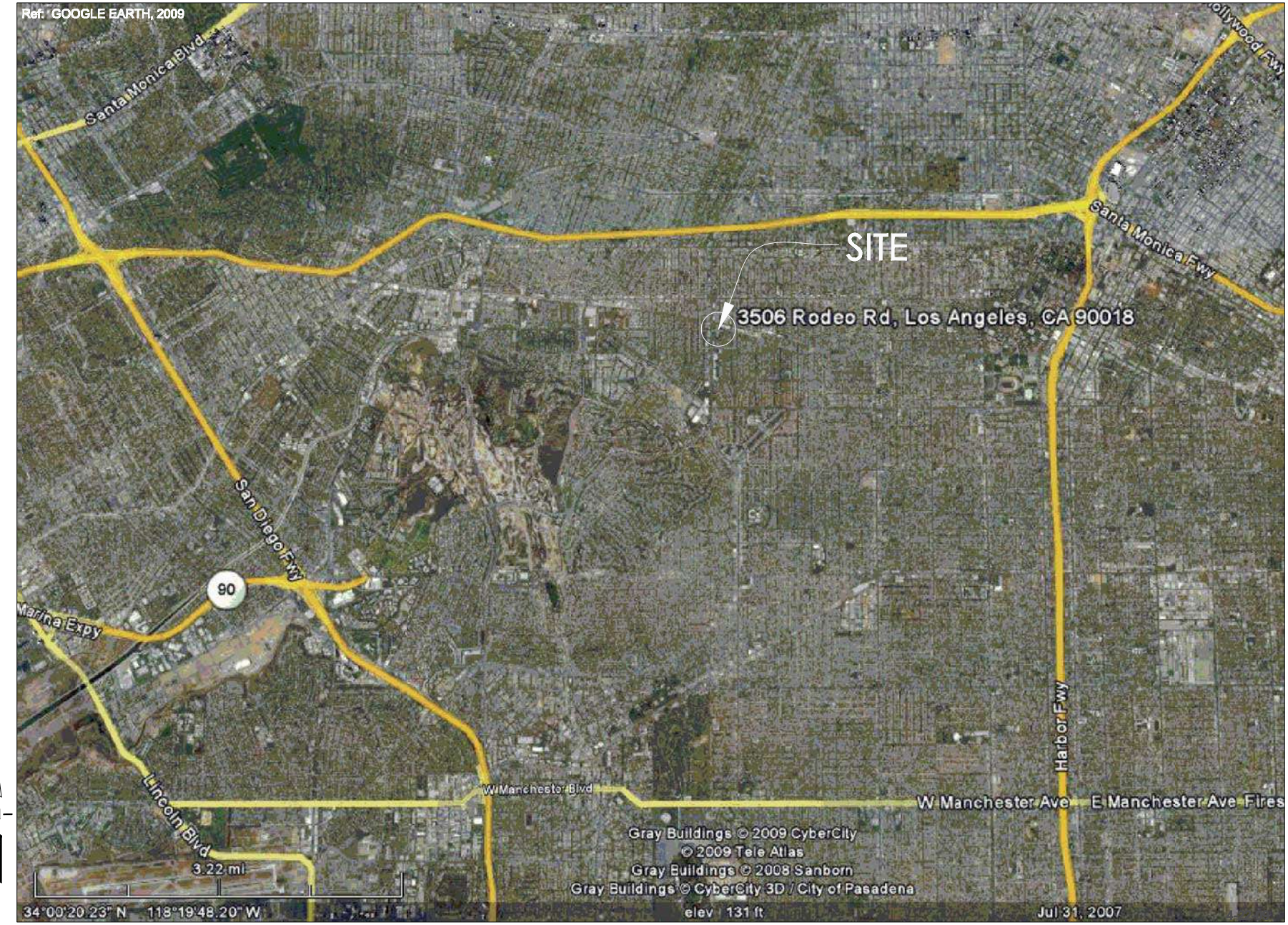
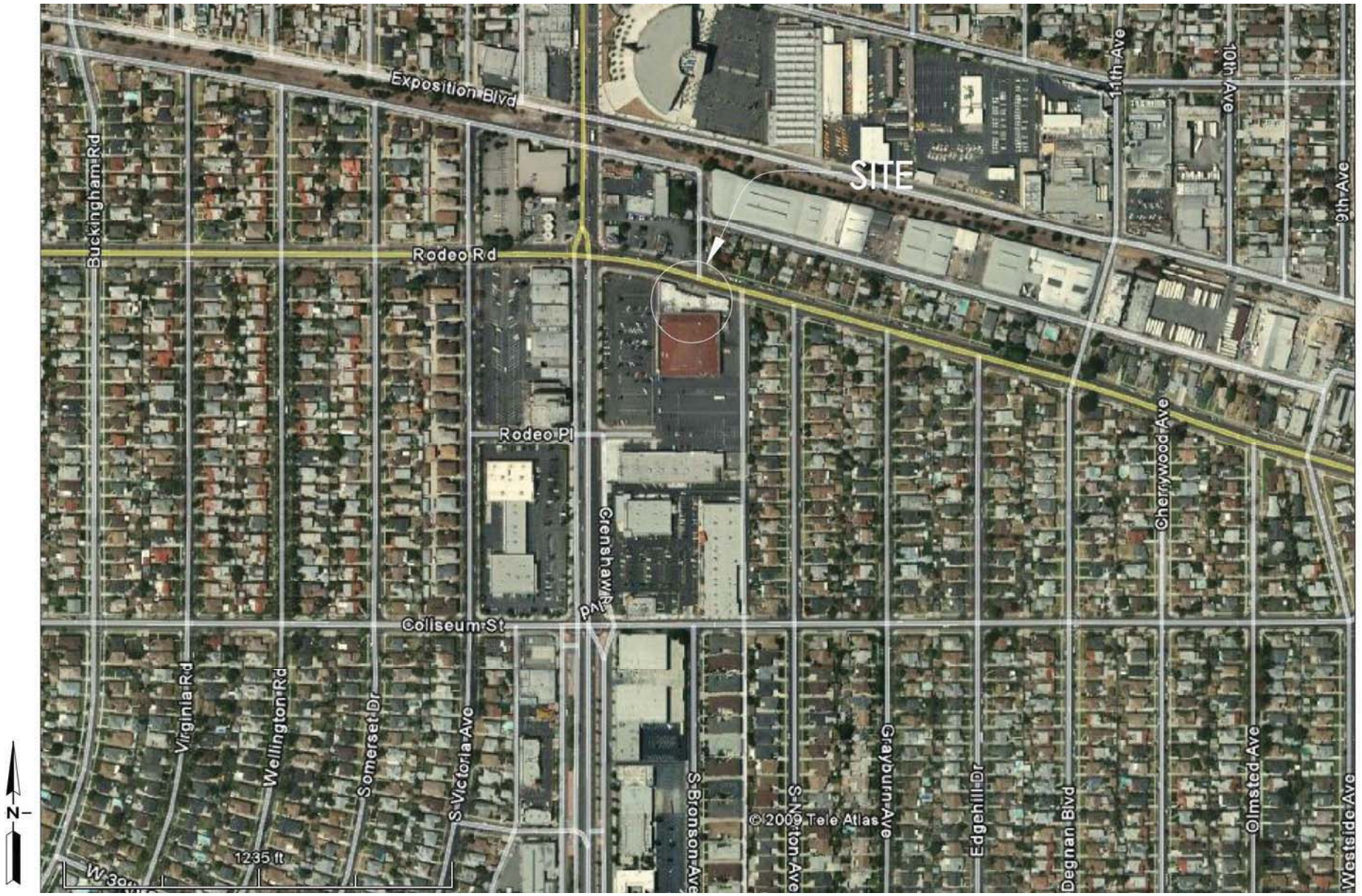
Figures



BEC 16458 Bolsa Chica Street, #422 Huntington Beach, CA 92649 Tel. (877) 232-4620 Fax (714) 840-4963	CAMEO CLEANERS / A&J LAUNDRY 3650 CRENSHAW BOULVEVARD AND 3506 RODEO ROAD LOS ANGELES, CALIFORINA **AERIAL VIEW**	Project No. 09002001	Figure 1

11/10/2009 4:41PM 09002001—11.dwg



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AERIAL VIEW - SITE LOCATION

CRENSHAW PARK

Cameo Cleaners

Project No.	Figure
09002001	2

INDUSTRIAL WAREHOUSES

EXPOSITION PLACE

RESIDENTIAL

RESIDENTIAL

SV-12

MW-3

MW-4

SV-13

SV-15

SV-14

A&J LAUNDRY

SV-18

SV-24

BRONSON AVENUE

MW-7

S-1

SV-16

S-2

MW-5

MW-2

RODEO ROAD

RALPH'S GROCERY STORE

SV-20

AL-MADINAH SCHOOL (BUILDING)

MW-6

SV-17

SV-25

SV-19

SCHOOL PLAYGROUND

CAMEO CLEANERS

KINGS DONUT

AL-MADINAH SCHOOL (BUILDING)

HAVEN BURGER

SV-21

MW-1

SV-22

CLEAN KING CLEANERS

SV-23

MW-8

RODEO PLACE

CRENSHAW BOULEVARD

LEGEND

S-2	Pilot Test Location; Geomatrix, 2002
MW-4	Monitoring Well Location; Secor, 1998 and MH/Jones, 2000
SV-16	Soil Gas Probe Location; BEC, 2009

Note: Concentrations are in micrograms per liter (µg/L)

N

0 60

1 inch= 60 feet

09002001-24.dwg

3/30/2010 10:41AM

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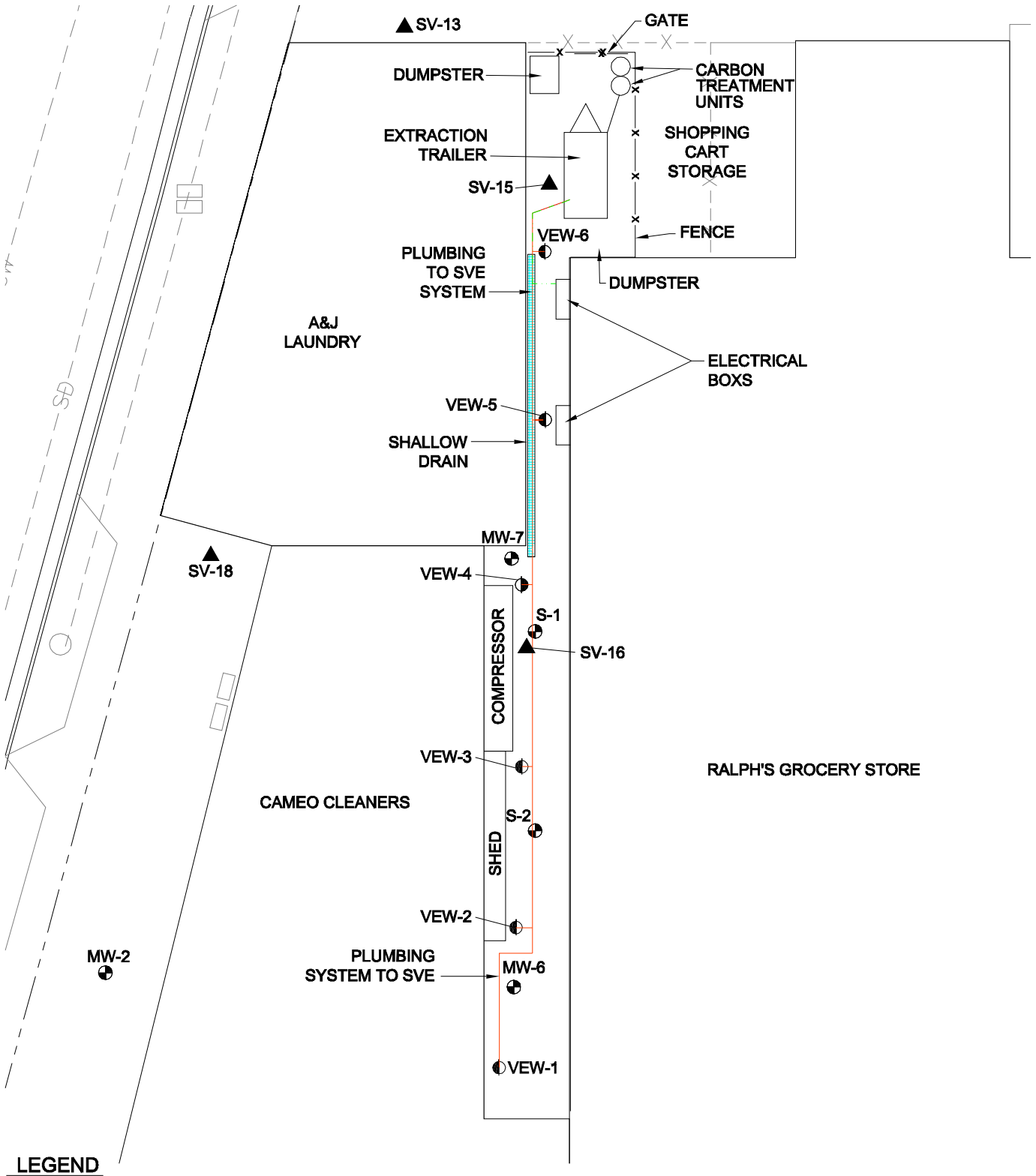
SITE PLAN AND SAMPLING LOCATIONS

CRENSHAW PARK
Cameo Cleaners

Project No. 09001001

Figure 3



09002001-25.dwg
11/16/2010 3:59PM

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SVE WELL, PIPING AND TREATMENT SYSTEM

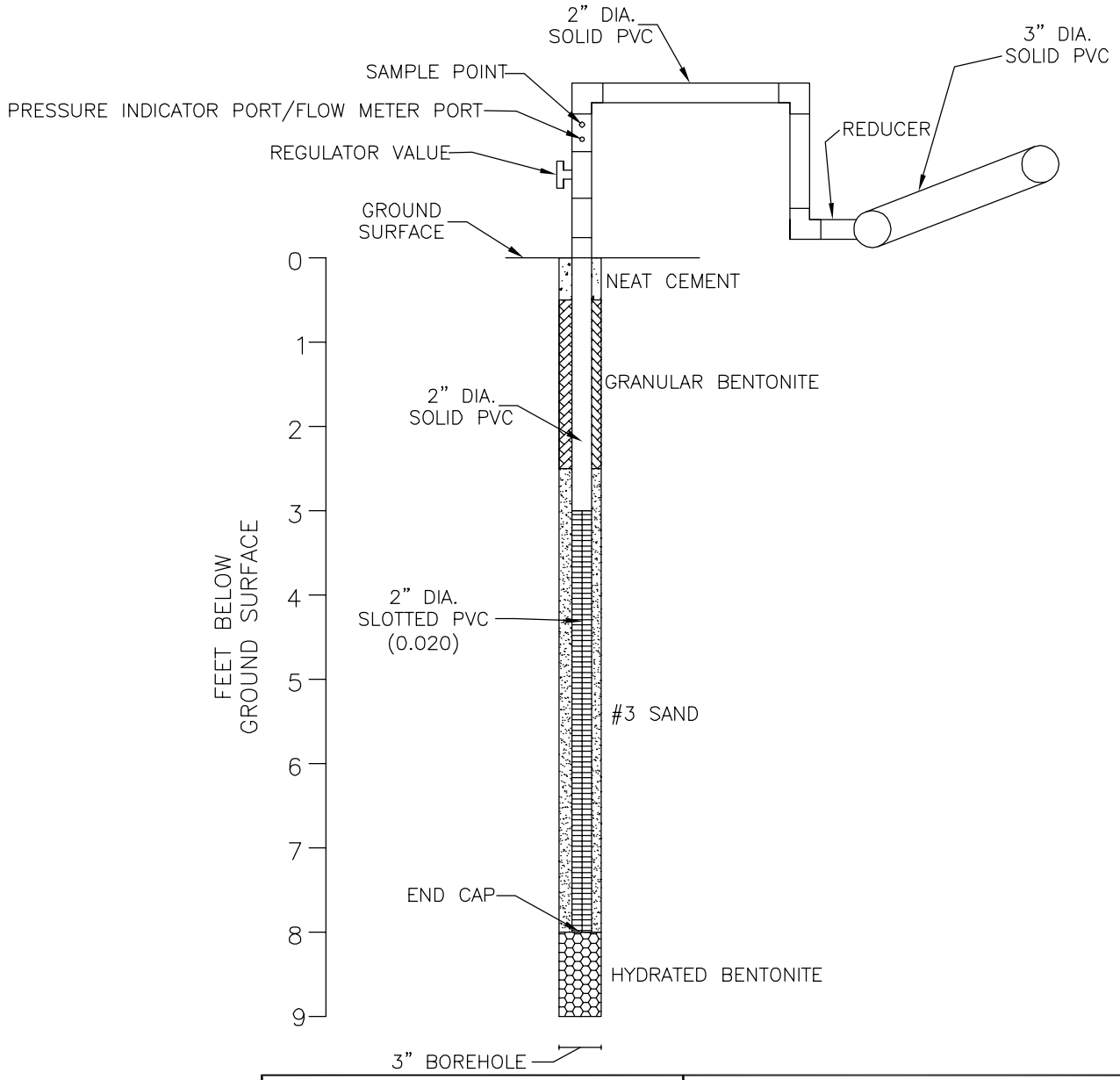
CRENSHAW PARK

Cameo Cleaners

Project No. 09002001

Figure 4

3/30/2010 12:02PM 09002001-27.dwg



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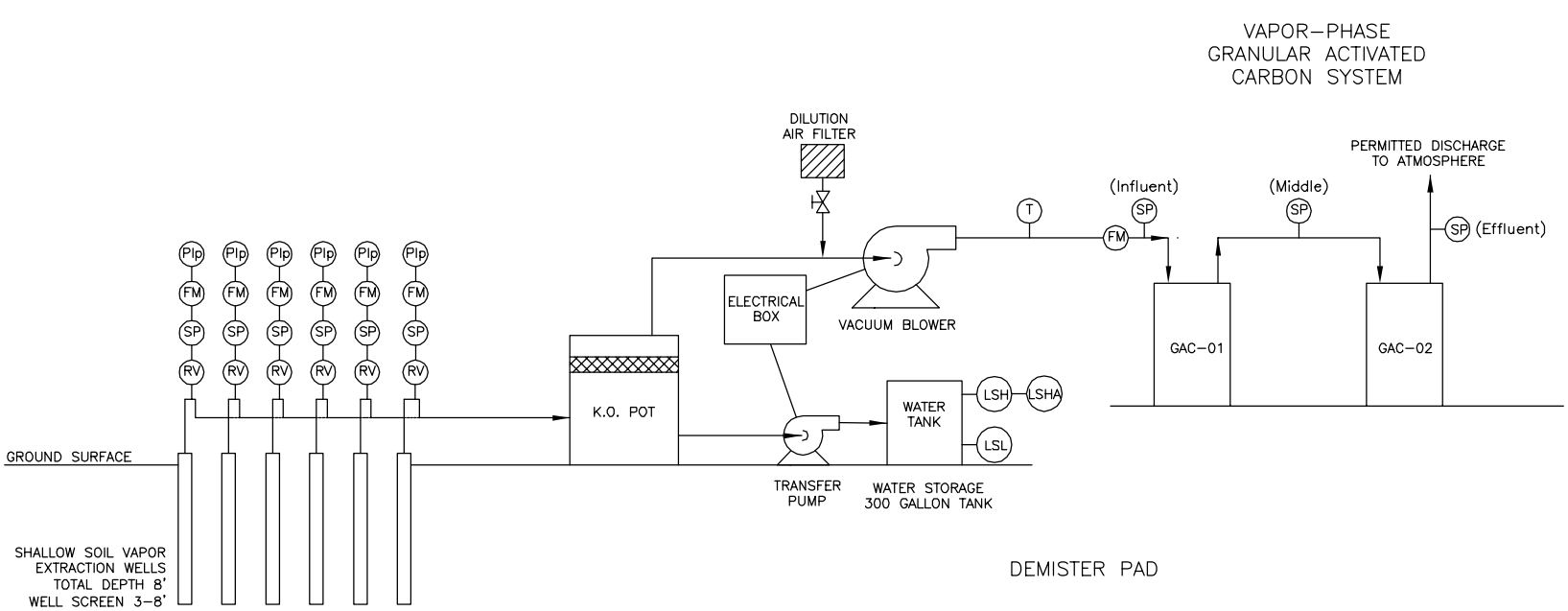
GENERALIZED WELL CONSTRUCTION

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 5

3/30/2010 11:46AM 09002001-26.dwg



LEGEND

- (RV) = REGULATOR VALUE
- (Plp) = PRESSURE INDICATOR PORT
- (FM) = FLOW METER PORT
- (SP) = SAMPLE POINT
- (T) = TEMPERATURE
- (LSH) = HIGH LEVEL SWITCH
- (LSL) = LOW LEVEL SWITCH
- (LSHA) = HIGH LEVEL SWITCH ALARM

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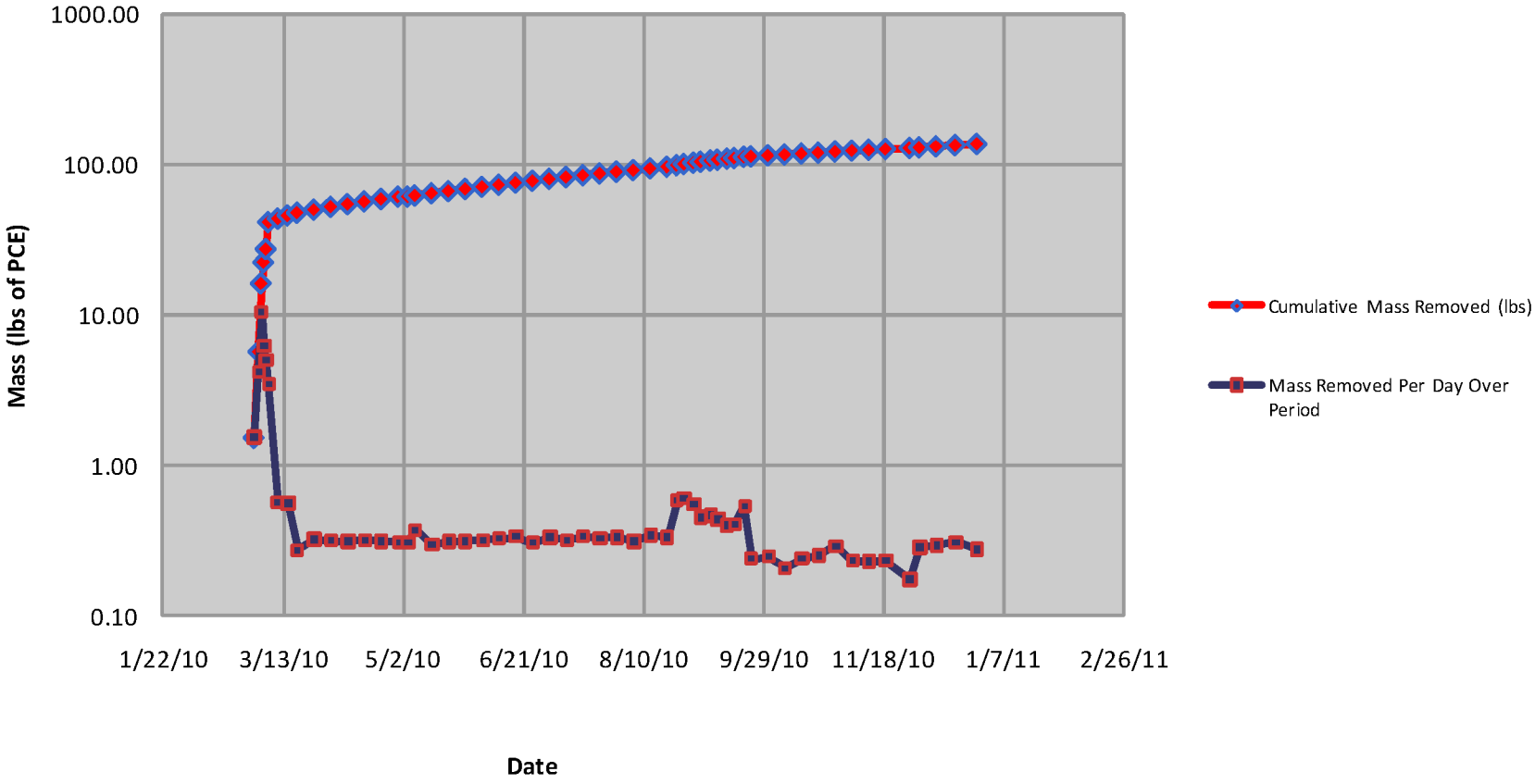
VAPOR EXTRACTION FLOW DIAGRAM

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 6



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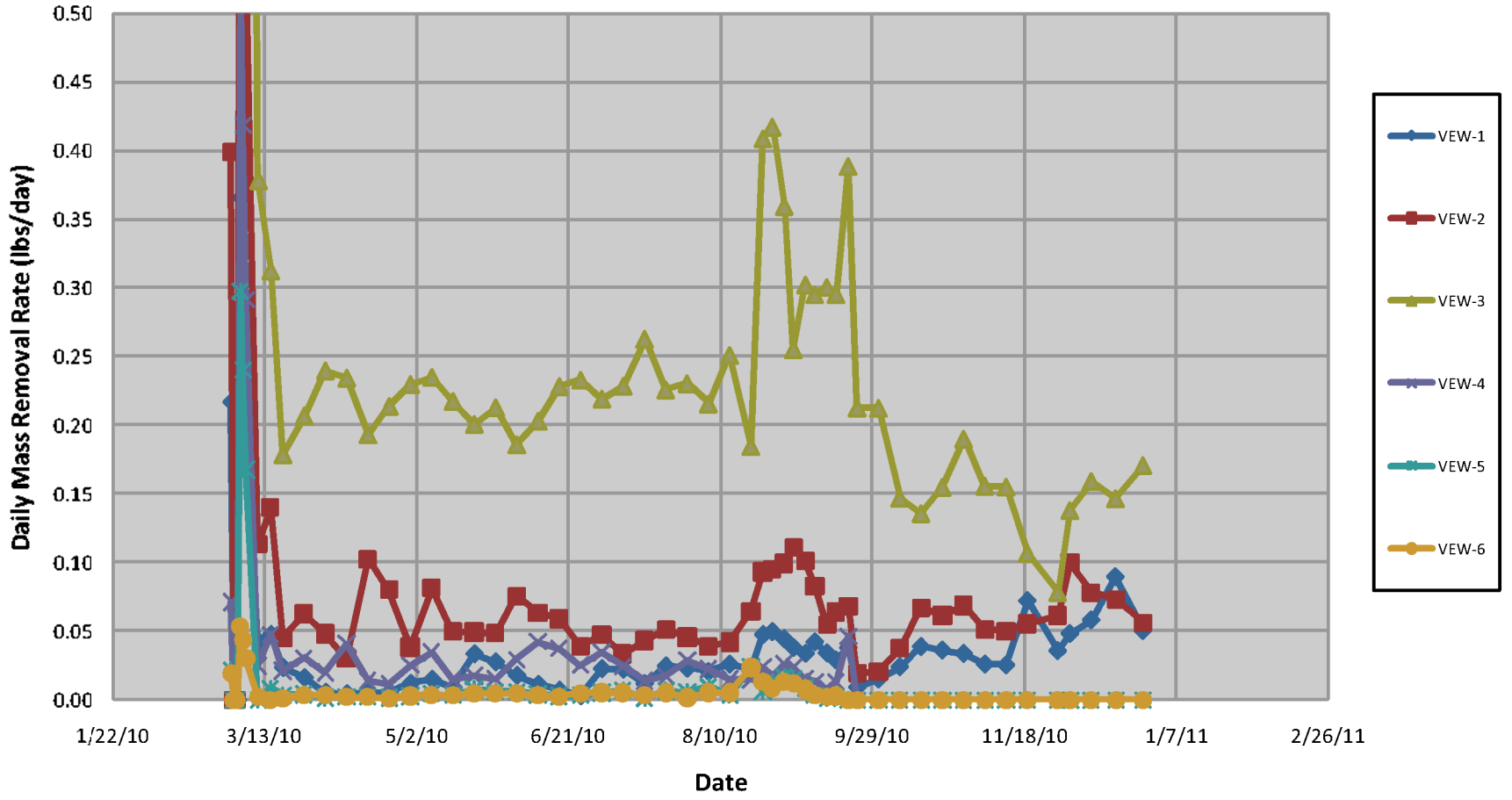
SVE MASS RECOVERY (DAILY AND CUMULATIVE)

CRENSHAW PARK

Cameo Cleaners

Project No. 09002001

Figure 7



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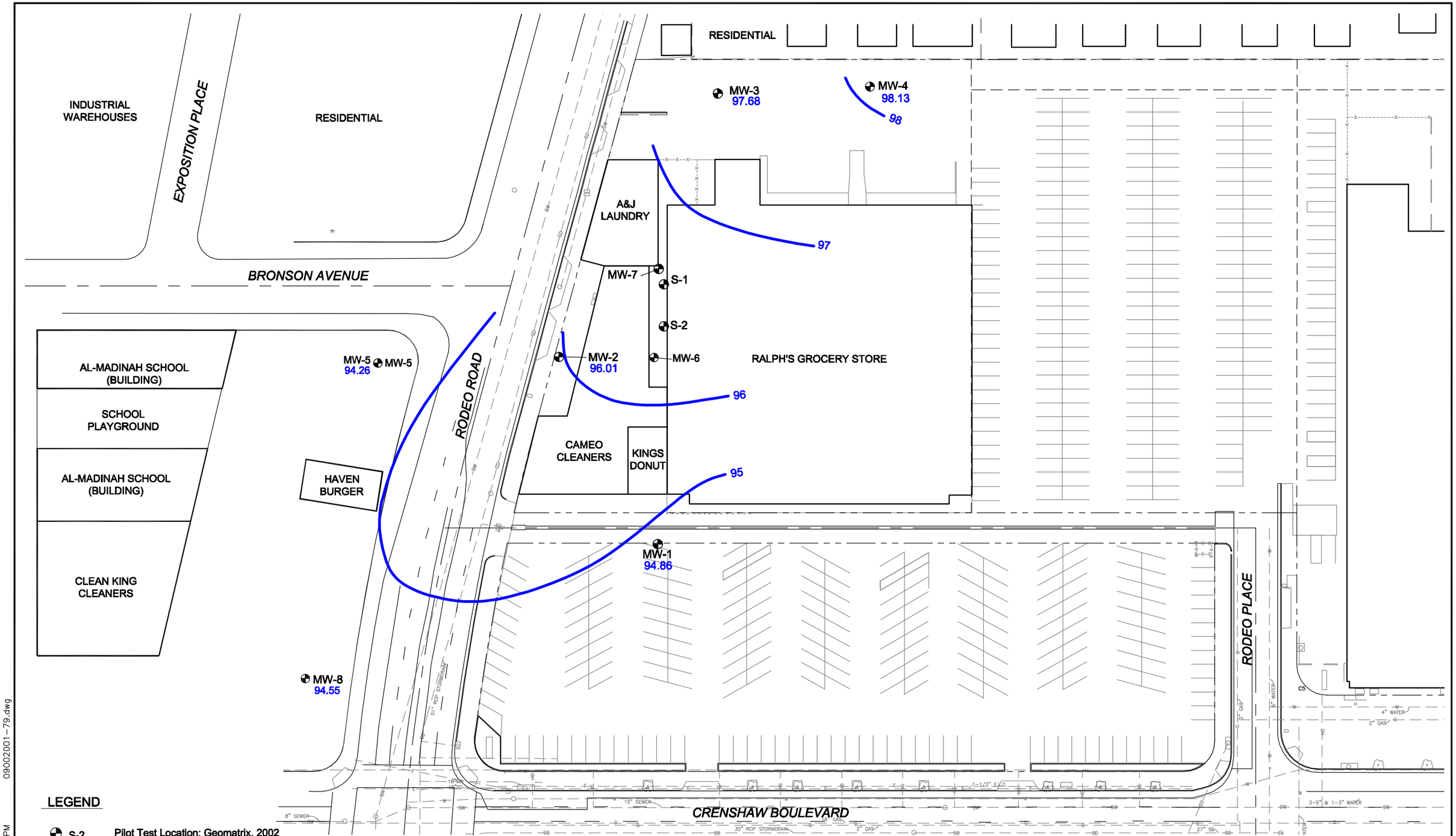
SVE MASS RECOVERY PER WELL

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 8



LEGEND

- S-2 — Pilot Test Location; Geomatrix, 2002
- MW-4 — Monitoring Well Location; Secor, 1998 and MH/Jones, 2000

Note: MW-6 not considered as water levels have droped below screened interval.

N

0 60

1 inch= 60 feet

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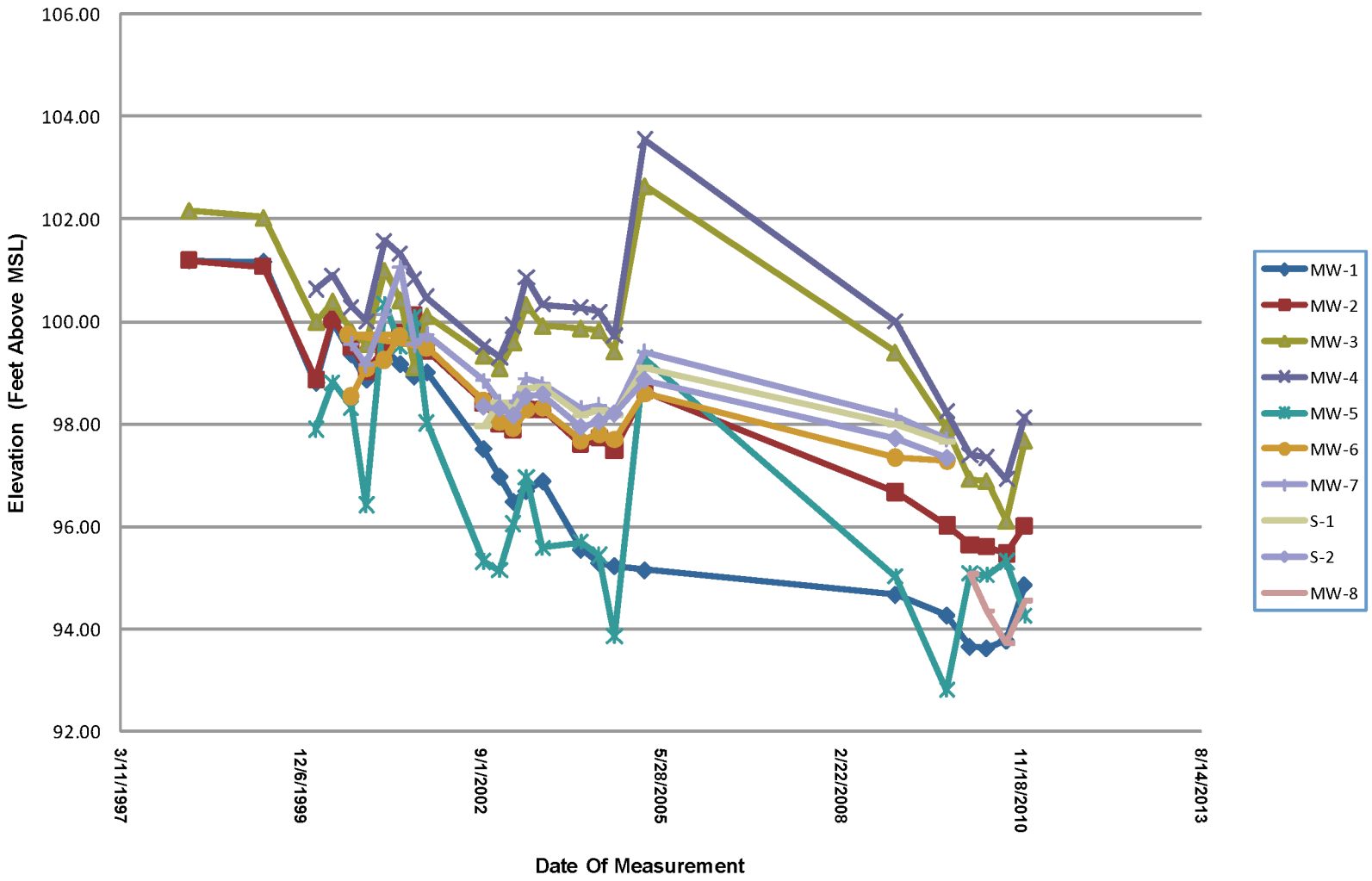
WATER LEVEL ELEVATIONS DECEMBER 11, 2010

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 9

09002001-79.dwg 1/31/2011 4:33PM



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WATER LEVELS OVER TIME

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 10

INDUSTRIAL WAREHOUSES

EXPOSITION PLACE

RESIDENTIAL

RESIDENTIAL

MW-3
13

MW-4
16

A&J LAUNDRY

MW-7

S-1

S-2

MW-2
12,000

MW-6

RALPH'S GROCERY STORE

RODEO ROAD

CAMEO CLEANERS

KINGS DONUT

BRONSON AVENUE

MW-5
<0.5

AL-MADINAH SCHOOL (BUILDING)

SCHOOL PLAYGROUND

AL-MADINAH SCHOOL (BUILDING)

HAVEN BURGER

CLEAN KING CLEANERS

MW-1
600

MW-8
<0.5

RODEO PLACE

CRENSHAW BOULEVARD

8" SEWER

15" SEWER

30" RCP STORMDRAIN

51" RCP STORMDRAIN

1-1/2" E.V.C.

2" GAS

27" SD

8" WATER

4" WATER

2" GAS

3-5" & 1-3" WATER

LEGEND

S-2	Pilot Test Location; Geomatrix, 2002
MW-4	Monitoring Well Location; Secor, 1998 and MH/Jones, 2000
	>10,000
	>1,000, <10,000
	>100, <1,000
	>10, <100
	>1, <10
	>ND, <1

Notes:
1. Concentrations are shown in micrograms per Liter (µg/L)
2. ND=Not detected at less than 0.5 µg/L

N

0 60

1 inch= 60 feet

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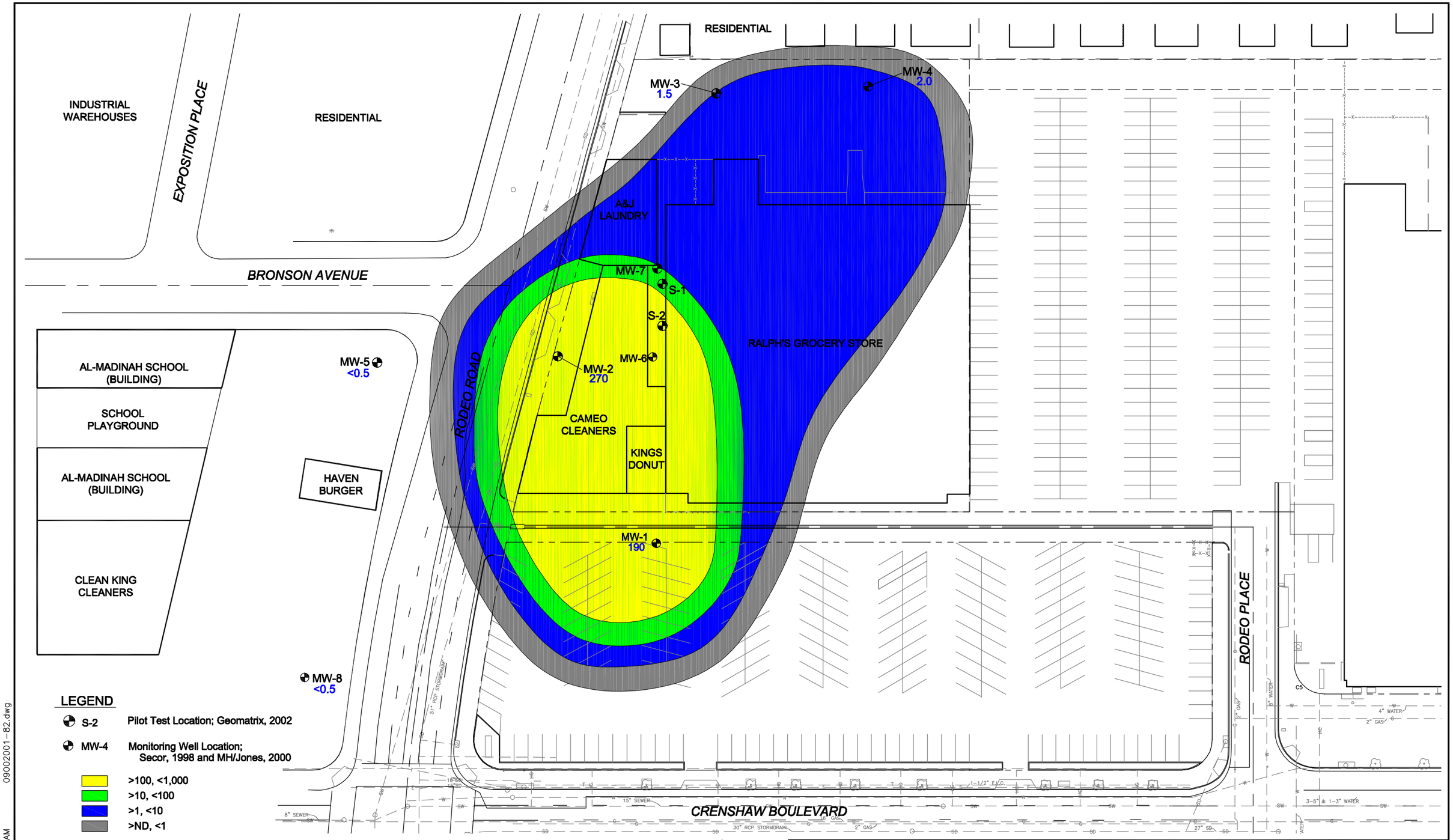
TETRACHLOROETHENE IN GROUNDWATER - DECEMBER 11, 2010

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 11

09002001-81.dwg 1/31/2011 5:17PM



Notes:
1. Concentrations are shown in micrograms per Liter (µg/L)
2. ND=Not detected at less than 0.5 µg/L

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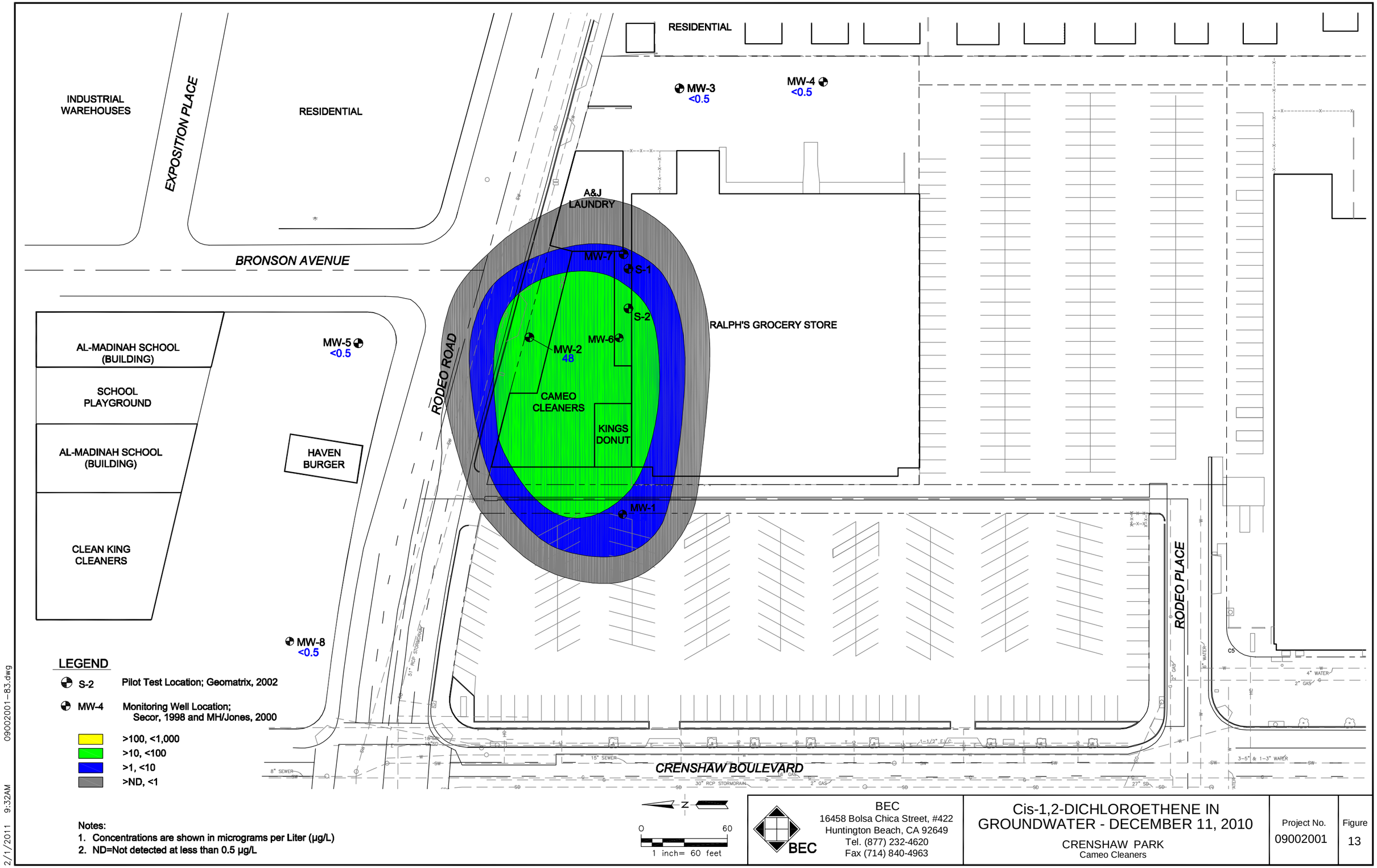
TRICHLOROETHENE IN GROUNDWATER - DECEMBER 11, 2010

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 12

09002001-82.dwg
2/1/2011 9:21AM


INDUSTRIAL WAREHOUSES
EXPOSITION PLACE
RESIDENTIAL
RESIDENTIAL
MW-3
<0.5
MW-4
<0.5
A&J LAUNDRY
BRONSON AVENUE
MW-7
S-1
S-2
MW-6
MW-2
48
RALPH'S GROCERY STORE
RODEO ROAD
AL-MADINAH SCHOOL (BUILDING)
SCHOOL PLAYGROUND
AL-MADINAH SCHOOL (BUILDING)
CLEAN KING CLEANERS
MW-5
<0.5
HAVEN BURGER
CAMEO CLEANERS
KINGS DONUT
MW-1
MW-8
<0.5
RODEO PLACE
CRENSHAW BOULEVARD
51" RCP STORMDRAIN
15" SEWER
8" SEWER
30" RCP STORMDRAIN
2" GAS
27" SD
4" WATER
2" GAS
3-5" & 1-3" WATER
1-1/2" E.I.C.
LEGEND
S-2 Pilot Test Location; Geomatrix, 2002
MW-4 Monitoring Well Location; Secor, 1998 and MH/Jones, 2000
>100, <1,000
>10, <100
>1, <10
>ND, <1
Notes:
1. Concentrations are shown in micrograms per Liter (µg/L)
2. ND=Not detected at less than 0.5 µg/L
N
0
60
1 inch= 60 feet
BEC
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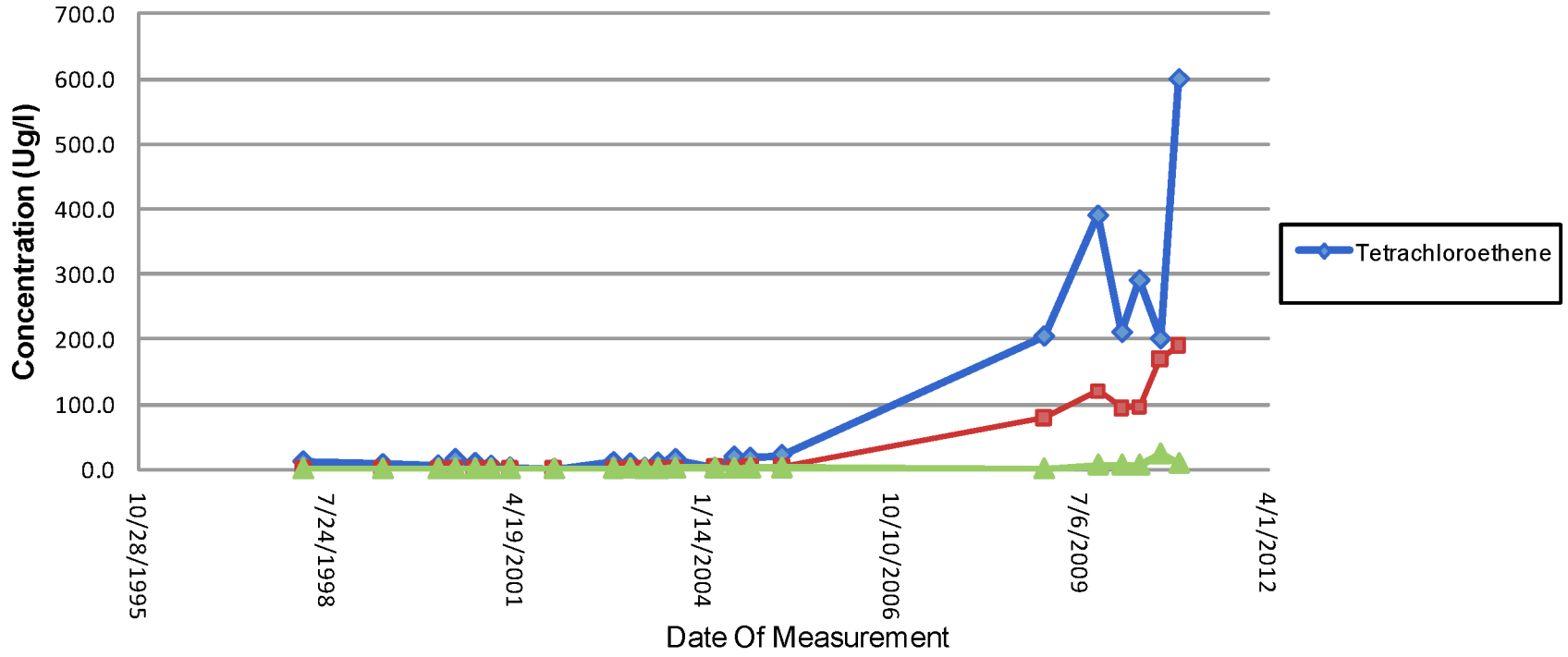
Fax (714) 840-4963
Cis-1,2-DICHLOROETHENE IN GROUNDWATER - DECEMBER 11, 2010
CRENSHAW PARK
Cameo Cleaners
Project No.
09002001
Figure
13
09002001-83.dwg
2/1/2011 9:32AM



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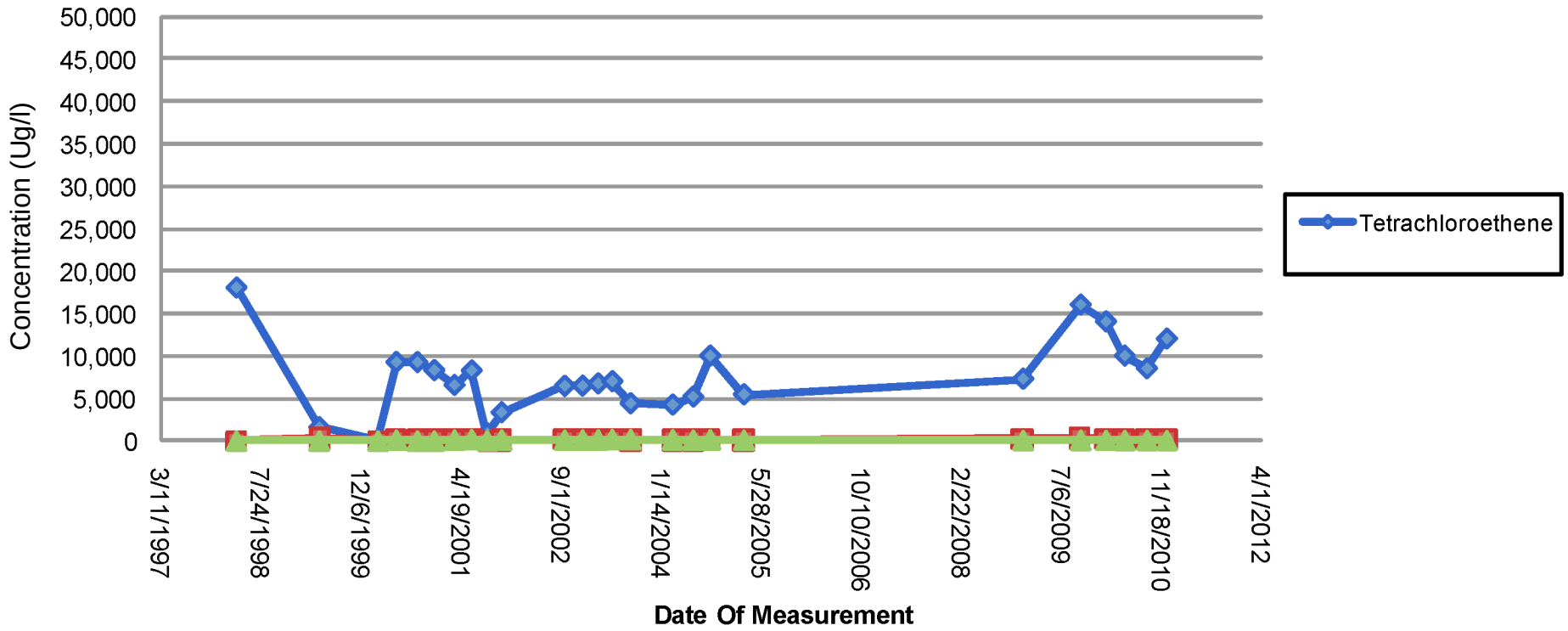
VOCs OVER TIME IN MW-1

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 14



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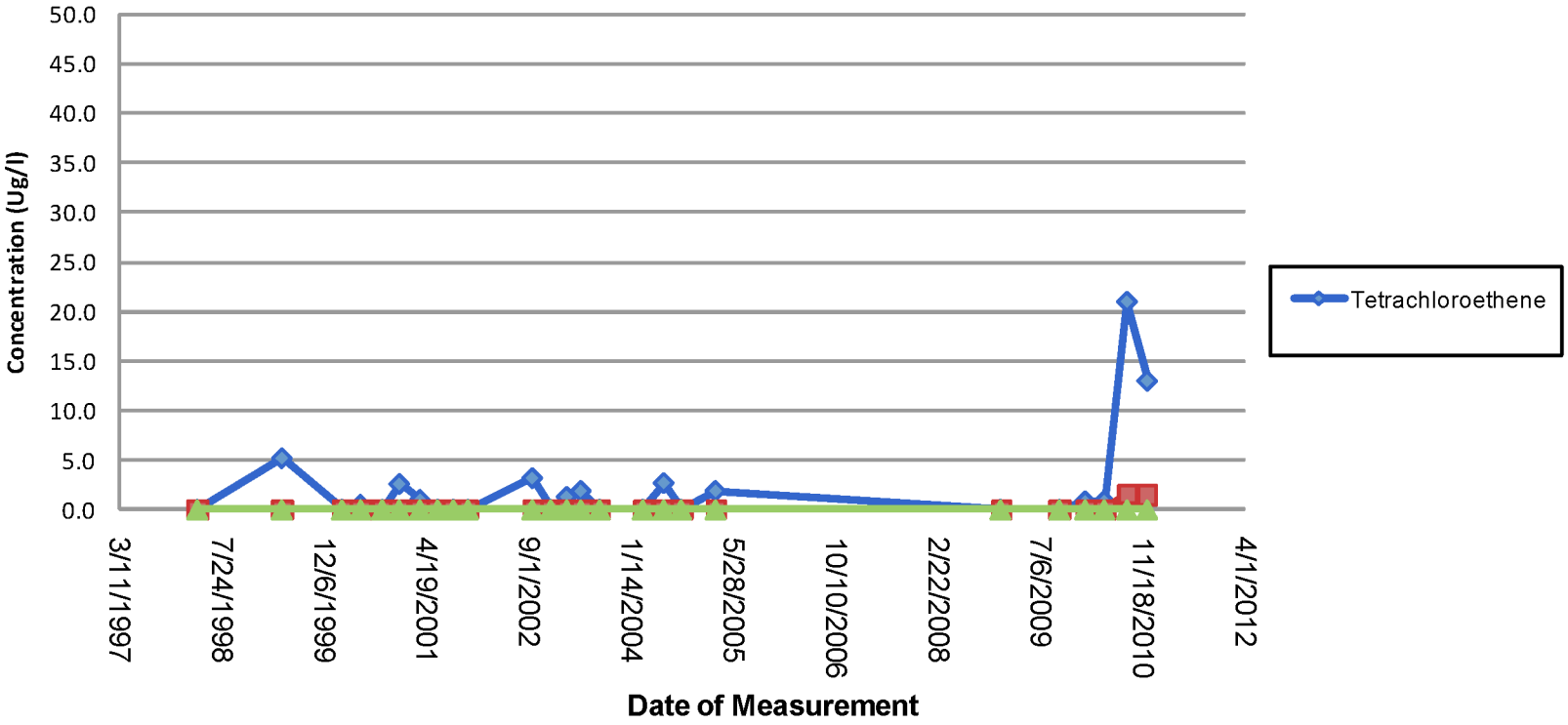
VOCs OVER TIME IN MW-2

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 15



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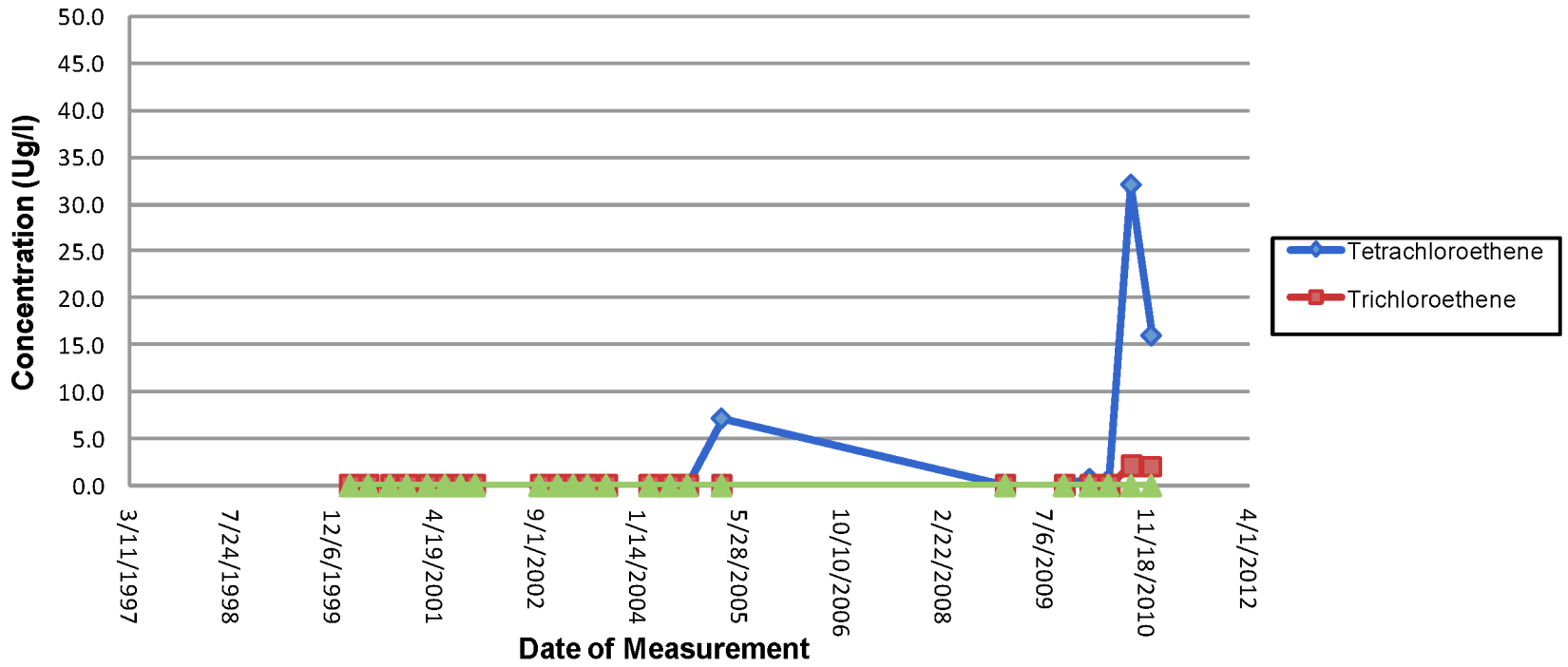
VOCs OVER TIME IN MW-3

CRENSHAW PARK

Cameo Cleaners

Project No. 09002001

Figure 16



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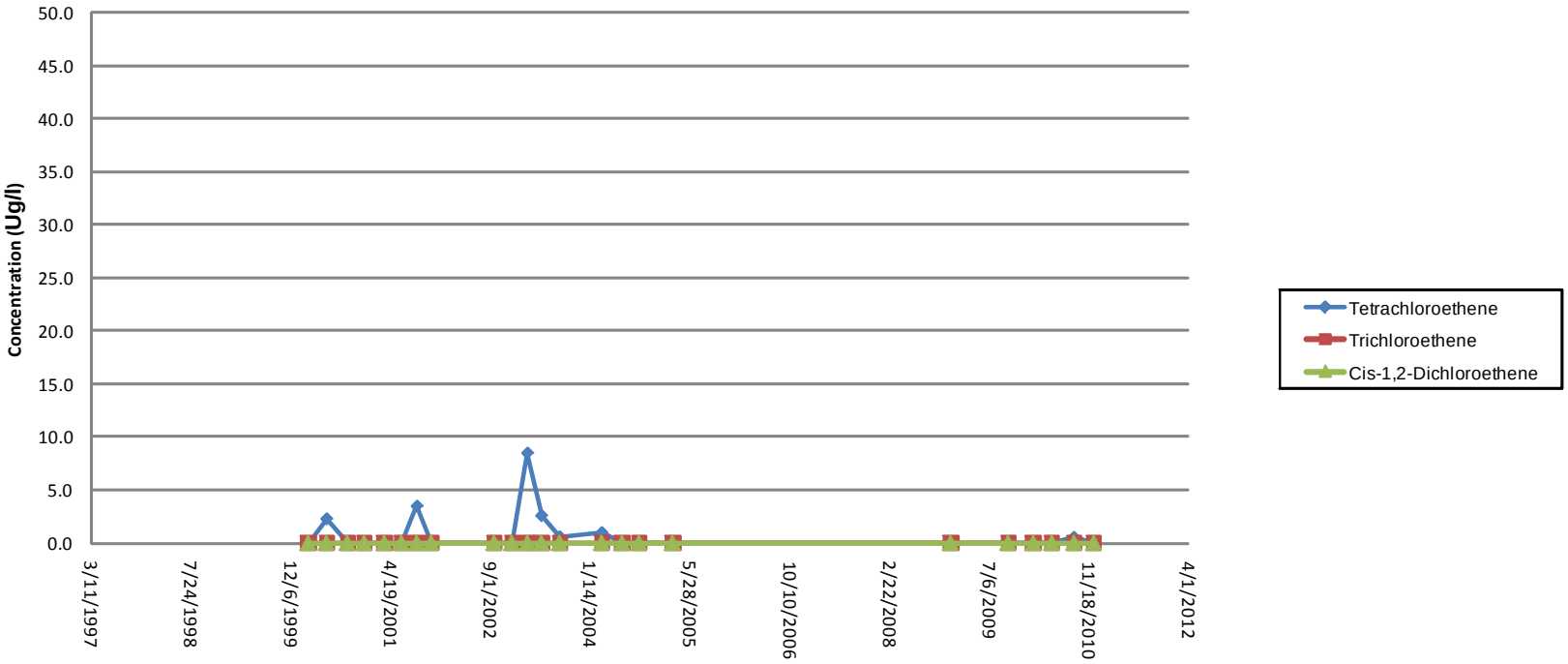
VOCs OVER TIME IN MW-4

CRENSHAW PARK

Cameo Cleaners

Project No. 09002001

Figure 17



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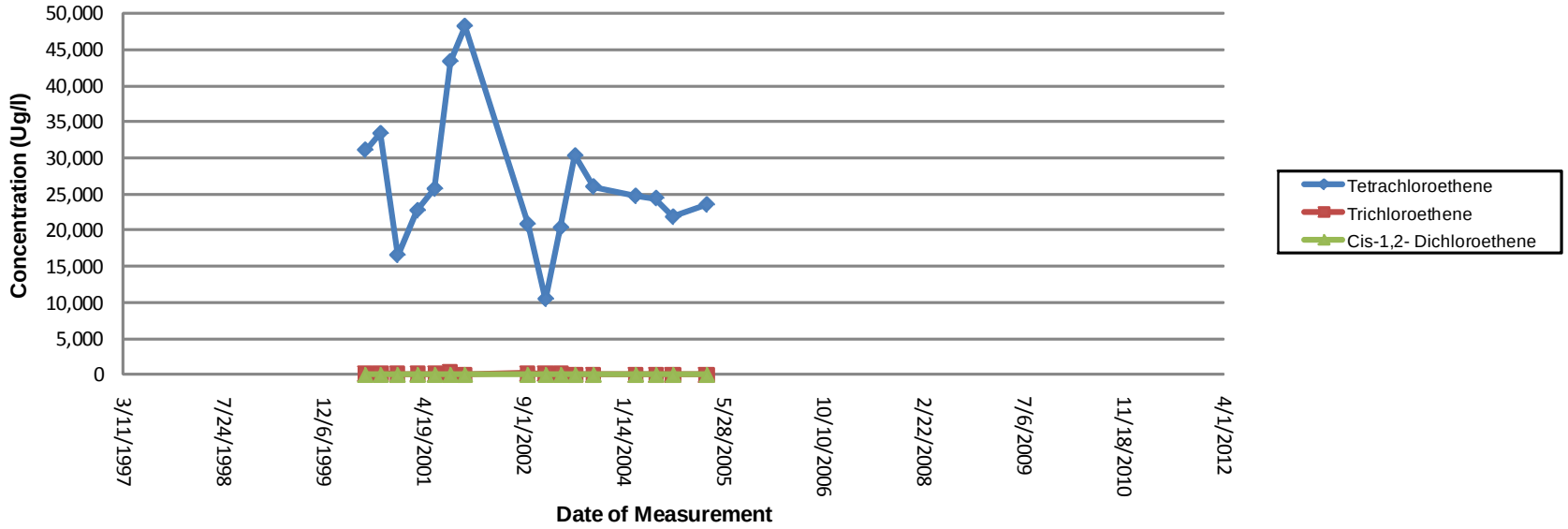
VOCs OVER TIME IN MW-5

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 18



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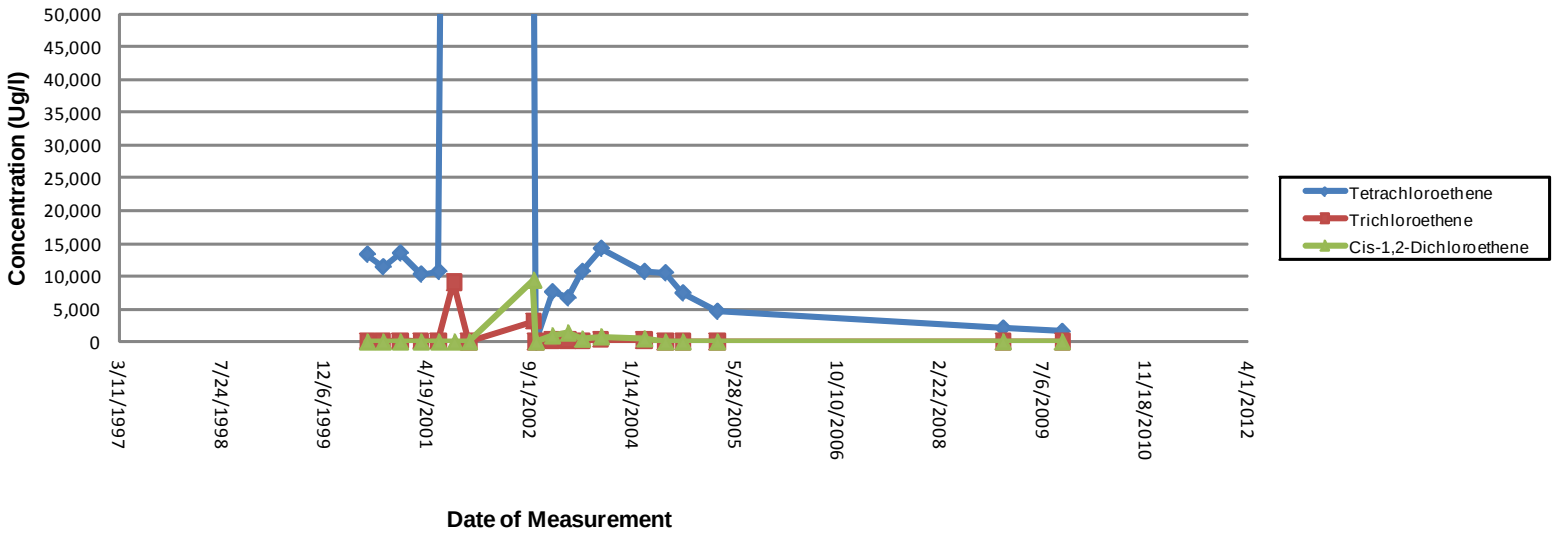
VOCs OVER TIME IN MW-6

CRENSHAW PARK
Cameo Cleaners

Project No.	Figure
09002001	19



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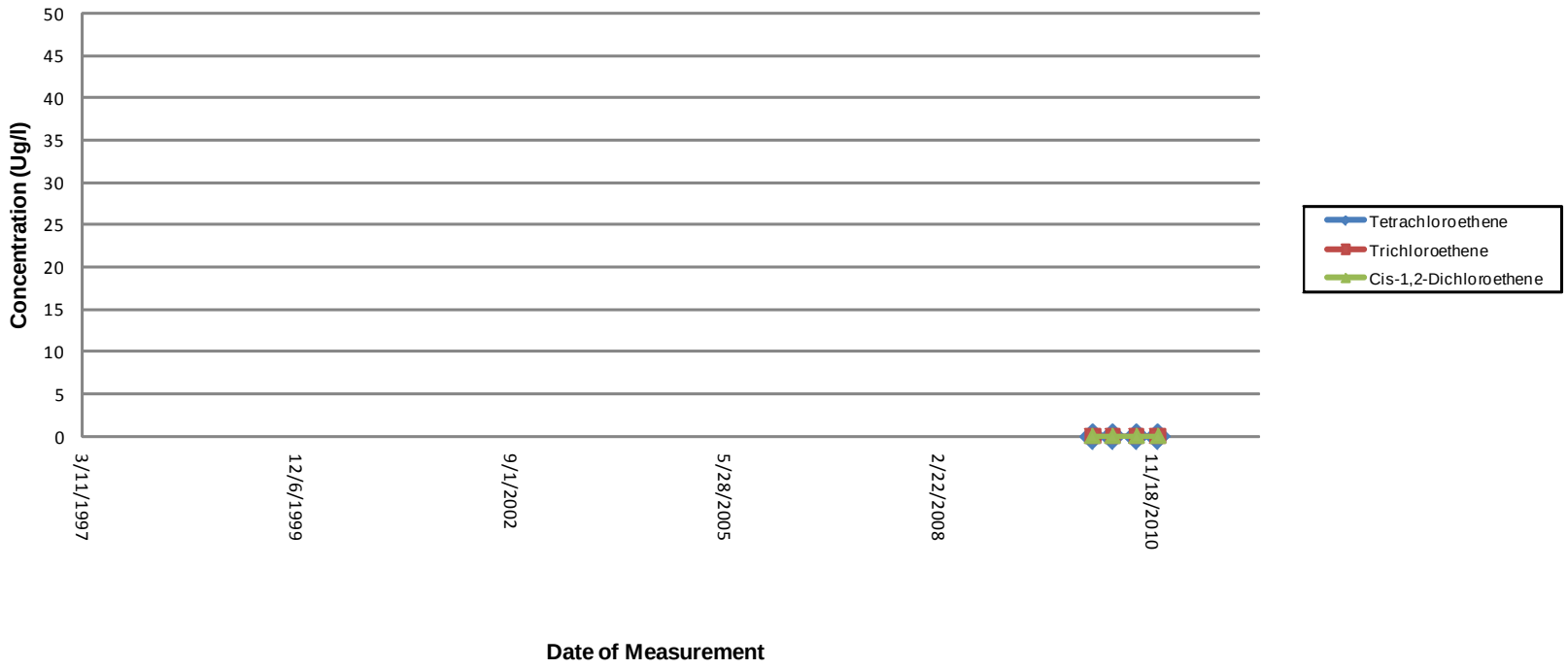
VOCs OVER TIME IN MW-7

CRENSHAW PARK
Cameo Cleaners

Project No.	Figure
09002001	20



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VOCs OVER TIME IN MW-8

CRENSHAW PARK
Cameo Cleaners

Project No. 09002001

Figure 21

Tables

Table 1 *Well Construction Details*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Location	Date Installed	Total Depth of Boring (feet)	Top of Screen/Sand Interval (feet)	Bottom of Screen/Sand Interval (feet)	Fine Grained Interval (feet)
VEW-1	2/22/2010	8.8	2.5	8.5	1.0 to 6.5
VEW-2	2/22/2010	8.5	3.0	8.0	3.0 to 6.75
VEW-3	2/22/2010	8.75	5.0	8.5	3.0 to 6.5 and 8.5
VEW-4	2/22/2010	8.8	1.4	8.5	3.0 to 6.5 and 8.5
VEW-5	2/22/2010	9.0	5.9	8.25	2.0 to 6.0 and 8.75
VEW-6	2/22/2010	8.8	1.7	8.5	3.0 to 6.5

Table 2 *Volatile Organic Compounds in Vapor Samples*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	PCE (ppmv)	Other VOCs*
Influent	3/2/2010	54.9	ND
Effluent	3/2/2010	0.25	ND
Influent	4/2/2010	5.15	ND
Effluent	4/2/2010	ND	ND
Influent	5/7/2010	5.06	ND
Effluent	5/7/2010	ND	ND
Influent	6/4/2010	17.70	ND
Effluent	6/4/2010	0.958	ND
Influent	7/2/2010	5.78	ND
Effluent	7/2/2010	0.12	ND
Influent	7/30/2010	5.63	ND
Effluent	7/30/2010	ND	ND
Influent	8/31/2010	11.50	ND
Effluent	8/31/2010	ND	ND
Influent	9/27/2010	5.54	ND
Effluent	9/27/2010	ND	ND
Influent	10/29/2010	3.75	ND
Effluent	10/29/2010	ND	ND
Influent	12/3/2010	6.86	ND
Effluent	12/3/2010	ND	ND
Influent	12/31/2010	4.89	ND
Effluent	12/31/2010	ND	ND

Notes:

PCE = tetrachloroethene.

ppmv = Parts per million by volume.

* = Detection limits are between 0.08 and 3.9 ppmv depending on the compound analyzed.

Table 3 *Vapor Extraction Influent/Effluent Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Temperature (Fahrenheit)	Measured Flow Rate (SCFM)	Adjusted Flow Rate (SCFM)	Clock Time (hours between measurements)	Clock Time (cumulative hours)	Clock Time (cumulative days)	lbs of Air (per hour)	lbs of Air	lbs of air (cumulative)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Mass Removed Between Measuring Dates (lbs)	Mass Removed Per Day Over Period	Cumulative Mass Removed (lbs)
	3/1/2010																
Influent	3/1/2010	75	82.00	82.00	1.23	1.23	0.05	369.00	453.87	453.87	667	88.711	613.58	0.0005	0.2305	NA	0.2305
Influent	3/1/2010	82	82.00	82.00	1.00	2.23	0.09	369.00	369.00	822.87	61.1	8.1263	56.21	0.0000	0.0172	NA	0.2476
Influent	3/1/2010	86	60.00	60.00	2.00	4.23	0.18	270.00	540.00	1362.87	246.8	32.8244	227.04	0.0002	0.1015	NA	0.3491
Influent	3/1/2010	77	60.00	60.00	2.00	6.23	0.26	270.00	540.00	1902.87	294.6	39.1818	271.01	0.0002	0.1211	NA	0.4702
Influent	3/1/2010	71	60.00	60.00	16.75	22.98	0.96	270.00	4522.50	6425.37	310.7	41.3231	285.82	0.0002	1.0697	1.5400	1.5400
Influent	3/2/2010	68	84.00	84.00	0.28	23.26	0.97	378.00	105.84	6531.21	258	34.314	237.34	0.0002	0.0208	NA	1.5607
Influent	3/2/2010	76	82.00	82.00	1.13	24.39	1.02	369.00	416.97	6948.18	350	46.55	321.97	0.0003	0.1111	NA	1.6719
Influent	3/2/2010	79	82.00	82.00	0.13	24.52	1.02	369.00	47.97	6996.15	405	53.865	372.57	0.0003	0.0148	NA	1.6866
Influent	3/2/2010	82	82.00	82.00	1.25	25.77	1.07	369.00	461.25	7457.40	331	44.023	304.49	0.0003	0.1162	NA	1.8029
Influent	3/2/2010	86	82.00	82.00	19.73	45.50	1.90	369.00	7280.37	14737.77	294	39.102	270.46	0.0002	1.6295	NA	3.4324
Influent	3/3/2010	63	80.00	80.00	5.00	50.50	2.10	360.00	1800.00	16537.77	560.00	74.48	515.15	0.0004	0.7674	NA	4.1998
Influent	3/3/2010	80	81.00	81.00	17.00	67.50	2.81	364.50	6196.50	22734.27	325.00	43.225	298.97	0.0002	1.5332	4.1930	5.7330
Influent	3/4/2010	86	55.00	55.00	0.63	68.13	2.84	247.50	155.93	22890.20	2025.00	269.325	1862.83	0.0015	0.2404	NA	5.9734
Influent	3/4/2010	86	60.00	60.00	3.00	71.13	2.96	270.00	810.00	23700.20	1821.00	242.193	1675.17	0.0014	1.1229	NA	7.0963
Influent	3/4/2010	86	38.00	38.00	20.00	91.13	3.80	171.00	3420.00	27120.20	3525.00	468.825	3242.71	0.0027	9.1780	10.5413	16.2743
Influent	3/5/2010	80	82.00	82.00	2.45	93.58	3.90	369.00	904.05	28024.25	936.00	124.488	861.04	0.0007	0.6442	NA	16.9185
Influent	3/5/2010	80	77.00	77.00	1.45	95.03	3.96	346.50	502.43	28526.67	990.00	131.67	910.72	0.0008	0.3787	NA	17.2972
Influent	3/5/2010	90	76.00	76.00	20.42	115.45	4.81	342.00	6983.64	35510.31	972.00	129.276	894.16	0.0007	5.1678	6.1907	22.4650
Influent	3/6/2010	67	82.00	82.00	1.00	116.45	4.85	369.00	369.00	35879.31	701.00	93.233	644.86	0.0005	0.1969	NA	22.6619
Influent	3/6/2010	65	78.00	78.00	25.38	141.83	5.91	351.00	8908.38	44787.69	708.00	94.164	651.30	0.0005	4.8017	4.9986	27.4636
Influent	3/7/2010	86	76.00	76.00	97.03	238.86	9.95	342.00	33184.26	77971.95	552.00	73.416	507.79	0.0004	13.9455	3.4864	41.4091
Influent	3/11/2010	90	86.00	86.00	97.48	336.34	14.01	387.00	37724.76	115696.71	79.20	10.5336	72.86	0.0001	2.2746	0.5687	43.6837
Influent	3/15/2010	100	82.00	82.00	97.00	433.34	18.06	369.00	35793.00	151489.71	82.60	10.9858	75.99	0.0001	2.2508	0.5627	45.9346
Influent	3/19/2010	92	89.00	89.00	99.00	532.34	22.18	400.50	39649.50	191139.21	63.50	8.4455	58.41	0.0000	1.9168	0.2738	47.8513
Influent	3/26/2010	71	86.00	86.00	163.00	695.34	28.97	387.00	63081.00	254220.21	47.30	6.2909	43.51	0.0000	2.2715	0.3245	50.1229
Influent	4/2/2010	64	82.00	82.00	168.00	863.34	35.97	369.00	61992.00	316212.21	47.30	6.2909	43.51	0.0000	2.2323	0.3189	52.3552
Influent	4/9/2010	75	82.00	82.00	168.00	1031.34	42.97	369.00	61992.00	378204.21	46.70	6.2111	42.96	0.0000	2.2040	0.3149	54.5592
Influent	4/16/2010	76	82.00	82.00	168.00	1199.34	49.97	369.00	61992.00	440196.21	47.40	6.3042	43.60	0.0000	2.2371	0.3196	56.7963
Influent	4/23/2010	95	80.00	80.00	168.00	1367.34	56.97	360.00	60480.00	500676.21	47.80	6.3574	43.97	0.0000	2.2009	0.3144	58.9972
Influent	4/30/2010	101	80.00	80.00	168.00	1535.34	63.97	360.00	60480.00	561156.21	47.30	6.2909	43.51	0.0000	2.1779	0.3111	61.1751
Influent	5/7/2010	73	82.00	82.00	84.00	1619.34	67.47	369.00	30996.00	592152.21	47.60	6.3308	43.79	0.0000	1.1232	0.3744	62.2983
Influent	5/14/2010	100	80.00	80.00	168.00	1787.34	74.47	360.00	60480.00	652632.21	45.30	6.0249	41.67	0.0000	2.0858	0.2980	64.3841
Influent	5/21/2010	79	81.00	81.00	168.00	1955.34	81.47	364.50	61236.00	713868.21	47.20	6.2776	43.42	0.0000	2.2004	0.3143	66.5846
Influent	5/28/2010	68	82.00	82.00	168.00	2123.34	88.47	369.00	61992.00	775860.21	46.80	6.2244	43.05	0.0000	2.2087	0.3155	68.7933
Influent	6/4/2010	79	81.00	81.00	168.00	2291.34	95.47	364.50	61236.00	837096.21	48.10	6.3973	44.25	0.0000	2.2424	0.3203	71.0357
Influent	6/11/2010	77	82.00	82.00	168.00	2459.34	102.47	369.00	61992.00	899088.21	48.60	6.4638	44.71	0.0000	2.2937	0.3277	73.3294
Influent	6/18/2010	72	88.00	88.00	167.00	2626.34	109.43	396.00	66132.00	965220.21	46.90	6.2377	43.14	0.0000	2.3613	0.3373	75.6906
Influent	6/25/2010	85	80.00	80.00	167.00	2793.34	116.39	360.00	60120.00	1025340.21	47.20	6.2776	43.42	0.0000	2.1603	0.3086	77.8510
Influent	7/2/2010	83	86.00	86.00	167.00	2960.34	123.35	387.00	64629.00	1089969.21	47.60	6.3308	43.79	0.0000	2.3420	0.3346	80.1930
Influent	7/9/2010	84	85.00	85.00	167.00	3127.34	130.31	382.50	63877.50	1153846.71	46.20	6.1446	42.50	0.0000	2.2467	0.3210	82.4398
Influent	7/16/2010	140	86.00	86.00	168.00	3295.34	137.31	387.00	65016.00	1218862.71	47.60	6.3308	43.79	0.0000	2.3561	0.3366	84.7958
Influent	7/23/2010	84	89.00	89.00	168.00	3463.34	144.31	400.50	67284.00	1286146.71	45.30	6.0249	41.67	0.0000	2.3204	0.3315	87.1163
Influent	7/30/2010	101	84.00	84.00	168.00	3631.34	151.31	378.00	63504.00	1349650.71	48.60	6.4638	44.71	0.0000	2.3496	0.3357	89.4659
Influent	8/6/2010	70	86.00	86.00	168.00	3799.34	158.31	387.00	65016.00	1414666.71	44.30	5.8919	40.75	0.0000	2.1927	0.3132	91.6587
Influent	8/13/2010	106	86.00	86.00	168.00	3967.34	165.31	387.00	65016.00	1479682.71	48.50	6.4505	44.62	0.0000	2.4006	0.3429	94.0593
Influent	8/20/2010	111	88.00	88.00	168.00	4135.34	172.31	396.00	66528.00	1546210.71	46.20	6.1446	42.50	0.0000	2.3400	0.3343	96.3992
Influent	8/24/2010	103	80.00	80.00	96.00	4231.34	176.31	360.00	34560.00	1580770.71	90.20	11.9966	82.98	0.0001	2.3732	0.5933	98.7725
Influent	8/27/2010	91	80.00	80.00	72.00	4303.34	179.31	360.00	25920.00	1606690.71	91.40	12.1562	84.08	0.0001	1.8036	0.6012	100.5761
Influent	8/31/2010	109	80.00	80.00	99.00	4402.34	183.43	360.00	35640.00	1642330.71	82.40	10.9592	75.80	0.0001	2.2358	0.5589	102.8119
Influent	9/3/2010	71	77.00	77.00	72.00	4474.34	186.43	346.50	24948.00	1667278.71	72.00	9.576	66.23	0.0001	1.3675	0.4558	104.1794
Influent	9/7/2010	79	77.00	77.00	96.00	4570.34	190.43	346.50	33264.00	1700542.71	74.20	9.8686	68.26	0.0001	1.8791	0.4698	106.0584
Influent	9/10/2010	105	75.00	75.00	72.00	4642.34	193.43	337.50	24300.00	1724842.71	71.50	9.5095	65.77	0.0001	1.3227	0.4409	107.3812
Influent	9/14/2010	107	75.00	75.00	96.00	4738.34	197.43	337.50	32400.00	1757242.71	65.10	8.6583	59.89	0.0000	1.6058	0.4014	108.9869
Influent	9/17/2010	67	78.00	78.00	72.00	4810.34	200.43	351.00	25272.00	1782514.71	63.50	8.4455	58.41	0.0000	1.2217	0.4072	110.2087
Influent	9/21/2010	75	61.00	61.00	96.00	4906.34	204.43	274.50	26352.00	1808866.71	108.00	14.364	99.35	0.0001	2.1667	0.5417	112.3754
Influent	9/24/2010	96	65.00	65.00	72.00	4978.34	207.43	292.50	21060.00	1829926.71	45.20	6.0116	41.58	0.0000	0.7247	0.2416	113.1001
Influent	10/1/2010	95	80.00	80.00	168.00	5146.34	214.43	360.00	60480.00	1890406.71	37.80	5.0274	34.77	0.0000	1.7405	0.2486	114.8405
Influent	10/8/2010	74	61.00	61.00	168.00	5314.34	221.43	274.50	46116.00	1936522.71	41.60	5.5328	38.27	0.0000	1.4605	0.2086	116.3011
Influent	10/15/2010	73	61.00	61.00	168.00	5482.34	228.43	274.50	46116.00	1982638.71	48.30	6.4239	44.43	0.0000	1.6957	0.2422	117.9968
Influent	10/22/2010	72	61.00	61.00	168.00	5650.34	235.43	274.50	46116.00	2028754.71	50.40	6.7032	46.36	0.0000	1.7695	0.2528	119.7663
Influent	10/29/2010	87	71.00	71.00	168.00	5818.34	242.43	319.50	53676.00	2082430.71	50.20	6.6766	46.18	0.0000	2.0514	0.2931	121.8177
Influent	11/5/2010	95	60.00	60.00	168.00	5986.34	249.43	270.00	45360.00	2127790.71	47.30	6.2909	43.51	0.0000	1.6334	0.2333	123.4511
Influent	11/12/2010	87	54.00	54.00	168.00	6154.34	256.43	243.00	40824.00	2168614.71	52.00	6.916	47.84	0.0000	1.6161	0.2309	125.0672
Influent	11/19/2010	70	61.00	61.00	168.00	6322.34	263.43	274.50	46116.00	2214730.71	46.80	6.2244	43.05	0.0000	1.6431	0.2347	126.7103
Influent	11/29/2010	71	67.00	67.00	240.00	6562.34	273.43	301.50	72360.00	2287090.71	31.90	4.2427	29.35	0.0000	1.7573	0.1757	128.4676
Influent	12/3/2010	70	64.00	64.00	96.00	6658.34	277.43	288.00	27648.00	2314738.71	54.40	7.2352	50.04	0.0000	1.1450	0.2863	129.6127
Influent	12/10/2010	76	64.00	64.00	168.00	6826.34	284.43	288.00	48384.00	2363122.71	56.20	7.4746	51.70	0.0000	2.0701	0.2957	131.6828
Influent	12/18/2010	63	64.00	64.00	192.00	7018.34	292.43	288.00	55296.00	2418418.71	58.90	7.8337	54.18	0.0000	2.4795	0.3099	134.1623
Influent	12/27/2010	65	61.00	61.00	216.00	7234.34	301.43	274.50	59292.00	2477710.71	55.40	7.3682	50.96	0.0000	2.5007	0.2779	136.6631
Effluent - 1st Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	1.824	12.62	NA	NA	NA	NA
Effluent - 1st Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.4	11.058	76.48	NA	NA	NA	NA
Effluent - 1st Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	0.684	4.73	NA	NA	NA	NA
Effluent - 1st Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7	1.539	10.64	NA	NA	NA	NA
Effluent - 1st Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.9	1.083	7.49	NA	NA	NA	NA
Effluent - 1st Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.5	1.995	13.80	NA	NA	NA	NA

Table 3 *Vapor Extraction Influent/Effluent Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Temperature (Fahrenheit)	Measured Flow Rate (SCFM)	Adjusted Flow Rate (SCFM)	Clock Time (hours between measurements)	Clock Time (cumulative hours)	Clock Time (cumulative days)	lbs of Air (per hour)	lbs of Air	lbs of air (cumulative)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Mass Removed Between Measuring Dates (lbs)	Mass Removed Per Day Over Period	Cumulative Mass Removed (lbs)
Effluent - 1st Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	2.907	20.11	NA	NA	NA	NA
Effluent - 1st Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.9	6.213	42.97	NA	NA	NA	NA
Effluent - 1st Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.7	3.819	26.41	NA	NA	NA	NA
Effluent - 1st Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.5	4.275	29.57	NA	NA	NA	NA
Effluent - 1st Unit	3/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.30	4.161	28.78	NA	NA	NA	NA
Effluent - 1st Unit	3/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.10	3.477	24.05	NA	NA	NA	NA
Effluent - 1st Unit	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.30	2.451	16.95	NA	NA	NA	NA
Effluent - 1st Unit	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.80	2.736	18.92	NA	NA	NA	NA
Effluent - 1st Unit	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.70	2.109	14.59	NA	NA	NA	NA
Effluent - 1st Unit	3/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.50	1.995	13.80	NA	NA	NA	NA
Effluent - 1st Unit	3/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.00	2.28	15.77	NA	NA	NA	NA
Effluent - 1st Unit	3/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.20	1.254	8.67	NA	NA	NA	NA
Effluent - 1st Unit	3/6/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.50	0.855	5.91	NA	NA	NA	NA
Effluent - 1st Unit	3/6/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.60	1.482	10.25	NA	NA	NA	NA
Effluent - 1st Unit	3/7/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.40	1.938	13.40	NA	NA	NA	NA
Effluent - 1st Unit	3/11/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.40	1.938	13.40	NA	NA	NA	NA
Effluent - 1st Unit	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.80	5.586	38.64	NA	NA	NA	NA
Effluent - 1st Unit	3/19/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.80	3.306	22.87	NA	NA	NA	NA
Effluent - 1st Unit	3/26/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.30	2.451	16.95	NA	NA	NA	NA
Effluent - 1st Unit	4/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.60	2.052	14.19	NA	NA	NA	NA
Effluent - 1st Unit	4/9/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.90	2.223	15.38	NA	NA	NA	NA
Effluent - 1st Unit	4/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.60	0.342	2.37	NA	NA	NA	NA
Effluent - 1st Unit	4/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.60	0.342	2.37	NA	NA	NA	NA
Effluent - 1st Unit	4/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.40	0.228	1.58	NA	NA	NA	NA
Effluent - 1st Unit	5/7/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.90	0.513	3.55	NA	NA	NA	NA
Effluent - 1st Unit	5/14/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40	0.798	5.52	NA	NA	NA	NA
Effluent - 1st Unit	5/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40	0.798	5.52	NA	NA	NA	NA
Effluent - 1st Unit	5/28/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.20	0.684	4.73	NA	NA	NA	NA
Effluent- 1st-Unit	6/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.60	2.052	14.19	NA	NA	NA	NA
Effluent- 1st-Unit	6/11/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.20	3.534	24.44	NA	NA	NA	NA
Effluent- 1st-Unit	6/18/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.80	1.026	7.10	NA	NA	NA	NA
Effluent- 1st-Unit	6/25/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.30	0.171	1.18	NA	NA	NA	NA
Effluent- 1st-Unit	7/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.80	0.456	3.15	NA	NA	NA	NA
Effluent- 1st-Unit	7/9/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.70	0.399	2.76	NA	NA	NA	NA
Effluent- 1st-Unit	7/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.90	0.513	3.55	NA	NA	NA	NA
Effluent- 1st-Unit	7/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.10	0.627	4.34	NA	NA	NA	NA
Effluent- 1st-Unit	7/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.10	6.327	43.76	NA	NA	NA	NA
Effluent- 1st-Unit	8/6/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.40	1.938	13.40	NA	NA	NA	NA
Effluent- 1st-Unit	8/13/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.40	1.938	13.40	NA	NA	NA	NA
Effluent- 1st-Unit	8/20/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.70	2.679	18.53	NA	NA	NA	NA
Effluent- 1st-Unit	8/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.40	4.788	33.12	NA	NA	NA	NA
Effluent- 1st-Unit	8/27/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.40	3.648	25.23	NA	NA	NA	NA
Effluent- 1st-Unit	8/31/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.10	4.047	27.99	NA	NA	NA	NA
Effluent- 1st-Unit	9/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.30	4.731	32.72	NA	NA	NA	NA
Effluent- 1st-Unit	9/7/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	9/10/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.50	0.855	5.91	NA	NA	NA	NA
Effluent- 1st-Unit	9/14/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.10	1.197	8.28	NA	NA	NA	NA
Effluent- 1st-Unit	9/17/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.90	1.083	7.49	NA	NA	NA	NA
Effluent- 1st-Unit	9/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	9/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	10/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	10/8/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	10/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	10/22/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	10/29/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.30	1.311	9.07	NA	NA	NA	NA
Effluent- 1st-Unit	11/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.10	0.627	4.34	NA	NA	NA	NA
Effluent- 1st-Unit	11/12/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0	0.00	NA	NA	NA	NA
Effluent- 1st-Unit	11/19/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.10	0.627	4.34	NA	NA	NA	NA
Effluent- 1st-Unit	11/29/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.10	4.047	27.99	NA	NA	NA	NA
Effluent- 1st-Unit	12/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.10	1.197	8.28	NA	NA	NA	NA
Effluent- 1st-Unit	12/10/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.60	2.052	14.19	NA	NA	NA	NA
Effluent- 1st-Unit	12/18/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.10	3.477	24.05	NA	NA	NA	NA
Effluent- 1st-Unit	12/27/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.10	4.047	27.99	NA	NA	NA	NA
Effluent - 2nd Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	0.684	4.73	NA	NA	NA	NA
Effluent - 2nd Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.8	0.456	3.15	NA	NA	NA	NA
Effluent - 2nd Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.9	0.513	3.55	NA	NA	NA	NA
Effluent - 2nd Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	0.057	0.39	NA	NA	NA	NA
Effluent - 2nd Unit	3/1/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3	0.171	1.18	NA	NA	NA	NA
Effluent - 2nd Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	0.627	4.34	NA	NA	NA	NA
Effluent - 2nd Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.9	0.513	3.55	NA	NA	NA	NA
Effluent - 2nd Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	0.741	5.13	NA	NA	NA	NA
Effluent - 2nd Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	0.57	3.94	NA	NA	NA	NA
Effluent - 2nd Unit	3/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.6	0.342	2.37	NA	NA	NA	NA
Effluent - 2nd Unit	3/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.10	0.627	4.34	NA	NA	NA	NA
Effluent - 2nd Unit	3/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.30	0.741	5.13	NA	NA	NA	NA
Effluent - 2nd Unit	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.10	0.627	4.34	NA	NA	NA	NA

Table 3 *Vapor Extraction Influent/Effluent Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Temperature (Fahrenheit)	Measured Flow Rate (SCFM)	Adjusted Flow Rate (SCFM)	Clock Time (hours between measurements)	Clock Time (cumulative hours)	Clock Time (cumulative days)	lbs of Air (per hour)	lbs of Air	lbs of air (cumulative)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Mass Removed Between Measuring Dates (lbs)	Mass Removed Per Day Over Period	Cumulative Mass Removed (lbs)
Effluent - 2nd Unit	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.00	0.57	3.94	NA	NA	NA	NA
Effluent - 2nd Unit	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.30	0.171	1.18	NA	NA	NA	NA
Effluent - 2nd Unit	3/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.80	0.456	3.15	NA	NA	NA	NA
Effluent - 2nd Unit	3/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.30	0.741	5.13	NA	NA	NA	NA
Effluent - 2nd Unit	3/5/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.70	0.399	2.76	NA	NA	NA	NA
Effluent - 2nd Unit	3/6/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.50	0.285	1.97	NA	NA	NA	NA
Effluent - 2nd Unit	3/6/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.40	0.228	1.58	NA	NA	NA	NA
Effluent - 2nd Unit	3/7/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.60	0.912	6.31	NA	NA	NA	NA
Effluent - 2nd Unit	3/11/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.20	0.684	4.73	NA	NA	NA	NA
Effluent - 2nd Unit	3/15/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.20	2.964	20.50	NA	NA	NA	NA
Effluent - 2nd Unit	3/19/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.20	2.394	16.56	NA	NA	NA	NA
Effluent - 2nd Unit	3/26/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.30	1.31	9.07	NA	NA	NA	NA
Effluent - 2nd Unit	4/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.10	1.20	8.28	NA	NA	NA	NA
Effluent - 2nd Unit	4/9/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.80	1.60	11.04	NA	NA	NA	NA
Effluent - 2nd Unit	4/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00	0.00	0.00	NA	NA	NA	NA
Effluent - 2nd Unit	4/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	0.06	0.39	NA	NA	NA	NA
Effluent - 2nd Unit	4/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	0.06	0.39	NA	NA	NA	NA
Effluent - 2nd Unit	5/7/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.80	0.46	3.15	NA	NA	NA	NA
Effluent - 2nd Unit	5/14/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.80	0.46	3.15	NA	NA	NA	NA
Effluent - 2nd Unit	5/21/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20	0.11	0.79	NA	NA	NA	NA
Effluent - 2nd Unit	5/28/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20	0.11	0.79	NA	NA	NA	NA
Effluent - 2nd Unit	6/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40	0.80	5.52	NA	NA	NA	NA
Effluent - 2nd Unit	6/11/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.80	1.03	7.10	NA	NA	NA	NA
Effluent - 2nd Unit	6/18/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.70	0.97	6.70	NA	NA	NA	NA
Effluent - 2nd Unit	6/25/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.80	0.46	3.15	NA	NA	NA	NA
Effluent - 2nd Unit	7/2/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.80	1.03	7.10	NA	NA	NA	NA
Effluent - 2nd Unit	7/9/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.90	1.65	11.43	NA	NA	NA	NA
Effluent - 2nd Unit	7/16/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.40	1.37	9.46	NA	NA	NA	NA
Effluent - 2nd Unit	7/23/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.90	1.65	11.43	NA	NA	NA	NA
Effluent - 2nd Unit	7/30/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.50	2.00	13.80	NA	NA	NA	NA
Effluent - 2nd Unit	8/6/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.70	1.54	10.64	NA	NA	NA	NA
Effluent - 2nd Unit	8/13/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.10	1.77	12.22	NA	NA	NA	NA
Effluent - 2nd Unit	8/20/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.90	2.79	19.32	NA	NA	NA	NA
Effluent - 2nd Unit	8/24/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.30	3.59	24.84	NA	NA	NA	NA
Effluent - 2nd Unit	8/27/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.40	2.51	17.35	NA	NA	NA	NA

Key:
PCE = tetrachloroethene

Note:
1) An adjustment of 0.133 was applied to the field readings, which were collected with a PPBRae, with a 10.6 volt bulb, calibrated to hexane.
2) The system was assumed to be down for 3.5 of the seven days between April 30, 2010 and May 7, 2010, as it was not operating upon arrival at the Site on May 7, 2010.

Table 4 *Vapor Extraction Well Field Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Measured Flow Rate (FPM)	lbs of Air (per hour)	lbs of Air (per day)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Weight Fraction x Daily Air Flow	Fraction of Mass Removed Per Well Per Day	Mass Removed Per Well Per Day**
VEW-1	3/2/2010	1756.00	7902.00	189648.00	572.00	76.076	526.19	0.0004	82.5859	0.1408	0.2168
VEW-2	3/2/2010	850.00	3825.00	91800.00	2175.00	289.275	2000.82	0.0017	152.0070	0.2592	0.3991
VEW-3	3/2/2010	842.00	3789.00	90936.00	4400.00	585.2	4047.63	0.0033	304.6143	0.5193	0.7998
VEW-4	3/2/2010	621.00	2794.50	67068.00	530.00	70.49	487.56	0.0004	27.0616	0.0461	0.0711
VEW-5	3/2/2010	1625.00	7312.50	175500.00	95.70	12.7281	88.04	0.0001	12.7865	0.0218	0.0336
VEW-6	3/2/2010	1491.00	6709.50	161028.00	61.00	8.113	56.11	0.0000	7.4781	0.0127	0.0196
VEW-1	3/3/2010	1.00	4.50	108.00	572.00	1.00	6.92	0.0000	0.0006	0.0000	0.0001
VEW-2	3/3/2010	2.00	9.00	216.00	2175.00	2.00	13.83	0.0000	0.0025	0.0000	0.0001
VEW-3	3/3/2010	2718.00	12231.00	293544.00	4400.00	2718.00	18799.50	0.0156	4567.0183	1.0000	4.1930
VEW-4	3/3/2010	0.00	0.00	0.00	530.00	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-5	3/3/2010	0.00	0.00	0.00	95.70	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-6	3/3/2010	0.00	0.00	0.00	61.00	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-1	3/4/2010	4.00	18.00	432.00	572.00	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-2	3/4/2010	16.00	72.00	1728.00	2175.00	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-3	3/4/2010	3135.00	14107.50	338580.00	4400.00	3525.00	24381.25	0.0202	6831.7271	1.0000	10.5413
VEW-4	3/4/2010	1.00	4.50	108.00	530.00	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-5	3/4/2010	3.00	13.50	324.00	95.70	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-6	3/4/2010	1.00	4.50	108.00	61.00	0.00	0.00	0.0000	0.0000	0.0000	0.0001
VEW-1	3/5/2010	1429.00	6430.50	154332.00	551.00	73.283	506.87	0.0004	64.7395	0.0590	0.3654
VEW-2	3/5/2010	1181.00	5314.50	127548.00	1747.00	232.351	1607.09	0.0013	169.6400	0.1547	0.9575
VEW-3	3/5/2010	1744.00	7848.00	188352.00	4940.00	657.02	4544.39	0.0038	708.3680	0.6459	3.9984
VEW-4	3/5/2010	1337.00	6016.50	144396.00	835.00	111.055	768.13	0.0006	91.7917	0.0837	0.5181
VEW-5	3/5/2010	2102.00	9459.00	227016.00	305.00	40.565	280.57	0.0002	52.7130	0.0481	0.2975
VEW-6	3/5/2010	1114.00	5013.00	120312.00	104.00	13.832	95.67	0.0001	9.5259	0.0087	0.0538
VEW-1	3/6/2010	1429.00	6430.50	154332.00	551.00	73.283	506.87	0.0004	64.7395	0.0590	0.2951
VEW-2	3/6/2010	1181.00	5314.50	127548.00	1747.00	232.351	1607.09	0.0013	169.6400	0.1547	0.7731
VEW-3	3/6/2010	1744.00	7848.00	188352.00	4940.00	657.02	4544.39	0.0038	708.3680	0.6459	3.2284
VEW-4	3/6/2010	1337.00	6016.50	144396.00	835.00	111.055	768.13	0.0006	91.7917	0.0837	0.4183
VEW-5	3/6/2010	2102.00	9459.00	227016.00	305.00	40.565	280.57	0.0002	52.7130	0.0481	0.2402
VEW-6	3/6/2010	1114.00	5013.00	120312.00	104.00	13.832	95.67	0.0001	9.5259	0.0087	0.0434
VEW-1	3/7/2010	1429.00	6430.50	154332.00	551.00	73.283	506.87	0.0004	64.7395	0.0590	0.2058
VEW-2	3/7/2010	1181.00	5314.50	127548.00	1747.00	232.351	1607.09	0.0013	169.6400	0.1547	0.5392
VEW-3	3/7/2010	1744.00	7848.00	188352.00	4940.00	657.02	4544.39	0.0038	708.3680	0.6459	2.2517
VEW-4	3/7/2010	1337.00	6016.50	144396.00	835.00	111.055	768.13	0.0006	91.7917	0.0837	0.2918
VEW-5	3/7/2010	2102.00	9459.00	227016.00	305.00	40.565	280.57	0.0002	52.7130	0.0481	0.1676
VEW-6	3/7/2010	1114.00	5013.00	120312.00	104.00	13.832	95.67	0.0001	9.5259	0.0087	0.0303
VEW-1	3/11/2010	1429.00	6430.50	154332.00	242.00	32.186	222.62	0.0002	28.4337	0.0743	0.0423
VEW-2	3/11/2010	1181.00	5314.50	127548.00	785.00	104.405	722.13	0.0006	76.2263	0.1992	0.1133
VEW-3	3/11/2010	1744.00	7848.00	188352.00	1776.00	236.208	1633.77	0.0014	254.6683	0.6656	0.3785
VEW-4	3/11/2010	1337.00	6016.50	144396.00	152.00	20.216	139.83	0.0001	16.7094	0.0437	0.0248
VEW-5	3/11/2010	2102.00	9459.00	227016.00	29.10	3.8703	26.77	0.0000	5.0293	0.0131	0.0001
VEW-6	3/11/2010	1114.00	5013.00	120312.00	17.10	2.2743	15.73	0.0000	1.5663	0.0041	0.0023
VEW-1	3/15/2010	488.00	2196.00	52704.00	227.00	30.191	208.82	0.0002	9.1082	0.0849	0.0478
VEW-2	3/15/2010	503.00	2263.50	54324.00	645.00	85.785	593.35	0.0005	26.6755	0.2486	0.1399
VEW-3	3/15/2010	405.00	1822.50	43740.00	1791.00	238.203	1647.57	0.0014	59.6398	0.5559	0.3128
VEW-4	3/15/2010	482.00	2169.00	52056.00	230.00	30.59	211.58	0.0002	9.1151	0.0850	0.0478
VEW-5	3/15/2010	548.00	2466.00	59184.00	35.80	4.7614	32.93	0.0000	1.6131	0.0150	0.0085
VEW-6	3/15/2010	472.00	2124.00	50976.00	29.40	3.9102	27.05	0.0000	1.1410	0.0106	0.0001
VEW-1	3/19/2010	384.00	1728.00	41472.00	226.00	30.058	207.90	0.0002	7.1355	0.0868	0.0238
VEW-2	3/19/2010	232.00	1044.00	25056.00	709.00	94.297	652.22	0.0005	13.5245	0.1645	0.0450
VEW-3	3/19/2010	396.00	1782.00	42768.00	1649.00	219.317	1516.94	0.0013	53.6910	0.6529	0.1788
VEW-4	3/19/2010	341.00	1534.50	36828.00	228.00	30.324	209.74	0.0002	6.3926	0.0777	0.0213
VEW-5	3/19/2010	448.00	2016.00	48384.00	30.40	4.0432	27.97	0.0000	1.1198	0.0136	0.0037
VEW-6	3/19/2010	345.00	1552.50	37260.00	13.20	1.7556	12.14	0.0000	0.3744	0.0046	0.0012
VEW-1	3/26/2010	485.00	2182.50	52380.00	103.00	13.699	94.75	0.0001	4.1074	0.0500	0.0162
VEW-2	3/26/2010	398.00	1791.00	42984.00	486.00	64.638	447.08	0.0004	15.9039	0.1935	0.0628
VEW-3	3/26/2010	375.00	1687.50	40500.00	1701.00	226.233	1564.78	0.0013	52.4471	0.6382	0.2071
VEW-4	3/26/2010	451.00	2029.50	48708.00	208.00	27.664	191.34	0.0002	7.7130	0.0939	0.0305
VEW-5	3/26/2010	425.00	1912.50	45900.00	30.80	4.0964	28.33	0.0000	1.0763	0.0131	0.0042
VEW-6	3/26/2010	453.00	2038.50	48924.00	25.10	3.3383	23.09	0.0000	0.9349	0.0114	0.0037
VEW-1	4/2/2010	492.00	2214.00	53136.00	58.30	7.7539	53.63	0.0000	2.3584	0.0176	0.0056
VEW-2	4/2/2010	394.00	1773.00	42552.00	624.00	82.992	574.03	0.0005	20.2147	0.1506	0.0480
VEW-3	4/2/2010	742.00	3339.00	80136.00	1656.00	220.248	1523.38	0.0013	101.0299	0.7526	0.2400
VEW-4	4/2/2010	424.00	1908.00	45792.00	242.00	32.186	222.62	0.0002	8.4366	0.0628	0.0200
VEW-5	4/2/2010	368.00	1656.00	39744.00	25.80	3.4314	23.73	0.0000	0.7806	0.0058	0.0019
VEW-6	4/2/2010	560.00	2520.00	60480.00	30.80	4.0964	28.33	0.0000	1.4182	0.0106	0.0034
VEW-1	4/9/2010	482.00	2169.00	52056.00	60.10	7.9933	55.29	0.0000	2.3818	0.0147	0.0046
VEW-2	4/9/2010	442.00	1989.00	47736.00	425.00	56.525	390.96	0.0003	15.4453	0.0956	0.0301
VEW-3	4/9/2010	1002.00	4509.00	108216.00	1462.00	194.446	1344.92	0.0011	120.4483	0.7455	0.2347

Table 4 *Vapor Extraction Well Field Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Measured Flow Rate (FPM)	lbs of Air (per hour)	lbs of Air (per day)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Weight Fraction x Daily Air Flow	Fraction of Mass Removed Per Well Per Day	Mass Removed Per Well Per Day**
VEW-4	4/9/2010	1121.00	5044.50	121068.00	228.00	30.324	209.74	0.0002	21.0148	0.1301	0.0410
VEW-5	4/9/2010	553.00	2488.50	59724.00	26.20	3.4846	24.10	0.0000	1.1913	0.0074	0.0023
VEW-6	4/9/2010	463.00	2083.50	50004.00	28.30	3.7639	26.03	0.0000	1.0773	0.0067	0.0021
VEW-1	4/16/2010	519.00	2335.50	56052.00	72.00	9.576	66.23	0.0001	3.0725	0.0169	0.0054
VEW-2	4/16/2010	1231.00	5539.50	132948.00	578.00	76.874	531.71	0.0004	58.5021	0.3213	0.1027
VEW-3	4/16/2010	1008.00	4536.00	108864.00	1329.00	176.757	1222.57	0.0010	110.1466	0.6050	0.1933
VEW-4	4/16/2010	482.00	2169.00	52056.00	202.00	26.866	185.82	0.0002	8.0054	0.0440	0.0141
VEW-5	4/16/2010	621.00	2794.50	67068.00	22.30	2.9659	20.51	0.0000	1.1386	0.0063	0.0020
VEW-6	4/16/2010	510.00	2295.00	55080.00	28.70	3.8171	26.40	0.0000	1.2035	0.0066	0.0021
VEW-1	4/23/2010	538.00	2421.00	58104.00	89.30	11.8769	82.15	0.0001	3.9502	0.0184	0.0058
VEW-2	4/23/2010	1420.00	6390.00	153360.00	468.00	62.244	430.52	0.0004	54.6411	0.2550	0.0802
VEW-3	4/23/2010	1398.00	6291.00	150984.00	1269.00	168.777	1167.37	0.0010	145.8661	0.6808	0.2141
VEW-4	4/23/2010	563.00	2533.50	60804.00	167.00	22.211	153.63	0.0001	7.7305	0.0361	0.0113
VEW-5	4/23/2010	842.00	3789.00	90936.00	17.80	2.3674	16.37	0.0000	1.2323	0.0058	0.0018
VEW-6	4/23/2010	512.00	2304.00	55296.00	19.70	2.6201	18.12	0.0000	0.8293	0.0039	0.0012
VEW-1	4/30/2010	638.00	2871.00	68904.00	101.00	13.433	92.91	0.0001	5.2982	0.0389	0.0121
VEW-2	4/30/2010	542.00	2439.00	58536.00	375.00	49.875	344.97	0.0003	16.7115	0.1228	0.0382
VEW-3	4/30/2010	1124.00	5058.00	121392.00	1089.00	144.837	1001.79	0.0008	100.6421	0.7395	0.2301
VEW-4	4/30/2010	683.00	3073.50	73764.00	196.00	26.068	180.30	0.0001	11.0068	0.0809	0.0252
VEW-5	4/30/2010	599.00	2695.50	64692.00	24.70	3.2851	22.72	0.0000	1.2165	0.0089	0.0028
VEW-6	4/30/2010	730.00	3285.00	78840.00	20.30	2.6999	18.67	0.0000	1.2184	0.0090	0.0028
VEW-1	5/7/2010	651.00	2929.50	70308.00	91.50	12.1695	84.17	0.0001	4.8976	0.0402	0.0151
VEW-2	5/7/2010	785.00	3532.50	84780.00	409.00	54.397	376.25	0.0003	26.3985	0.2168	0.0812
VEW-3	5/7/2010	875.00	3937.50	94500.00	1063.00	141.379	977.87	0.0008	76.4763	0.6282	0.2352
VEW-4	5/7/2010	628.00	2826.00	67824.00	219.00	29.127	201.46	0.0002	11.3081	0.0929	0.0348
VEW-5	5/7/2010	562.00	2529.00	60696.00	32.80	4.3624	30.17	0.0000	1.5156	0.0125	0.0047
VEW-6	5/7/2010	642.00	2889.00	69336.00	21.60	2.8728	19.87	0.0000	1.1402	0.0094	0.0035
VEW-1	5/14/2010	463.00	2083.50	50004.00	104.00	13.832	95.67	0.0001	3.9591	0.0302	0.0090
VEW-2	5/14/2010	651.00	2929.50	70308.00	408.00	54.264	375.33	0.0003	21.8387	0.1668	0.0497
VEW-3	5/14/2010	949.00	4270.50	102492.00	1226.00	163.058	1127.82	0.0009	95.6626	0.7306	0.2177
VEW-4	5/14/2010	543.00	2443.50	58644.00	148.00	19.684	136.15	0.0001	6.6077	0.0505	0.0150
VEW-5	5/14/2010	620.00	2790.00	66960.00	28.20	3.7506	25.94	0.0000	1.4376	0.0110	0.0033
VEW-6	5/14/2010	831.00	3739.50	89748.00	20.90	2.7797	19.23	0.0000	1.4280	0.0109	0.0032
VEW-1	5/21/2010	1124.00	5058.00	121392.00	134.00	17.822	123.27	0.0001	12.3839	0.1068	0.0336
VEW-2	5/21/2010	562.00	2529.00	60696.00	394.00	52.402	362.45	0.0003	18.2061	0.1571	0.0494
VEW-3	5/21/2010	937.00	4216.50	101196.00	962.00	127.946	884.96	0.0007	74.1140	0.6394	0.2010
VEW-4	5/21/2010	598.00	2691.00	64584.00	133.00	17.689	122.35	0.0001	6.5394	0.0564	0.0177
VEW-5	5/21/2010	1016.00	4572.00	109728.00	34.20	4.5486	31.46	0.0000	2.8570	0.0250	0.0079
VEW-6	5/21/2010	983.00	4423.50	106164.00	22.30	2.9659	20.51	0.0000	1.8024	0.0157	0.0049
VEW-1	5/28/2010	1234.00	5553.00	133272.00	107.00	14.231	98.43	0.0001	10.8564	0.0881	0.0278
VEW-2	5/28/2010	555.00	2497.50	59940.00	413.00	54.929	379.93	0.0003	18.8464	0.1530	0.0483
VEW-3	5/28/2010	898.00	4041.00	96984.00	1127.00	149.891	1036.75	0.0009	83.2120	0.6754	0.2131
VEW-4	5/28/2010	572.00	2574.00	61776.00	129.00	17.157	118.67	0.0001	6.0670	0.0492	0.0155
VEW-5	5/28/2010	981.00	4414.50	105948.00	29.60	3.9368	27.23	0.0000	2.3875	0.0194	0.0061
VEW-6	5/28/2010	992.00	4464.00	107136.00	22.40	2.9792	20.61	0.0000	1.8270	0.0148	0.0047
VEW-1	6/4/2010	793.00	3568.50	85644.00	99.00	13.167	91.07	0.0001	6.4550	0.0564	0.0181
VEW-2	6/4/2010	832.00	3744.00	89856.00	396.00	52.668	364.29	0.0003	27.0897	0.2368	0.0759
VEW-3	6/4/2010	810.00	3645.00	87480.00	998.00	132.734	918.08	0.0008	66.4662	0.5810	0.1861
VEW-4	6/4/2010	1031.00	4639.50	111348.00	124.00	16.492	114.07	0.0001	10.5115	0.0919	0.0294
VEW-5	6/4/2010	941.00	4234.50	101628.00	28.20	3.7506	25.94	0.0000	2.1818	0.0191	0.0061
VEW-6	6/4/2010	892.00	4014.00	96336.00	23.10	3.0723	21.25	0.0000	1.6942	0.0148	0.0047
VEW-1	6/11/2010	705.00	3172.50	76140.00	71.50	9.5095	65.77	0.0001	4.1446	0.0347	0.0114
VEW-2	6/11/2010	738.00	3321.00	79704.00	382.00	50.806	351.41	0.0003	23.1796	0.1940	0.0636
VEW-3	6/11/2010	862.00	3879.00	93096.00	1046.00	139.118	962.23	0.0008	74.1352	0.6204	0.2033
VEW-4	6/11/2010	891.00	4009.50	96228.00	211.00	28.063	194.10	0.0002	15.4577	0.1294	0.0424
VEW-5	6/11/2010	635.00	2857.50	68580.00	27.60	3.6708	25.39	0.0000	1.4410	0.0121	0.0040
VEW-6	6/11/2010	751.00	3379.50	81108.00	18.50	2.4605	17.02	0.0000	1.1423	0.0096	0.0031
VEW-1	6/18/2010	540.00	2430.00	58320.00	63.00	8.379	57.95	0.0000	2.7972	0.0213	0.0072
VEW-2	6/18/2010	689.00	3100.50	74412.00	406.00	53.998	373.49	0.0003	23.0002	0.1753	0.0591
VEW-3	6/18/2010	1310.00	5895.00	141480.00	825.00	109.725	758.93	0.0006	88.8609	0.6775	0.2285
VEW-4	6/18/2010	1208.00	5436.00	130464.00	146.00	19.418	134.31	0.0001	14.5012	0.1106	0.0373
VEW-5	6/18/2010	704.00	3168.00	76032.00	18.10	2.4073	16.65	0.0000	1.0477	0.0080	0.0027
VEW-6	6/18/2010	695.00	3127.50	75060.00	16.80	2.2344	15.45	0.0000	0.9600	0.0073	0.0025
VEW-1	6/25/2010	225.00	1012.50	24300.00	27.90	3.7107	25.67	0.0000	0.5161	0.0099	0.0030
VEW-2	6/25/2010	345.00	1552.50	37260.00	234.00	31.122	215.26	0.0002	6.6377	0.1268	0.0391
VEW-3	6/25/2010	485.00	2182.50	52380.00	992.00	131.936	912.56	0.0008	39.5584	0.7554	0.2331
VEW-4	6/25/2010	620.00	2790.00	66960.00	83.50	11.1055	76.81	0.0001	4.2566	0.0813	0.0251
VEW-5	6/25/2010	448.00	2016.00	48384.00	16.10	2.1413	14.81	0.0000	0.5930	0.0113	0.0035
VEW-6	6/25/2010	586.00	2637.00	63288.00	16.70	2.2211	15.36	0.0000	0.8046	0.0154	0.0047

Table 4 *Vapor Extraction Well Field Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Measured Flow Rate (FPM)	lbs of Air (per hour)	lbs of Air (per day)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Weight Fraction x Daily Air Flow	Fraction of Mass Removed Per Well Per Day	Mass Removed Per Well Per Day**
VEW-1	7/2/2010	947.00	4261.50	102276.00	63.40	8.4322	58.32	0.0000	4.9366	0.0683	0.0228
VEW-2	7/2/2010	825.00	3712.50	89100.00	150.00	19.95	137.99	0.0001	10.1749	0.1407	0.0471
VEW-3	7/2/2010	720.00	3240.00	77760.00	801.00	106.533	736.85	0.0006	47.4188	0.6558	0.2194
VEW-4	7/2/2010	890.00	4005.00	96120.00	102.00	13.566	93.83	0.0001	7.4641	0.1032	0.0345
VEW-5	7/2/2010	896.00	4032.00	96768.00	15.60	2.0748	14.35	0.0000	1.1493	0.0159	0.0053
VEW-6	7/2/2010	952.00	4284.00	102816.00	14.80	1.9684	13.61	0.0000	1.1585	0.0160	0.0054
VEW-1	7/9/2010	1123.00	5053.50	121284.00	78.40	10.4272	72.12	0.0001	7.2390	0.0694	0.0223
VEW-2	7/9/2010	839.00	3775.50	90612.00	157.00	20.881	144.43	0.0001	10.8305	0.1038	0.0333
VEW-3	7/9/2010	1230.00	5535.00	132840.00	735.00	97.755	676.14	0.0006	74.3324	0.7127	0.2287
VEW-4	7/9/2010	773.00	3478.50	83484.00	124.00	16.492	114.07	0.0001	7.8811	0.0756	0.0243
VEW-5	7/9/2010	1041.00	4684.50	112428.00	26.80	3.5644	24.65	0.0000	2.2939	0.0220	0.0071
VEW-6	7/9/2010	964.00	4338.00	104112.00	21.70	2.8861	19.96	0.0000	1.7200	0.0165	0.0053
VEW-1	7/16/2010	736.00	3312.00	79488.00	54.60	7.2618	50.23	0.0000	3.3041	0.0357	0.0120
VEW-2	7/16/2010	630.00	2835.00	68040.00	228.00	30.324	209.74	0.0002	11.8103	0.1277	0.0430
VEW-3	7/16/2010	856.00	3852.00	92448.00	1027.00	136.591	944.75	0.0008	72.2819	0.7814	0.2630
VEW-4	7/16/2010	839.00	3775.50	90612.00	55.60	7.3948	51.15	0.0000	3.8355	0.0415	0.0140
VEW-5	7/16/2010	565.00	2542.50	61020.00	7.40	0.9842	6.81	0.0000	0.3438	0.0037	0.0013
VEW-6	7/16/2010	1150.00	5175.00	124200.00	9.80	1.3034	9.02	0.0000	0.9266	0.0100	0.0034
VEW-1	7/23/2010	783.00	3523.50	84564.00	83.20	11.0656	76.54	0.0001	5.3564	0.0749	0.0248
VEW-2	7/23/2010	648.00	2916.00	69984.00	208.00	27.664	191.34	0.0002	11.0821	0.1549	0.0513
VEW-3	7/23/2010	878.00	3951.00	94824.00	676.00	89.908	621.86	0.0005	48.8008	0.6820	0.2261
VEW-4	7/23/2010	633.00	2848.50	68364.00	71.70	9.5361	65.96	0.0001	3.7317	0.0522	0.0173
VEW-5	7/23/2010	470.00	2115.00	50760.00	36.50	4.8545	33.58	0.0000	1.4105	0.0197	0.0065
VEW-6	7/23/2010	667.00	3001.50	72036.00	21.40	2.8462	19.69	0.0000	1.1736	0.0164	0.0054
VEW-1	7/30/2010	607.00	2731.50	65556.00	54.50	7.2485	50.14	0.0000	2.7200	0.0689	0.0231
VEW-2	7/30/2010	439.00	1975.50	47412.00	148.00	19.684	136.15	0.0001	5.3421	0.1353	0.0454
VEW-3	7/30/2010	1064.00	4788.00	114912.00	310.00	41.23	285.17	0.0002	27.1199	0.6871	0.2306
VEW-4	7/30/2010	831.00	3739.50	89748.00	50.10	6.6633	46.09	0.0000	3.4231	0.0867	0.0291
VEW-5	7/30/2010	1069.00	4810.50	115452.00	7.50	0.9975	6.90	0.0000	0.6592	0.0167	0.0056
VEW-6	7/30/2010	791.00	3559.50	85428.00	3.20	0.4256	2.94	0.0000	0.2081	0.0053	0.0018
VEW-1	8/6/2010	496.00	2232.00	53568.00	143.00	19.019	131.55	0.0001	5.8318	0.0661	0.0207
VEW-2	8/6/2010	483.00	2173.50	52164.00	276.00	36.708	253.90	0.0002	10.9608	0.1242	0.0389
VEW-3	8/6/2010	927.00	4171.50	100116.00	798.00	106.134	734.09	0.0006	60.8230	0.6889	0.2158
VEW-4	8/6/2010	1126.00	5067.00	121608.00	68.60	9.1238	63.11	0.0001	6.3511	0.0719	0.0225
VEW-5	8/6/2010	985.00	4432.50	106380.00	34.50	4.5885	31.74	0.0000	2.7941	0.0316	0.0099
VEW-6	8/6/2010	572.00	2574.00	61776.00	32.40	4.3092	29.81	0.0000	1.5238	0.0173	0.0054
VEW-1	8/13/2010	644.00	2898.00	69552.00	74.00	9.842	68.07	0.0001	3.9183	0.0760	0.0261
VEW-2	8/13/2010	435.00	1957.50	46980.00	177.00	23.541	162.83	0.0001	6.3306	0.1228	0.0421
VEW-3	8/13/2010	768.00	3456.00	82944.00	598.00	79.534	550.11	0.0005	37.7614	0.7325	0.2512
VEW-4	8/13/2010	539.00	2425.50	58212.00	50.60	6.7298	46.55	0.0000	2.2425	0.0435	0.0149
VEW-5	8/13/2010	396.00	1782.00	42768.00	14.80	1.9684	13.61	0.0000	0.4819	0.0093	0.0032
VEW-6	8/13/2010	547.00	2461.50	59076.00	18.20	2.4206	16.74	0.0000	0.8185	0.0159	0.0054
VEW-1	8/20/2010	834.00	3753.00	90072.00	75.40	10.0282	69.36	0.0001	5.1704	0.0672	0.0225
VEW-2	8/20/2010	1048.00	4716.00	113184.00	173.00	23.009	159.15	0.0001	14.9071	0.1937	0.0647
VEW-3	8/20/2010	1065.00	4792.50	115020.00	486.00	64.638	447.08	0.0004	42.5570	0.5529	0.1848
VEW-4	8/20/2010	824.00	3708.00	88992.00	51.20	6.8096	47.10	0.0000	3.4688	0.0451	0.0151
VEW-5	8/20/2010	1660.00	7470.00	179280.00	40.00	5.32	36.80	0.0000	5.4595	0.0709	0.0237
VEW-6	8/20/2010	958.00	4311.00	103464.00	68.60	9.1238	63.11	0.0001	5.4035	0.0702	0.0235
VEW-1	8/24/2010	885.00	3982.50	95580.00	65.80	8.7514	60.53	0.0001	4.7880	0.0805	0.0478
VEW-2	8/24/2010	937.00	4216.50	101196.00	121.00	16.093	111.31	0.0001	9.3220	0.1567	0.0930
VEW-3	8/24/2010	1128.00	5076.00	121824.00	442.00	58.786	406.60	0.0003	40.9937	0.6891	0.4089
VEW-4	8/24/2010	980.00	4410.00	105840.00	29.70	3.9501	27.32	0.0000	2.3931	0.0402	0.0239
VEW-5	8/24/2010	985.00	4432.50	106380.00	8.20	1.0906	7.54	0.0000	0.6641	0.0112	0.0066
VEW-6	8/24/2010	964.00	4338.00	104112.00	16.70	2.2211	15.36	0.0000	1.3237	0.0223	0.0132
VEW-1	8/27/2010	977.00	4396.50	105516.00	66.30	8.8179	60.99	0.0001	5.3259	0.0829	0.0498
VEW-2	8/27/2010	951.00	4279.50	102708.00	130.00	17.29	119.59	0.0001	10.1650	0.1581	0.0951
VEW-3	8/27/2010	1245.00	5602.50	134460.00	436.00	57.988	401.08	0.0003	44.6315	0.6944	0.4175
VEW-4	8/27/2010	834.00	3753.00	90072.00	26.40	3.5112	24.29	0.0000	1.8103	0.0282	0.0169
VEW-5	8/27/2010	944.00	4248.00	101952.00	18.20	2.4206	16.74	0.0000	1.4126	0.0220	0.0132
VEW-6	8/27/2010	734.00	3303.00	79272.00	15.40	2.0482	14.17	0.0000	0.9294	0.0145	0.0087
VEW-1	8/31/2010	905.00	4072.50	97740.00	48.20	6.4106	44.34	0.0000	3.5866	0.0797	0.0445
VEW-2	8/31/2010	715.00	3217.50	77220.00	136.00	18.088	125.11	0.0001	7.9952	0.1777	0.0993
VEW-3	8/31/2010	922.00	4149.00	99576.00	382.00	50.806	351.41	0.0003	28.9587	0.6435	0.3597
VEW-4	8/31/2010	753.00	3388.50	81324.00	33.70	4.4821	31.00	0.0000	2.0865	0.0464	0.0259
VEW-5	8/31/2010	957.00	4306.50	103356.00	16.80	2.2344	15.45	0.0000	1.3219	0.0294	0.0164
VEW-6	8/31/2010	700.00	3150.00	75600.00	18.30	2.4339	16.83	0.0000	1.0533	0.0234	0.0131
VEW-1	9/3/2010	822.00	3699.00	88776.00	52.10	6.9293	47.93	0.0000	3.5212	0.0839	0.0383
VEW-2	9/3/2010	980.00	4410.00	105840.00	127.00	16.891	116.83	0.0001	10.2333	0.2439	0.1112
VEW-3	9/3/2010	1010.00	4545.00	109080.00	283.00	37.639	260.34	0.0002	23.5014	0.5601	0.2553

Table 4 *Vapor Extraction Well Field Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Measured Flow Rate (FPM)	lbs of Air (per hour)	lbs of Air (per day)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Weight Fraction x Daily Air Flow	Fraction of Mass Removed Per Well Per Day	Mass Removed Per Well Per Day**
VEW-4	9/3/2010	770.00	3465.00	83160.00	35.10	4.6683	32.29	0.0000	2.2222	0.0530	0.0241
VEW-5	9/3/2010	880.00	3960.00	95040.00	19.20	2.5536	17.66	0.0000	1.3892	0.0331	0.0151
VEW-6	9/3/2010	750.00	3375.00	81000.00	17.70	2.3541	16.28	0.0000	1.0915	0.0260	0.0119
VEW-1	9/7/2010	794.00	3573.00	85752.00	46.70	6.2111	42.96	0.0000	3.0488	0.0724	0.0340
VEW-2	9/7/2010	990.00	4455.00	106920.00	111.00	14.763	102.11	0.0001	9.0353	0.2147	0.1009
VEW-3	9/7/2010	1008.00	4536.00	108864.00	327.00	43.491	300.81	0.0002	27.1015	0.6440	0.3025
VEW-4	9/7/2010	695.00	3127.50	75060.00	24.30	3.2319	22.35	0.0000	1.3886	0.0330	0.0155
VEW-5	9/7/2010	795.00	3577.50	85860.00	12.60	1.6758	11.59	0.0000	0.8236	0.0196	0.0092
VEW-6	9/7/2010	733.00	3298.50	79164.00	11.40	1.5162	10.49	0.0000	0.6871	0.0163	0.0077
VEW-1	9/10/2010	728.00	3276.00	78624.00	65.50	8.7115	60.25	0.0000	3.9207	0.0961	0.0424
VEW-2	9/10/2010	821.00	3694.50	88668.00	114.00	15.162	104.87	0.0001	7.6954	0.1885	0.0831
VEW-3	9/10/2010	942.00	4239.00	101736.00	353.00	46.949	324.73	0.0003	27.3408	0.6699	0.2953
VEW-4	9/10/2010	675.00	3037.50	72900.00	22.70	3.0191	20.88	0.0000	1.2598	0.0309	0.0136
VEW-5	9/10/2010	876.00	3942.00	94608.00	4.30	0.5719	3.96	0.0000	0.3097	0.0076	0.0033
VEW-6	9/10/2010	733.00	3298.50	79164.00	4.80	0.6384	4.42	0.0000	0.2893	0.0071	0.0031
VEW-1	9/14/2010	674.00	3033.00	72792.00	58.80	7.8204	54.09	0.0000	3.2585	0.0853	0.0343
VEW-2	9/14/2010	866.00	3897.00	93528.00	72.90	9.6957	67.06	0.0001	5.1908	0.1360	0.0546
VEW-3	9/14/2010	1014.00	4563.00	109512.00	343.00	45.619	315.53	0.0003	28.5968	0.7490	0.3007
VEW-4	9/14/2010	713.00	3208.50	77004.00	13.30	1.7689	12.23	0.0000	0.7797	0.0204	0.0082
VEW-5	9/14/2010	906.00	4077.00	97848.00	1.40	0.1862	1.29	0.0000	0.1043	0.0027	0.0011
VEW-6	9/14/2010	802.00	3609.00	86616.00	3.80	0.5054	3.50	0.0000	0.2506	0.0066	0.0026
VEW-1	9/17/2010	555.00	2497.50	59940.00	56.20	7.4746	51.70	0.0000	2.5646	0.0716	0.0292
VEW-2	9/17/2010	751.00	3379.50	81108.00	91.20	12.1296	83.90	0.0001	5.6315	0.1572	0.0640
VEW-3	9/17/2010	982.00	4419.00	106056.00	322.00	42.826	296.21	0.0002	25.9988	0.7259	0.2956
VEW-4	9/17/2010	893.00	4018.50	96444.00	16.10	2.1413	14.81	0.0000	1.1821	0.0330	0.0134
VEW-5	9/17/2010	1012.00	4554.00	109296.00	2.40	0.3192	2.21	0.0000	0.1997	0.0056	0.0023
VEW-6	9/17/2010	873.00	3928.50	94284.00	3.30	0.4389	3.04	0.0000	0.2369	0.0066	0.0027
VEW-1	9/21/2010	2146.00	9657.00	231768.00	51.30	6.8229	47.19	0.0000	9.0518	0.0703	0.0381
VEW-2	9/21/2010	2018.00	9081.00	217944.00	98.20	13.0606	90.34	0.0001	16.2936	0.1266	0.0686
VEW-3	9/21/2010	3637.00	16366.50	392796.00	309.00	41.097	284.25	0.0002	92.4033	0.7178	0.3888
VEW-4	9/21/2010	3072.00	13824.00	331776.00	43.50	5.7855	40.02	0.0000	10.9874	0.0853	0.0462
VEW-5	9/21/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	9/21/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	9/24/2010	1986.00	8937.00	214488.00	28.90	3.8437	26.59	0.0000	4.7191	0.0391	0.0094
VEW-2	9/24/2010	2003.00	9013.50	216324.00	58.30	7.7539	53.63	0.0000	9.6014	0.0795	0.0192
VEW-3	9/24/2010	3670.00	16515.00	396360.00	353.00	46.949	324.73	0.0003	106.5188	0.8815	0.2129
VEW-4	9/24/2010	1860.00	8370.00	200880.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	9/24/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	9/24/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	10/1/2010	2314.00	10413.00	249912.00	30.50	4.0565	28.06	0.0000	5.8029	0.0615	0.0153
VEW-2	10/1/2010	2100.00	9450.00	226800.00	45.30	6.0249	41.67	0.0000	7.8217	0.0829	0.0206
VEW-3	10/1/2010	3372.00	15174.00	364176.00	291.00	38.703	267.70	0.0002	80.6800	0.8555	0.2127
VEW-4	10/1/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	10/1/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	10/1/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	10/8/2010	1823.00	8203.50	196884.00	52.30	6.9559	48.11	0.0000	7.8392	0.1155	0.0241
VEW-2	10/8/2010	2100.00	9450.00	226800.00	70.50	9.3765	64.85	0.0001	12.1729	0.1794	0.0374
VEW-3	10/8/2010	2880.00	12960.00	311040.00	202.00	26.866	185.82	0.0002	47.8332	0.7050	0.1471
VEW-4	10/8/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	10/8/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	10/8/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	10/15/2010	1980.00	8910.00	213840.00	38.20	5.0806	35.14	0.0000	6.2189	0.1607	0.0389
VEW-2	10/15/2010	2200.00	9900.00	237600.00	59.40	7.9002	54.64	0.0000	10.7447	0.2777	0.0673
VEW-3	10/15/2010	2910.00	13095.00	314280.00	90.80	12.0764	83.53	0.0001	21.7252	0.5615	0.1360
VEW-4	10/15/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	10/15/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	10/15/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	10/22/2010	1720.00	7740.00	185760.00	44.60	5.9318	41.03	0.0000	6.3074	0.1436	0.0363
VEW-2	10/22/2010	1819.00	8185.50	196452.00	71.30	9.4829	65.59	0.0001	10.6637	0.2428	0.0614
VEW-3	10/22/2010	2410.00	10845.00	260280.00	136.00	18.088	125.11	0.0001	26.9489	0.6136	0.1551
VEW-4	10/22/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	10/22/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	10/22/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	10/29/2010	1810.00	8145.00	195480.00	35.40	4.7082	32.57	0.0000	5.2683	0.1158	0.0339
VEW-2	10/29/2010	1920.00	8640.00	207360.00	67.80	9.0174	62.37	0.0001	10.7033	0.2352	0.0689
VEW-3	10/29/2010	2317.00	10426.50	250236.00	155.00	20.615	142.59	0.0001	29.5286	0.6490	0.1902
VEW-4	10/29/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	10/29/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	10/29/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000

Table 4 *Vapor Extraction Well Field Data*
Crenshaw Park - Cameo Cleaners
Los Angeles, California

Sample ID	Date	Measured Flow Rate (FPM)	lbs of Air (per hour)	lbs of Air (per day)	Field Measurement	PCE (ppmv)*	PCE (ug/l)	PCE Weight Fraction	Weight Fraction x Daily Air Flow	Fraction of Mass Removed Per Well Per Day	Mass Removed Per Well Per Day**
VEW-1	11/5/2010	1915.00	8617.50	206820.00	26.80	3.5644	24.65	0.0000	4.2198	0.1122	0.0262
VEW-2	11/5/2010	2080.00	9360.00	224640.00	48.20	6.4106	44.34	0.0000	8.2432	0.2192	0.0511
VEW-3	11/5/2010	2200.00	9900.00	237600.00	139.00	18.487	127.87	0.0001	25.1433	0.6686	0.1560
VEW-4	11/5/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	11/5/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	11/5/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	11/12/2010	2110.00	9495.00	227880.00	21.70	2.8861	19.96	0.0000	3.7647	0.1106	0.0255
VEW-2	11/12/2010	2290.00	10305.00	247320.00	39.20	5.2136	36.06	0.0000	7.3809	0.2169	0.0501
VEW-3	11/12/2010	2300.00	10350.00	248400.00	121.00	16.093	111.31	0.0001	22.8822	0.6725	0.1553
VEW-4	11/12/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	11/12/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	11/12/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	11/19/2010	2200.00	9900.00	237600.00	196.00	26.068	180.30	0.0001	35.4539	0.3079	0.0723
VEW-2	11/19/2010	2180.00	9810.00	235440.00	152.00	20.216	139.83	0.0001	27.2449	0.2366	0.0555
VEW-3	11/19/2010	2170.00	9765.00	234360.00	294.00	39.102	270.46	0.0002	52.4557	0.4555	0.1069
VEW-4	11/19/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	11/19/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	11/19/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	11/29/2010	865.00	3892.50	93420.00	96.00	12.768	88.31	0.0001	6.8277	0.2043	0.0359
VEW-2	11/29/2010	1044.00	4698.00	112752.00	136.00	18.088	125.11	0.0001	11.6741	0.3493	0.0614
VEW-3	11/29/2010	1100.00	4950.00	118800.00	165.00	21.945	151.79	0.0001	14.9232	0.4465	0.0785
VEW-4	11/29/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	11/29/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	11/29/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	12/3/2010	796.00	3582.00	85968.00	63.70	8.4721	58.60	0.0000	4.1691	0.1689	0.0484
VEW-2	12/3/2010	1166.00	5247.00	125928.00	89.70	11.9301	82.52	0.0001	8.5996	0.3485	0.0998
VEW-3	12/3/2010	1073.00	4828.50	115884.00	135.00	17.955	124.19	0.0001	11.9102	0.4826	0.1382
VEW-4	12/3/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	12/3/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	12/3/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	12/10/2010	896.00	4032.00	96768.00	72.10	9.5893	66.33	0.0001	5.3116	0.1972	0.0583
VEW-2	12/10/2010	987.00	4441.50	106596.00	87.60	11.6508	80.58	0.0001	7.1090	0.2639	0.0781
VEW-3	12/10/2010	1003.00	4513.50	108324.00	176.00	23.408	161.91	0.0001	14.5144	0.5389	0.1594
VEW-4	12/10/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	12/10/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	12/10/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	12/18/2010	772.00	3474.00	83376.00	166.00	22.078	152.71	0.0001	10.5369	0.2893	0.0897
VEW-2	12/18/2010	962.00	4329.00	103896.00	109.00	14.497	100.27	0.0001	8.6216	0.2367	0.0734
VEW-3	12/18/2010	986.00	4437.00	106488.00	213.00	28.329	195.94	0.0002	17.2680	0.4741	0.1469
VEW-4	12/18/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	12/18/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	12/18/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-1	12/27/2010	785.00	3532.50	84780.00	89.60	11.9168	82.42	0.0001	5.7831	0.1821	0.0506
VEW-2	12/27/2010	1015.00	4567.50	109620.00	77.10	10.2543	70.93	0.0001	6.4344	0.2026	0.0563
VEW-3	12/27/2010	1290.00	5805.00	139320.00	184.30	24.5119	169.54	0.0001	19.5479	0.6154	0.1710
VEW-4	12/27/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-5	12/27/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000
VEW-6	12/27/2010	0.00	0.00	0.00	0.00	0	0.00	0.0000	0.0000	0.0000	0.0000

Key:
PCE = tetrachloroethene

Note:
* An adjustment of 0.133 was applied to the field readings, which were collected with a PPBRae, with a 10.6 volt bulb, calibrated to hexane.
** Based on total removal rate per day as shown on Table 4 times the Fraction of Mass Removed Per Well Per Day.

TABLE 5
Water Level Measurements
Crenshaw Park
Los Anglels, California

Well Name	Approximate Screen Depth (feet)[1]	Top of Casing Elevation (feet MSL)[2]	Top of Casting Elevation Revised (feet MSL)	Sounding Date	Total Depth	Depth to Water (feet)	Groundwater Elevation (feet MSL)
MW-1	5-25	110.80	110.87	3/27/1998	NA	9.69	101.18
MW-1	5-25	110.80	110.87	5/14/1999	24.48	9.72	101.15
MW-1	5-25	110.80	110.87	3/3/2000	24.15	12.07	98.80
MW-1	5-25	110.80	110.87	6/2/2000	24.52	10.88	99.99
MW-1	5-25	110.80	110.87	9/15/2000	24.65	11.52	99.35
MW-1	5-25	110.80	110.87	12/8/2000	24.65	12.01	98.86
MW-1	5-25	110.80	110.87	3/16/2001	24.10	11.40	99.47
MW-1	5-25	110.80	110.87	6/13/2001	NA	NA	99.16
MW-1	5-25	110.80	110.87	8/29/2001	NA	NA	98.92
MW-1	5-25	110.80	110.87	11/9/2001	24.59	11.87	99.00
MW-1	5-25	110.80	110.87	9/19/2002	24.10	13.36	97.51
MW-1	5-25	110.80	110.87	12/18/2002	24.79	13.90	96.97
MW-1	5-25	110.80	110.87	3/5/2003	24.10	14.39	96.48
MW-1	5-25	110.80	110.87	5/14/2003	24.10	14.18	96.69
MW-1	5-25	110.80	110.87	8/14/2003	24.82	13.99	96.88
MW-1	5-25	110.80	110.87	3/12/2004	24.82	15.32	95.55
MW-1	5-25	110.80	110.87	6/22/2004	24.82	15.58	95.29
MW-1	5-25	110.80	110.87	9/15/2004	24.82	15.64	95.23
MW-1	5-25	110.80	110.87	3/2/2005	24.10	15.72	95.15
MW-1	5-25	110.80	110.87	12/24/2008	24.64	16.20	94.67
MW-1	5-25	110.80	110.87	10/7/2009	NA	16.60	94.27
MW-1	5-25	110.80	110.87	2/11/2010	24.50	17.21	93.66
MW-1	5-25	110.80	110.87	5/15/2010	24.50	17.24	93.63
MW-1	5-25	110.80	110.87	9/3/2010	24.48	17.09	93.78
MW-1	5-25	110.80	110.87	12/11/2010	24.48	16.01	94.86
MW-2	5-25	110.76	110.87	3/27/1998	NA	9.68	101.19
MW-2	5-25	110.76	110.87	5/14/1999	24.47	9.80	101.07
MW-2	5-25	110.79	110.87	3/3/2000	24.00	12.00	98.87
MW-2	5-25	110.79	110.87	6/2/2000	24.38	10.82	100.05
MW-2	5-25	110.79	110.87	9/15/2000	24.41	11.35	99.52
MW-2	5-25	110.79	110.87	12/8/2000	24.24	11.85	99.02
MW-2	5-25	110.79	110.87	3/16/2001	24.40	11.42	99.45
MW-2	5-25	110.79	110.87	6/13/2001	24.09	11.10	99.77
MW-2	5-25	110.79	110.87	8/29/2001	24.46	10.75	100.12
MW-2	5-25	110.79	110.87	11/9/2001	24.38	11.44	99.43
MW-2	5-25	110.79	110.87	9/19/2002	24.40	12.45	98.42
MW-2	5-25	110.79	110.87	12/18/2002	24.40	12.86	98.01
MW-2	5-25	110.79	110.87	3/5/2003	24.40	12.97	97.90
MW-2	5-25	110.79	110.87	5/14/2003	24.40	12.58	98.29
MW-2	5-25	110.79	110.87	8/14/2003	24.10	12.58	98.29
MW-2	5-25	110.79	110.87	3/12/2004	24.10	13.27	97.60
MW-2	5-25	110.79	110.87	6/22/2004	24.10	13.15	97.72
MW-2	5-25	110.79	110.87	9/15/2004	24.10	13.37	97.50
MW-2	5-25	110.79	110.87	3/2/2005	24.40	12.22	98.65
MW-2	5-25	110.79	110.87	12/24/2008	24.56	14.20	96.67
MW-2	5-25	110.79	110.87	10/7/2009	NA	14.85	96.02
MW-2	5-25	110.79	110.87	2/11/2010	24.50	15.22	95.65
MW-2	5-25	110.79	110.87	5/15/2010	24.50	15.26	95.61
MW-2	5-25	110.79	110.87	9/3/2010	24.37	15.40	95.47
MW-2	5-25	110.79	110.87	12/11/2010	24.37	14.86	96.01
MW-3	5-25	110.86	110.93	3/27/1998	NA	8.76	102.17
MW-3	5-25	110.86	110.93	5/14/1999	24.30	8.90	102.03
MW-3	5-25	110.87	110.93	3/3/2000	24.10	10.93	100.00
MW-3	5-25	110.87	110.93	6/2/2000	24.12	10.53	100.40
MW-3	5-25	110.87	110.93	9/15/2000	24.20	11.12	99.81
MW-3	5-25	110.87	110.93	12/8/2000	24.28	11.37	99.56
MW-3	5-25	110.87	110.93	3/16/2001	24.19	9.93	101.00
MW-3	5-25	110.87	110.93	6/13/2001	24.09	10.51	100.42
MW-3	5-25	110.87	110.93	8/29/2001	24.76	11.82	99.11
MW-3	5-25	110.87	110.93	11/8/2001	24.18	10.82	100.11
MW-3	5-25	110.87	110.93	9/19/2002	24.35	11.59	99.34
MW-3	5-25	110.87	110.93	12/18/2002	24.35	11.84	99.09
MW-3	5-25	110.87	110.93	3/5/2003	24.35	11.33	99.60
MW-3	5-25	110.87	110.93	5/14/2003	24.35	10.60	100.33
MW-3	5-25	110.87	110.93	8/14/2003	24.75	11.01	99.92
MW-3	5-25	110.87	110.93	3/12/2004	24.75	11.06	99.87

TABLE 5
Water Level Measurements
Crenshaw Park
Los Anglels, California

Well Name	Approximate Screen Depth (feet)[1]	Top of Casing Elevation (feet MSL)[2]	Top of Casting Elevation Revised (feet MSL)	Sounding Date	Total Depth	Depth to Water (feet)	Groundwater Elevation (feet MSL)
MW-3	5-25	110.87	110.93	6/22/2004	24.75	11.10	99.83
MW-3	5-25	110.87	110.93	9/15/2004	24.75	11.51	99.42
MW-3	5-25	110.87	110.93	3/2/2005	24.35	8.28	102.65
MW-3	5-25	110.87	110.93	12/24/2008	24.26	11.53	99.40
MW-3	5-25	110.87	110.93	10/7/2009	NA	12.99	97.94
MW-3	5-25	110.87	110.93	2/11/2010	24.15	14.00	96.93
MW-3	5-25	110.87	110.93	5/15/2010	24.15	14.04	96.89
MW-3	5-25	110.87	110.93	9/3/2010	24.20	14.82	96.11
MW-3	5-25	110.87	110.93	12/11/2010	24.49	13.25	97.68
MW-4	10-25	111.34	111.42	3/3/2000	24.60	10.79	100.63
MW-4	10-25	111.34	111.42	6/2/2000	24.60	10.52	100.90
MW-4	10-25	111.34	111.42	9/15/2000	24.58	11.14	100.28
MW-4	10-25	111.34	111.42	12/8/2000	24.60	11.41	100.01
MW-4	10-25	111.34	111.42	3/16/2001	24.31	9.85	101.57
MW-4	10-25	111.34	111.42	6/13/2001	24.55	10.10	101.32
MW-4	10-25	111.34	111.42	8/29/2001	24.82	10.58	100.84
MW-4	10-25	111.34	111.42	11/4/2001	24.80	10.94	100.48
MW-4	10-25	111.34	111.42	9/19/2002	24.82	11.90	99.52
MW-4	10-25	111.34	111.42	12/18/2002	24.82	12.11	99.31
MW-4	10-25	111.34	111.42	3/5/2003	24.82	11.50	99.92
MW-4	10-25	111.34	111.42	5/14/2003	24.82	10.56	100.86
MW-4	10-25	111.34	111.42	8/14/2003	24.35	11.09	100.33
MW-4	10-25	111.34	111.42	3/12/2004	24.35	11.15	100.27
MW-4	10-25	111.34	111.42	6/22/2004	24.35	11.23	100.19
MW-4	10-25	111.34	111.42	9/15/2004	24.35	11.70	99.72
MW-4	10-25	111.34	111.42	3/2/2005	24.82	7.87	103.55
MW-4	10-25	111.34	111.42	12/24/2008	24.86	11.42	100.00
MW-4	10-25	111.34	111.42	10/7/2009	NA	13.17	98.25
MW-4	10-25	111.34	111.42	2/11/2010	24.70	14.02	97.40
MW-4	10-25	111.34	111.42	5/15/2010	24.70	14.07	97.35
MW-4	10-25	111.34	111.42	9/3/2010	24.72	14.49	96.93
MW-4	10-25	111.34	111.42	12/11/2010	24.72	13.29	98.13
MW-5	10-25	110.57	110.64	3/3/2000	24.80	12.74	97.90
MW-5	10-25	110.57	110.64	6/2/2000	24.82	11.83	98.81
MW-5	10-25	110.57	110.64	9/15/2000	24.71	12.32	98.32
MW-5	10-25	110.57	110.64	12/8/2000	24.78	14.22	96.42
MW-5	10-25	110.57	110.64	3/16/2001	24.75	10.30	100.34
MW-5	10-25	110.57	110.64	6/13/2001	24.80	11.13	99.51
MW-5	10-25	110.57	110.64	8/29/2001	24.24	10.56	100.08
MW-5	10-25	110.57	110.64	11/8/2001	24.70	12.62	98.02
MW-5	10-25	110.57	110.64	9/19/2002	24.75	15.32	95.32
MW-5	10-25	110.57	110.64	12/18/2002	24.75	15.50	95.14
MW-5	10-25	110.57	110.64	3/5/2003	24.75	14.58	96.06
MW-5	10-25	110.57	110.64	5/14/2003	24.75	13.67	96.97
MW-5	10-25	110.57	110.64	8/14/2003	24.40	15.06	95.58
MW-5	10-25	110.57	110.64	3/12/2004	24.40	14.94	95.70
MW-5	10-25	110.57	110.64	6/22/2004	24.40	15.20	95.44
MW-5	10-25	110.57	110.64	9/15/2004	24.40	16.79	93.85
MW-5	10-25	110.57	110.64	3/2/2005	24.75	11.35	99.29
MW-5	10-25	110.57	110.64	12/24/2008	21.50	15.62	95.02
MW-5	10-25	110.57	110.64	10/7/2009	NA	17.83	92.81
MW-5	10-25	110.57	110.64	2/11/2010	24.65	15.56	95.08
MW-5	10-25	110.57	110.64	5/15/2010	24.65	15.59	95.05
MW-5	10-25	110.57	110.64	9/3/2010	24.55	15.32	95.32
MW-5	10-25	110.57	110.64	12/11/2010	24.55	16.38	94.26
MW-6	10-15	111.38	111.45	9/15/2000	14.42	12.91	98.54
MW-6	10-15	111.38	111.45	12/8/2000	14.39	12.37	99.08
MW-6	10-15	111.38	111.45	3/16/2001	14.32	12.20	99.25
MW-6	10-15	111.38	111.45	6/13/2001	14.13	11.72	99.73
MW-6	10-15	111.38	111.45	8/29/2000	14.12	11.71	99.74
MW-6	10-15	111.38	111.45	11/9/2001	14.37	11.96	99.49
MW-6	10-15	111.38	111.45	9/19/2002	14.57	12.99	98.46
MW-6	10-15	111.38	111.45	12/18/2002	14.57	13.41	98.04
MW-6	10-15	111.38	111.45	3/5/2003	14.57	13.54	97.91
MW-6	10-15	111.38	111.45	5/14/2003	14.57	13.17	98.28
MW-6	10-15	111.38	111.45	8/14/2003	14.57	13.14	98.31

TABLE 5
Water Level Measurements
Crenshaw Park
Los Anglels, California

Well Name	Approximate Screen Depth (feet)[1]	Top of Casing Elevation (feet MSL)[2]	Top of Casting Elevation Revised (feet MSL)	Sounding Date	Total Depth	Depth to Water (feet)	Groundwater Elevation (feet MSL)
MW-6	10-15	111.38	111.45	3/12/2004	14.57	13.78	97.67
MW-6	10-15	111.38	111.45	6/22/2004	14.57	13.64	97.81
MW-6	10-15	111.38	111.45	9/15/2004	14.57	13.76	97.69
MW-6	10-15	111.38	111.45	3/2/2005	14.57	12.86	98.59
MW-6	10-15	111.38	111.45	12/24/2008	14.30	14.11	97.34
MW-6	10-15	111.38	111.45	10/7/2009	NA	14.17	97.28
MW-7	10-15	110.97	111.07	9/15/2000	14.36	11.50	99.57
MW-7	10-15	110.97	111.07	12/8/2000	14.49	11.91	99.16
MW-7	10-15	110.97	111.07	3/16/2001	14.32	10.93	100.14
MW-7	10-15	110.97	111.07	6/13/2001	14.44	10.02	101.05
MW-7	10-15	110.97	111.07	8/29/2001	14.52	11.52	99.55
MW-7	10-15	110.97	111.07	11/9/2001	14.43	11.33	99.74
MW-7	10-15	110.97	111.07	9/19/2002	14.66	12.23	98.84
MW-7	10-15	110.97	111.07	12/18/2002	14.66	12.65	98.42
MW-7	10-15	110.97	111.07	3/5/2003	14.66	12.65	98.42
MW-7	10-15	110.97	111.07	5/14/2003	14.66	12.20	98.87
MW-7	10-15	110.97	111.07	8/14/2003	14.66	12.29	98.78
MW-7	10-15	110.97	111.07	3/12/2004	14.66	12.77	98.30
MW-7	10-15	110.97	111.07	6/22/2004	14.66	12.70	98.37
MW-7	10-15	110.97	111.07	9/15/2004	14.66	12.86	98.21
MW-7	10-15	110.97	111.07	3/2/2005	14.66	11.66	99.41
MW-7	10-15	110.97	111.07	12/24/2008	14.46	12.92	98.15
MW-7	10-15	110.97	111.07	10/7/2009	NA	13.37	97.70
MW-8	10-15		110.69	2/11/2010	25.00	15.61	95.08
MW-8	10-15		110.69	5/15/2010	25.00	16.34	94.35
MW-8	10-15		110.69	9/3/2010	24.97	16.98	93.71
MW-8	10-15		110.69	12/11/2010	24.97	16.14	94.55
S-1	10-15	111.47		9/19/2002	14.56	13.52	97.95
S-1	10-15	111.47		12/18/2002	14.56	13.06	98.41
S-1	10-15	111.47		3/5/2003	14.56	13.18	98.29
S-1	10-15	111.47		5/14/2003	14.56	12.77	98.70
S-1	10-15	111.47		8/14/2003	14.56	12.75	98.72
S-1	10-15	111.47		3/12/2004	14.56	13.31	98.16
S-1	10-15	111.47		6/22/2004	14.56	13.20	98.27
S-1	10-15	111.47		9/15/2004	14.56	13.31	98.16
S-1	10-15	111.47		3/2/2005	14.56	12.38	99.09
S-1	10-15	111.47		12/24/2008	14.56	13.49	97.98
S-1	10-15	111.47		10/7/2009	NA	13.82	97.65
S-2	10-15	111.55		9/19/2002	15.39	13.21	98.34
S-2	10-15	111.55		12/18/2002	15.39	13.25	98.30
S-2	10-15	111.55		3/5/2003	15.39	13.39	98.16
S-2	10-15	111.55		5/14/2003	15.39	13.02	98.53
S-2	10-15	111.55		8/14/2003	15.39	12.98	98.57
S-2	10-15	111.55		3/12/2004	15.39	13.61	97.94
S-2	10-15	111.55		6/22/2004	15.39	13.50	98.05
S-2	10-15	111.55		9/15/2004	15.39	13.35	98.20
S-2	10-15	111.55		3/2/2005	15.39	12.70	98.85
S-2	10-15	111.55		12/24/2008	15.39	13.83	97.72
S-2	10-15	111.55		10/7/2009	NA	14.21	97.34

Notes: 1) Original survey was done in series, as follows. Wells MW-1 through MW-3 surveyed on March 27, 1998 by Don Thomas Surveyor. Wells MW-1 through MW-5 surveyed on March 24, 2000 by Rattray & Associates, Inc. Wells MW-6 and MW-7 surveyed on October 25, 2002 by Cal Vada Surveying, Inc.
2) Revised survey of wells MW-1 through MW-8 performed at a single point in time by DRC Engineering, Inc. on February 24, 2010.
Feet MSL = feet above Mean Sea Level.
NA = Not available - Data not collected.

TABLE 6
Volatile Organic Compounds in Groundwater
Crenshaw Park
Los Anglels, California

Sample Identification	Sample Date	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Methyl-Tert-Butylether	Methyl Isobutyl Ketone	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	1,4-Dioxane	Other VOCs
Groundwater Samples													
MW-1	3/17/1998	<0.5	<0.5	<0.5	<0.5	NS	NS	**11.0**	<10	<10	<10	NS	ND
MW-1	5/14/1999	<0.5	<0.5	<0.5	<0.5	NS	NS	**7.1**	<0.5	<0.5	<0.5	NS	ND
MW-1	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	4.9	<0.5	<0.5	<0.5	NS	ND
MW-1	6/2/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	**14.8**	<0.5	1.0	<0.5	NS	ND
MW-1	9/15/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	**8.9**	<0.5	0.5	<0.5	NS	ND
MW-1	12/8/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	4.4	<0.5	<0.5	<0.5	NS	ND
MW-1	3/19/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	1.8	<0.5	<0.5	<0.5	NS	ND
MW-1	11/9/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-1	9/20/2002	<0.5	<0.5	0.5	<0.5	NS	NS	**10.2**	<0.5	0.8	<0.5	NS	ND
MW-1	12/18/2002	<0.5	<0.5	0.6	<0.5	NS	NS	**7.8**	<0.5	0.9	<0.5	NS	ND
MW-1	3/5/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	1.2	<0.5	1.1	<0.5	NS	ND
MW-1	5/14/2003	<0.5	<0.5	<0.5	2.9	NS	NS	**9.4**	<0.5	1.2	<0.5	NS	ND
MW-1	8/14/2003	<0.5	<0.5	0.9	<0.5	NS	NS	**14.9**	<0.5	1.8	<0.5	NS	ND
MW-1	3/12/2004	<0.5	<0.5	1.2	<0.5	NS	NS	1.7	<0.5	3.3	<0.5	NS	ND
MW-1	6/22/2004	<0.5	<0.5	0.8	<0.5	NS	NS	**18.5**	0.9	1.9	<0.5	NS	ND
MW-1	9/15/2004	<0.5	<0.5	1.3	<0.5	NS	NS	**16.7**	<0.5	4.2	<0.5	NS	ND
MW-1	3/2/2005	<0.5	<0.5	1.2	<0.5	NS	NS	**21.2**	<0.5	4.0	<0.5	NS	ND
MW-1	12/24/2008	<5	<5	<5	<5	1.3	NS	**204**	<5	**80**	<5	NS	ND
MW-1	10/7/2009	<0.5	<0.5	**6.0**	<0.5	1.4	<10	**390**	<0.5	**120**	<0.5	<2	ND
MW-1	2/11/2010	<0.5	<0.5	**6.0**	<0.5	NS	NS	**210**	<0.5	**94**	<0.5	<2	1,1-Dichloroethene (.55)
MW-1	5/15/2010	<0.5	<0.5	5.9	<0.5	NS	NS	**290**	<0.5	**96**	<0.5	<2	1,1-Dichloroethene (.58)
MW-1	9/3/2010	<0.5	<0.5	**23.0**	<0.5	NS	NS	**200**	<0.5	**170**	<0.5	<2	1,1-Dichloroethene (.60), trans-1,2-Dichloroethene (.59)
MW-1	12/11/2010	<0.5	<0.5	**8.4**	<0.5	NS	NS	**600**	<0.5	**190**	<0.5	<2	1,1-Dichloroethene (.89)
MW-2	3/27/1998	<500	<500	<500	<500	NS	NS	**18,000**	<500	<500	<500	NS	ND
MW-2	5/14/1999	<50	<50	<50	<100	NS	NS	**1,600**	<50	**350**	<50	NS	ND
MW-2	3/3/2000	<50	<50	<50	<100	NS	NS	<0.5	<50	<50	<50	NS	ND
MW-2	6/2/2000	<50	<50	**104**	<100	NS	NS	**9,250**	<50	**254**	<50	NS	ND
MW-2	9/15/2000	<50	<50	<50	<100	NS	NS	**9,240**	<50	**231**	<50	NS	ND
MW-2	12/8/2000	<50	<50	<50	<100	NS	NS	**8,300**	<50	**241**	<50	NS	ND
MW-2	3/19/2001	<50	<50	**110**	<100	NS	NS	**6,550**	<50	**170**	<50	NS	ND
MW-2	6/13/2001	<50	<50	**147**	<100	NS	NS	**8,250**	<50	**226**	<50	NS	ND
MW-2	8/29/2001	<10	<10	**19**	<30	<20	<50	**896**	<10	**28**	<30	NS	ND
MW-2	11/9/2001	<25	<25	**122**	<25	NS	NS	**3,350**	<25	**103**	<25	NS	ND
MW-2	9/20/2002	<25	<25	**93**	<25	NS	NS	**6,450**	<25	**151**	<25	NS	ND
MW-2	12/18/2002	<25	<25	**105**	<25	NS	NS	**6,470**	<25	**164**	<25	NS	ND
MW-2	3/6/2003	<25	<25	**121**	<25	NS	NS	**6,740**	<25	**165**	<25	NS	ND
MW-2	5/15/2003	<25	<25	**193**	<25	NS	NS	**7,000**	<25	**192**	<25	NS	ND
MW-2	8/15/2003	<25	<25	**182**	<25	NS	NS	**4,400**	<25	**122**	<25	NS	ND
MW-2	3/12/2004	<25	<25	**125**	<25	NS	NS	**4,250**	<25	**130**	<25	NS	ND
MW-2	6/22/2004	<25	<25	**85**	<25	NS	NS	**5,200**	<25	**100**	<25	NS	ND
MW-2	9/15/2004	<25	<25	**130**	<25	NS	NS	**10,000**	<25	**215**	<25	NS	ND
MW-2	3/2/2005	<25	<25	**85**	<25	NS	NS	**5,450**	<25	**130**	<25	NS	ND
MW-2	12/24/2008	<25	<25	**53**	<25	<25	NS	**7,290**	<25	**223**	<25	NS	ND
MW-2	10/7/2009	<25	<25	**68**	<25	<25	<500	**16,000**	<25	**300**	<25	<2	ND
MW-2	2/11/2010	<25	<25	**74**	<25	NS	NS	**14,000**	<25	**280**	<25	<2	ND
MW-2	5/15/2010	<25	<25	**58**	<25	NS	NS	**10,000**	<25	**220**	<25	<2	ND
MW-2	9/3/2010	<10	<10	**63**	<10	NS	NS	**8,500**	<10	**200**	<10	<2	ND
MW-2	12/11/2010	<25	<25	**48**	<25	NS	NS	**12,000**	<25	**270**	<25	<2	ND
MW-3	3/27/1998	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	5/14/1999	<0.5	<0.5	<0.5	<0.5	NS	NS	**5.2**	<0.5	<0.5	<0.5	NS	ND
MW-3	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	6/2/2000	**0.6**	<0.5	<0.5	<0.5	NS	NS	0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	9/15/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	12/8/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	2.6	<0.5	<0.5	<0.5	NS	ND
MW-3	3/19/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	1.0	<0.5	<0.5	<0.5	NS	ND
MW-3	6/13/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	8/29/2001	<1	<1	<1.0	<3.0	<2.0	<5.0	<1.0	<1.0	<1.0	<3.0	NS	ND
MW-3	11/9/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	9/19/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	3.2	<0.5	<0.5	<0.5	NS	ND
MW-3	12/18/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	3/6/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	1.3	<0.5	<0.5	<0.5	NS	ND
MW-3	5/14/2003	<0.5	<0.5	<0.5	71.6	NS	NS	1.9	<0.5	<0.5	<0.5	NS	ND
MW-3	8/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	3/12/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	6/22/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	2.7	<0.5	<0.5	<0.5	NS	ND
MW-3	9/15/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	3/2/2005	<0.5	<0.5	<0.5	<0.5	NS	NS	1.9	<0.5	<0.5	<0.5	NS	ND
MW-3	12/24/2008	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-3	10/7/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<10	0.83	<0.5	<0.5	<0.5	<2	ND
MW-3	2/11/2010	<0.5	<.05	<0.5	<.05	NS	NS	0.85	<0.5	<0.5	<0.5	<2	ND
MW-3	5/15/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	0.89	<0.5	<0.5	<0.5	<2	ND
MW-3	9/3/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	**21.00**	<0.5	1.6	<0.5	<2	ND
MW-3	12/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	**13.00**	<0.5	1.5	<0.5	<2	ND
MW-4	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	6/2/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	9/15/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	12/8/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	3/19/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	6/13/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	8/29/2001	<1	<1	<1.0	<3.0	<2.0	<5.0	<1.0	<1.0	<1.0	<3.0	NS	ND
MW-4	11/9/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	9/19/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	12/18/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	3/5/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	5/14/2003	<0.5	<0.5	<0.5	28.4	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	8/14/2003	<0.5	<0.5	<0.5	4.1	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	3/12/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	6/22/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	9/15/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	3/2/2005	<0.5	<0.5	<0.5	<0.5	NS	NS	**7.2**	<0.5	<0.5	<0.5	NS	ND
MW-4	12/24/2008	<0.5	<0.5	<0.5	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4	10/7/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<10	0.58	<0.5	<0.5	<0.5	<2	ND
MW-4	2/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	0.77	<0.5	<0.5	<0.5	<2	Chloromethane (.78)
MW-4	5/15/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	0.68	<0.5	<0.5	<0.5	<2	ND

TABLE 6
Volatile Organic Compounds in Groundwater
Crenshaw Park
Los Anglels, California

Sample Identification	Sample Date	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Methyl-Tert-Butylether	Methyl Isobutyl Ketone	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	1,4-Dioxane	Other VOCs
MW-4	9/3/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	**32.00**	<0.5	2.1	<0.5	<2	ND
MW-4	12/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	**16.00**	<0.5	2.0	<0.5	<2	ND
MW-5	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	6/2/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	2.3	<0.5	<0.5	<0.5	NS	ND
MW-5	9/15/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	12/8/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	3/19/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	6/13/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	8/29/2001	<1	<1	<1.0	<3.0	<2.0	<5.0	3.5	<1.0	<1.0	<3.0	NS	ND
MW-5	11/9/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	9/20/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	12/18/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	3/6/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	**8.5**	<0.5	<0.5	<0.5	NS	ND
MW-5	5/15/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	2.6	<0.5	<0.5	<0.5	NS	ND
MW-5	8/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	0.6	<0.5	<0.5	<0.5	NS	ND
MW-5	3/12/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	1.0	<0.5	<0.5	<0.5	NS	ND
MW-5	6/22/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	9/15/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	3/2/2005	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	12/24/2008	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5	10/7/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<2	ND
MW-5	2/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	ND
MW-5	5/15/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	ND
MW-5	9/3/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	0.56	<0.5	<0.5	<0.5	<2	ND
MW-5	12/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	ND
MW-6	6/30/2000	<50	<50	<50	<100	NS	NS	**31,100**	<50	**200**	<50	NS	ND
MW-6	9/15/2000	<50	<50	<50	<100	NS	NS	**33,400**	<50	**170**	<50	NS	ND
MW-6	12/8/2000	<50	<50	<50	<100	NS	NS	**16,500**	<50	**50**	<50	NS	ND
MW-6	3/19/2001	<50	<50	<50	<100	NS	NS	**22,700**	<50	**125**	<50	NS	ND
MW-6	6/13/2001	<50	<50	<50	<100	NS	NS	**25,700**	<50	**132**	<50	NS	ND
MW-6	8/29/2001	<100	<100	<100	<300	<200	<500	**43,400**	<100	**260**	<300	NS	ND
MW-6	11/9/2001	<50	<50	<50	<100	NS	NS	**48,300**	<50	<250	<50	NS	ND
MW-6	9/19/2002	<50	<50	<50	<100	NS	NS	**20,800**	<50	**146**	<50	NS	ND
MW-6	12/19/2002	<50	<50	<50	<100	NS	NS	**10,400**	<50	**130**	<50	NS	ND
MW-6	3/5/2003	<50	<50	<50	<100	NS	NS	**20,300**	<50	**153**	<50	NS	ND
MW-6	5/15/2003	<50	<50	<50	<100	NS	NS	**30,300**	<50	<50	<50	NS	ND
MW-6	8/14/2003	<50	<50	<50	<100	NS	NS	**26,000**	<50	<50	<50	NS	ND
MW-6	3/12/2004	<50	<50	<50	<100	NS	NS	**24,700**	<50	<50	<50	NS	ND
MW-6	6/22/2004	<50	<50	<50	<100	NS	NS	**24,400**	<50	<50	<50	NS	ND
MW-6	9/15/2004	<50	<50	<50	<100	NS	NS	**21,800**	<50	<50	<50	NS	ND
MW-6	3/2/2005	<50	<50	<50	<100	NS	NS	**23,500**	<50	<50	<50	NS	ND
MW-6	12/24/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	10/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	2/11/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	5/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	9/3/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	12/11/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	6/30/2000	<50	<50	<50	<100	NS	NS	**13,300**	<50	**174**	<50	NS	ND
MW-7	9/15/2000	<50	<50	<50	<100	NS	NS	**11,400**	<50	**150**	<50	NS	ND
MW-7	12/8/2000	<50	<50	<50	<100	NS	NS	**13,500**	<50	**200**	<50	NS	ND
MW-7	3/19/2001	<50	<50	<50	<100	NS	NS	**10,300**	<50	**150**	<50	NS	ND
MW-7	6/13/2001	<50	<50	<50	<100	NS	NS	**10,700**	<50	**165**	<50	NS	ND
MW-7	8/29/2001	<1000	<1000	<1000	<3000	<2000	18,000	**311,000**	<1000	**9,110**	<3000	NS	ND
MW-7	11/9/2001	<25000	<25000	<25000	<100	NS	NS	**1,090,000**	<25000	<25000	**355,000**	NS	ND
MW-7	9/19/2002	<50	<50	**9,340**	<100	NS	NS	**97,800**	<50	**3,130**	<50	NS	ND
MW-7	10/1/2002	<50	<50	<0.5	<100	NS	NS	<50	<50	<50	<50	NS	ND
MW-7	12/19/2002	<50	<50	**930**	<100	NS	NS	**7,620**	<50	**262**	<50	NS	ND
MW-7	3/5/2003	<50	<50	**1,360**	<100	NS	NS	**6,700**	<50	**267**	<50	NS	ND
MW-7	5/14/2003	<50	<50	**435**	<100	NS	NS	**10,700**	<50	**222**	<50	NS	ND
MW-7	8/14/2003	<50	<50	**779**	<100	NS	NS	**14,200**	<50	**346**	<50	NS	ND
MW-7	3/12/2004	<50	<50	**476**	<100	NS	NS	**10,700**	<50	**228**	<50	NS	ND
MW-7	6/22/2004	<50	<50	<50	<100	NS	NS	**10,500**	<50	<50	<50	NS	ND
MW-7	9/15/2004	<50	<50	<50	<100	NS	NS	**7,450**	<50	<50	<50	NS	ND
MW-7	3/2/2005	<50	<50	<50	<100	NS	NS	**4,660**	<50	<50	<50	NS	ND
MW-7	12/24/2008	<0.5	<0.5	**19**	<0.5	<0.5	NS	**2,110**	<0.5	**66**	<0.5	NS	ND
MW-7	10/7/2009	<0.5	3.0	**25**	<0.5	<0.5	<10	**1,600**	<0.5	**57**	<0.5	<2	ND
MW-7	2/11/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	5/15/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	9/3/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7	12/11/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	2/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	Chloromethane (1.6)
MW-8	5/15/2010	**0.52**	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	ND
MW-8	9/3/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	ND
MW-8	12/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	<2	ND
S-1	9/19/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	12/19/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	3/5/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	5/14/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	8/14/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	3/12/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	6/22/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	9/15/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	3/2/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	12/24/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-1	10/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	9/20/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	**3,370**	<0.5	**44**	<0.5	NS	ND
S-2	12/19/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	3/5/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	5/14/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	8/14/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	3/12/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	6/22/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	9/15/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	3/2/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	12/24/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND
S-2	10/7/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND

TABLE 6
Volatile Organic Compounds in Groundwater
Crenshaw Park
Los Angles, California

Sample Identification	Sample Date	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Methyl-Tert-Butylether	Methyl Isobutyl Ketone	Tetrachloroethene	Toluene	Trichloroethene	Vinyl chloride	1,4-Dioxane	Other VOCs
QA/QC Data													
MW-1 Duplicate	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	**5.7**	<0.5	0.6	<0.5	NS	ND
MW-2 Dup	6/2/2000	<250	<250	<250	<250	NS	NS	**12,000**	<250	<250	<250	NS	ND
Trip Blank Duplicate	6/2/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-6 Duplicate	8/29/2001	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	NS	ND
MW-2 Duplicate	9/20/2002	<0.5	<0.5	**117**	<0.5	NS	NS	**5,970**	<0.5	**162**	<0.5	NS	ND
MW-6 Duplicate	12/19/2002	<50	<50	<50	<50	NS	NS	**11,000**	<50	**131**	<50	NS	ND
MW-7 Duplicate	3/5/2003	<50	<50	**1,620**	<50	NS	NS	**7,650**	<50	**275**	<50	NS	ND
MW-7 Duplicate	5/14/2003	<50	<50	**442**	<50	NS	NS	**10,500**	<50	**218**	<50	NS	ND
MW-5 Duplicate	8/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	0.7	<0.5	<0.5	<0.5	NS	ND
MW-5 Duplicate	3/12/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	1.1	<0.5	<0.5	<0.5	NS	ND
MW-5 Duplicate	6/22/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	0.8	<0.5	<0.5	<0.5	NS	ND
MW-5 Duplicate	9/15/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-5 Duplicate	3/2/2005	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
MW-4 Duplicate	12/24/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	5/14/1999	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	6/2/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	6/30/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	9/15/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	12/8/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	3/19/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	6/13/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	8/29/2001	<1.0	1.5	<1.0	<3.0	<2.0	<5.0	<1.0	<1.0	<1.0	<3.0	NS	ND
Trip Blanks	11/9/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	9/19/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	9/20/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	12/18/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	12/19/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	3/5/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	3/6/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	5/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	5/15/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	8/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	3/12/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	6/22/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	9/15/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Trip Blanks	3/2/2005	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	5/14/1999	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	3/3/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	6/2/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	6/30/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	9/15/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	12/8/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	3/19/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	1/1/2000	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	8/29/2001	<1.0	1.5	<1.0	<3.0	<2.0	<5.0	<1.0	<1.0	<1.0	<3.0	NS	ND
Equipment Blank	11/9/2001	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	9/19/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	12/18/2002	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	3/5/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	5/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	8/14/2003	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	3/12/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	6/22/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	9/15/2004	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	3/2/2005	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	10/7/2009	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5	<0.5	NS	ND
Equipment Blank	2/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	0.67	<0.5	<0.5	NS	ND
Equipment Blank	5/15/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
EQ-090310	9/3/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	Chloroform (.81)
EQ-121110	12/11/2010	<0.5	<0.5	<0.5	<0.5	NS	NS	<0.5	<0.5	<0.5	<0.5	NS	ND
Regulatory Criteria													
MCL		0.5	NA	6	NA	13	NA	5	150	5	0.5	NA	

Notes:

Results given in milligrams per kilogram (ug/l).
< = Not detected at or above the listed reporting limit.
MCL = California Maximum Contaminant Level as of November 2008.
Bold = Values > MCL.
NS = Not sampled/analyzed.
ND = Not detected.
NA = Not applicable.
Methyl Isobutyl Ketone = 4-Mehyl-2-Pentanone

Appendix A

Laboratory Reports – Vapor Samples

ABC Environmental Laboratories

Mr. Brett Bowyer 12/7/2010
Brett Bowyer Environmental
17011 Beach Blvd., Suite 900
Huntington Beach, CA 92647

Project:	Cameo Cleaners
Project Site:	Cameo Cleaners
Date Sampled:	12/3/2010
Lab Job No.:	B10L012

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 12/3/2010 and analyzed by the following EPA methods:

EPA 8260B (VOCs & Oxygenates) By GC/MS

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.

1640 South Grove Ave., Suite B
Ontario, CA 91761

Tel: (909)923-8628
(562)413-8343
Fax: (909)923-8628

ABC Environmental Laboratories

Client:	Brett Bowyer Environmental	Lab Job No.:	B10L012
Project:	Cameo Cleaners	Date Sampled:	12/3/2010
Project Site:	Cameo Cleaners	Date Received:	12/3/2010
Matrix:	Vapor	Date Analyzed:	12/5/2010
Batch No.:	1205-VOCV	Date Reported:	12/7/2010

EPA 8260B (VOCs & Oxygenates) by GC/MS, Page 1 of 2

Reporting Unit: uL/L (ppm-Vol.)

Date Analyzed		12/05/10	12/05/10			
Dilution Factor		1	1			
Lab Sample I.D.		B10L012-1	B10L012-2			
Client Sample I.D.		Influent	Effluent			
Compound	RL					
Dichlorodifluoromethane	0.10	ND	ND			
Chloromethane	0.15	ND	ND			
Vinyl Chloride	0.10	ND	ND			
Bromomethane	0.15	ND	ND			
Chloroethane	0.10	ND	ND			
Trichlorofluoromethane	0.15	ND	ND			
1,1-Dichloroethene	0.15	ND	ND			
Carbon disulfide	0.15	ND	ND			
Methylene chloride	0.08	ND	ND			
Trans-1,2-Dichloroethene	0.10	ND	ND			
1,1-Dichloroethane	0.08	ND	ND			
2,2-Dichloropropane	0.15	ND	ND			
Cis-1,2-Dichloroethene	0.10	ND	ND			
Bromochloromethane	0.15	ND	ND			
Chloroform	0.08	ND	ND			
1,1,1-Trichloroethane	0.10	ND	ND			
Vinyl acetate	0.25	ND	ND			
Carbontetrachloride	0.08	ND	ND			
1,1-Dichloropropene	0.15	ND	ND			
1,2-Dichloroethane	0.08	ND	ND			
Benzene	0.10	ND	ND			
Trichloroethene	0.10	ND	ND			
1,2-Dichlorpropane	0.15	ND	ND			
Methyl methacrylate	0.15	ND	ND			
Dibromomethane	0.15	ND	ND			
Bromodichloromethane	0.15	ND	ND			
2-Chloroethyl Vinyl Ether	0.10	ND	ND			
Cis-1,3-Dichloropropene	0.15	ND	ND			
Toluene	0.10	ND	ND			
Trans-1,3-Dichloropropene	0.15	ND	ND			
Ethylmethacrylate	0.15	ND	ND			
1,1,2-Trichloroethane	0.10	ND	ND			
Dibromochloromethane	0.15	ND	ND			
1,2-Dibromoethane (EDB)	0.15	ND	ND			
Tetrachloroethene	0.08	6.86	ND			
1,3-Dichloropropane	0.15	ND	ND			
Chlorobenzene	0.10	ND	ND			

RL=Reporting Limit; ND=Not Detected (Below Dilution Factor x RL).

1640 South Grove Ave., Suite B
Ontario, CA 91761

Tel: (909)923-8628
(562)413-8343
Fax: (909)923-8628

ABC Environmental Laboratories

Client:	Brett Bowyer Environmental	Lab Job No.:	B10L012
Project:	Cameo Cleaners	Date Sampled:	12/3/2010
Project Site:	Cameo Cleaners	Date Received:	12/3/2010
Matrix:	Vapor	Date Analyzed:	12/5/2010
Batch No.:	1205-VOCV	Date Reported:	12/7/2010

EPA 8260B (VOCs & Oxygenates) by GC/MS, Page 2 of 2

Reporting Unit: uL/L (ppm-Vol.)

Date Analyzed		12/05/10	12/05/10			
Dilution Factor		1	1			
Lab Sample I.D.		B10L012-1	B10L012-2			
Client Sample I.D.		Influent	Effluent			
Compound	RL					
1,1,1,2-Tetrachloroethane	0.10	ND	ND			
Ethylbenzene	0.10	ND	ND			
Total Xylene	0.10	ND	ND			
Styrene	0.15	ND	ND			
Bromoform	0.15	ND	ND			
Isopropyl benzene	0.10	ND	ND			
Bromobenzene	0.20	ND	ND			
1,2,3-Trichloropropane	0.15	ND	ND			
1,1,2,2,-Tetrachloroethane	0.15	ND	ND			
Trans-1,4-dichloro-2-butene	0.15	ND	ND			
2-Chlorotoluene	0.15	ND	ND			
n-Propyl benzene	0.10	ND	ND			
4-Chlorotoluene	0.15	ND	ND			
1,3,5-Trimethyl benzene	0.10	ND	ND			
tert-Butylbenzene	0.15	ND	ND			
p-Isopropyl toluene	0.15	ND	ND			
1,2,4-Trimethyl benzene	0.10	ND	ND			
sec-Butylbenzene	0.15	ND	ND			
1,3-Dichlorobenzene	0.15	ND	ND			
1,4-Dichlorobenzene	0.15	ND	ND			
1,2-Dichlorobenzene	0.15	ND	ND			
n-Butylbenzene	0.10	ND	ND			
1,2-Dibromo-3-chloropropan	0.15	ND	ND			
1,2,4-Trichlorobenzene	0.15	ND	ND			
Hexachlorobutadiene	0.25	ND	ND			
Naphthalene	0.25	ND	ND			
1,2,3-Trichlorobenzene	0.25	ND	ND			
Aceton	3.9	ND	ND			
2-Butanone(MEK)	3.1	ND	ND			
MTBE	0.12	ND	ND			
Methyl Isobutyl Ketone	2.8	ND	ND			
Ethyl-t-butyl Ether(ETBE)	0.12	ND	ND			
Diisopropyl ether (DIPE)	0.12	ND	ND			
TAME	0.12	ND	ND			
t-Butanol	1.5	ND	ND			

RL=Reporting Limit; ND=Not Detected (Below Dilution Factor x RL).

1640 South Grove Ave., Suite B
Ontario, CA 91761

Tel: (909)923-8628
(562)413-8343
Fax: (909)923-8628

ABC Environmental Laboratories

EPA 8260B
Batch QA/QC Report

Client:	Brett Bowyer Environmental	Lab Job No.:	B10L012
Project:	Cameo Cleaners	Lab Sample ID:	B10L012-1
Matrix:	Vapor	Date Analyzed:	12/5/2010
Batch No.:	1205-VOCV	Date Reported:	12/7/2010

MB/LCS Report

Unit: mg/kg (PPM)

Compound	MB	Report Value	True Value	Rec. %	Accept Limit
1,1-Dichloroethene	ND	21.3	20	107	80 -120
Benzene	ND	18.7	20	94	80 -120
Trichloroethene	ND	18.3	20	92	80 -120
Toluene	ND	17.9	20	90	80 -120
Chlorobenzene	ND	18.4	20	92	80 -120

Sample/Sample Dup. Report

Unit: mg/kg (PPM)

Analyte	Sample Conc.	Sample Duplicate	%RPD	%RPD Accept Limit
1,1-Dichloroethene	ND	ND	0	≤30
Benzene	ND	ND	0	≤30
Trichloroethene	ND	ND	0	≤30
Toluene	ND	ND	0	≤30
Chlorobenzene	ND	ND	0	≤30

ND: Not Detected (Below RL).

MB: Method Blank.

1640 South Grove Ave., Suite B
Ontario, CA 91761

Tel: (909)923-8628
(562)413-8343
Fax: (909)923-8628

ABC Environmental Laboratories, Inc.

1640B S. Grove Ave., Ontario, CA 91761
Tel: 562-413-8343
Tel/ Fax: 909-923-8628

CHAIN OF CUSTODY

Lab Job Number B10L012

Client Name: BEC - BRETT BENSLEY
Address: 17011 BEACH BLVD. SUITE 900 HUNTINGTON BEACH CA 92647
Report Attention
Phone #: 577 232 46[illegible]
Fax: #: 714 840 4963
Sampled By: Teddy
Project No./ Name
Project Site: QUEEN CLEANERS

Sample Receipt Conditions
- ☐ Chilled
- ☒ Intact
- ☐ Sample Seal

Turn Around Time Requested
- ☐ Rush 8 12 24 48 Hours
- ☒ Normal

Client Sample ID	Lab Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	EPA8021B (BTEX & MTBE)	EPA8015M / 8015B (Gasoline)	EPA8015M / 8015B (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA418.1 (TRPH)	EPA8015M (Carbon Chain)	EPA 7000s (Metals)	CAM 17 Metals					Remarks
INFLUENT	B10L012-1	12/3/10	1011	AIR		1T	X															
EFFLUENT	↓ -2	12/3/10	1013	AIR		1T	X															

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	ERS	12/3/10	1019	[signature]	ABC	12/3/10	10:19
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=HNO_3; SH=NaOH; ST=$Na_2S_2O_3$; HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

Appendix B

Field Forms – Groundwater Sampling

EMC

Environmental Services

Project Name: Cameo Cleaners
Site Adress: 3650 Crenshaw, LA.

Date: 12/11/10

Well ID	Depth to Water (feet)	Depth to Product (feet)	Total Depth (feet)	Total Product (feet)	Well Condition		
mw-8	16.14						
mw-5	16.38						
mw-2	14.86						
mw-1	16.01						
mw-4	13.29						
S-1	13.60						
S-2	13.75						
mw-6	14.30						
mw-3	13.25						
mw-7	15.07						

EMC

Environmental Services

GROUNDWATER SAMPLING FORM

Job Name: Cameo Cleaners

Job Number:

Well Number: MW-1

Date: 12/11/10

Sampled By: EMC

WELL DETAILS

Total Depth of Well: 24.42

Screened Interval: NA

Depth to Water: 16.01

Casing Diameter: 4"

Number of Well Vol. Purged: NA

Purge Volume:

Purge Method: Low-Flow

Pump Intake Setting: 20'

Purging Equip Type: Low-Flow

Sampling Equip Type: Ded. tubing

Purge Volume Calculation = [TD(ft) - DTW(ft) * Dia(in)^2 * # of well volumes * 0.0408]

WATER PARAMETER MEASUREMENTS

Time (2400 hr)	Amount Purged	pH (units)	DO (mg/L) (%)	Temperature (°F) (C)	Conductivity (mS/cm) (umhos/cm)	Turbidity (ntu)	ORP
0850	200mL/m	7.61	1.17	19.42	3012	-19.2	12
0853		7.21	0.91	19.01	2621	-3.2	5
0856		7.26	0.86	19.07	2542	-1.0	8
0859		7.19	0.83	19.06	2541	-0.9	7
0902		7.20	0.84	19.05	2540	-0.8	6

Actual Purge Volume: 2400mL

Sampling Method: Dedicated tubing

Discharge Waste Disposal: Drum On-site

Depth to Water at Time of Sample: 16.26

Analysis/Sample Container: Various

Time/Date Sample Collected: 12/11/10 0915

Duplicate Sample Number:

80% Recharge Confirmed: NA

EMC

Environmental Services

GROUNDWATER SAMPLING FORM

Job Name: Cameo Cleaners

Job Number:

Well Number: MW-2

Date: 12/11/10

Sampled By: EMC

WELL DETAILS

Total Depth of Well: 24.37

Screened Interval: NA

Depth to Water: 14.86

Casing Diameter: 4"

Number of Well Vol. Purged: NA

Purge Volume:

Purge Method: Low-Flow

Pump Intake Setting: CDS

Purging Equip Type: Low-Flow

Sampling Equip Type: ded. tub.

Purge Volume Calculation = [TD(ft) - DTW(ft) * Dia(in)^2 * # of well volumes * 0.0408]

WATER PARAMETER MEASUREMENTS

Time (2400 hr)	Amount Purged	pH (units)	DO (mg/L) (%)	Temperature (°F) (C)	Conductivity (mS/cm) (umhos/cm)	Turbidity (ntu)	ORP
0806	200mL/min	7.62	1.47	19.76	3921	16	16
0809	↓	7.42	0.62	19.32	3615	5	-12.7
0812		7.39	0.60	19.15	3421	3	-13.1
0815		7.36	0.59	19.14	3420	7	-13.6
0817		7.35	0.58	19.15	3418	2	-13.5

Actual Purge Volume: 2400mL/min

Sampling Method: Dedicated tubing

Discharge Waste Disposal: Drum On-site

Depth to Water at Time of Sample: 14.97

Analysis/Sample Container: Various

Time/Date Sample Collected: 12/11/10 0820

Duplicate Sample Number: ~~DUP~~

80% Recharge Confirmed: NA

EMC

Environmental Services

GROUNDWATER SAMPLING FORM

Job Name: Cinnco Cleaners

Job Number:

Well Number: MW-3

Date: 12/11/10

Sampled By: EMC

WELL DETAILS

Total Depth of Well: 24.49

Screened Interval: NA

Depth to Water: 13.25

Casing Diameter: 4"

Number of Well Vol. Purged: NA

Purge Volume:

Purge Method: Low-Flow

Pump Intake Setting: CDS

Purging Equip Type: Low-Flow

Sampling Equip Type: ded. tubing

Purge Volume Calculation = [TD(ft) - DTW(ft) * Dia(in)^2 * # of well volumes * 0.0408]

WATER PARAMETER MEASUREMENTS

Time (2400 hr)	Amount Purged	pH (units)	DO (mg/L) (%)	Temperature (°F) (C)	Conductivity (mS/cm) (umhos/cm)	Turbidity (ntu)	ORP
1047	200ml/m	7.76	1.26	20.01	3621	52	-26.7
1050		7.32	0.76	19.75	2421	46	-32.5
1053		7.31	0.75	19.62	2406	21	-35.2
1056		7.30	0.72	19.59	2405	16	-36.2
1059		7.29	0.71	19.58	2406	13	-36.1
1102		7.28	070	19.57	2404	12	-36.1

Actual Purge Volume: 3000ml

Sampling Method: Dedicated tubing

Discharge Waste Disposal: Drum On-site

Depth to Water at Time of Sample: 13.49

Analysis/Sample Container: Various

Time/Date Sample Collected: 12/11/10 1102

Duplicate Sample Number:

80% Recharge Confirmed: NA

EMC

Environmental Services

GROUNDWATER SAMPLING FORM

Job Name: Cimco Cleaners

Job Number:

Well Number: MW-4

Date: 12/11/10

Sampled By: EMC

WELL DETAILS

Total Depth of Well: 24.72

Screened Interval: NA

Depth to Water: 13.29

Casing Diameter: 4"

Number of Well Vol. Purged: NA

Purge Volume: 2400mL

Purge Method: Low-Flow

Pump Intake Setting: 20 S

Purging Equip Type: Low-Flow

Sampling Equip Type: ded. tub

Purge Volume Calculation = [TD(ft) - DTW(ft) * Dia(in)^2 * # of well volumes * 0.0408]

WATER PARAMETER MEASUREMENTS

Time (2400 hr)	Amount Purged	pH (units)	DO (mg/L) (%)	Temperature (°F) (C)	Conductivity (mS/cm) (umhos/cm)	Turbidity (ntu)	ORP
0952	200mL/m	7.93	2.15	19.96	2932	12	-29.2
0955	"	7.35	1.21	19.41	2412	5	-36.1
0958	"	7.36	1.00	19.31	2341	7	-31.1
1001	"	7.37	0.99	19.31	2340	6	-30.1
1004	"	7.36	0.97	19.30	2346	5	-30.2

Actual Purge Volume: 2400mL

Sampling Method: Dedicated tubing

Discharge Waste Disposal: Drum On-site

Depth to Water at Time of Sample: 13.59

Analysis/Sample Container: Various

Time/Date Sample Collected: 12/11/10 1015

Duplicate Sample Number:

80% Recharge Confirmed: NA

EMC

Environmental Services

GROUNDWATER SAMPLING FORM

Job Name: Cameo Cleaners

Job Number:

Well Number: MW-5

Date: 12/11/10

Sampled By: EMC

WELL DETAILS

Total Depth of Well: 24.55

Screened Interval: NA

Depth to Water: 16.38

Casing Diameter: 4"

Number of Well Vol. Purged: NA

Purge Volume: —

Purge Volume Calculation = [TD(ft) - DTW(ft) * Dia(in)^2 * # of well volumes * 0.0408]

Purge Method: Low-Flow

Pump Intake Setting: Bottom (Centered)

Purging Equip Type: Low-Flow

Sampling Equip Type: ded. tub.

WATER PARAMETER MEASUREMENTS

Time (2400 hr)	Amount Purged	pH (units)	DO (mg/L) (%)	Temperature (°F) (C)	Conductivity (mS/cm) (umhos/cm)	Turbidity (ntu)	ORP
0650	200ml/m	7.75	1.21	19.05	30.96	36	-32
0655		7.31	0.76	19.14	2421	14	-41
0700		7.30	0.44	19.13	2426	11	-87
0703		7.29	0.45	19.15	2424	5	-86
0706		7.28	0.42	19.14	2426	6	-87

Actual Purge Volume: ~~200ml/m~~ 2900

Sampling Method: Dedicated tubing

Discharge Waste Disposal: Drum On-site

Depth to Water at Time of Sample: 16.58

Analysis/Sample Container: Various

Time/Date Sample Collected: 12/11/10 0715

Duplicate Sample Number:

80% Recharge Confirmed: NA

EMC

Environmental Services

GROUNDWATER SAMPLING FORM

Job Name: Comco Cleaners

Job Number:

Well Number: MW-8

Date: 12/11/10

Sampled By: EMC

WELL DETAILS

Total Depth of Well: 24.97

Screened Interval: NA

Depth to Water: 16.14

Casing Diameter: 2"

Number of Well Vol. Purged: NA

Purge Volume:

Purge Volume Calculation = [TD(ft) - DTW(ft) * Dia(in)^2 * # of well volumes * 0.0408]

Purge Method: Standard low flow

Pump Intake Setting: bottom

Purging Equip Type: Grundfos

Sampling Equip Type: ~~Bailer~~ dedicated tub.

WATER PARAMETER MEASUREMENTS

Time (2400 hr)	Amount Purged	pH (units)	DO (mg/L) (%)	Temperature (°F) (C)	Conductivity (mS/cm) (umhos/cm)	Turbidity (ntu)	ORP
0600	200 mL/m	7.05	2.05	19.16	2702	112	42.1
0605	↓	6.83	1.10	19.02	1941	46	-27.2
0610	↓	6.81	0.86	19.01	1939	32	-27.9
0615	↓	6.82	0.83	19.02	1936	42	-28.3
0618		6.81	0.84	19.01	1941	39	-27.9

EMC

Actual Purge Volume: 2400 mL

Sampling Method: Dedicated tubing

Discharge Waste Disposal: Drum On-site

Depth to Water at Time of Sample: 16.38

Analysis/Sample Container: Various

Time/Date Sample Collected: 12/11/10 0620

Duplicate Sample Number:

80% Recharge Confirmed: NA

Appendix C

Laboratory Reports –
Groundwater Samples

December 21, 2010

Brett Bowyer
Bowyer Environmental Consulting
17011 Beach Blvd., Suite 900
Huntington Beach, CA 92647

TEL: (877) 232-4620
FAX: (714) 840-4963

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 115220

RE: Cameo Cleaners

Attention: Brett Bowyer

Enclosed are the results for sample(s) received on December 13, 2010 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Bowyer Environmental Consulting
Project: Cameo Cleaners
Lab Order: 115220

CASE NARRATIVE

Analytical Comments for Method 8260

Dilution was necessary for samples 115220-003A and 115220-004A, due to sample matrix.

Analytical Comments for Method 8270

Surrogate recovery biased low for sample 115220-006B, possibly due to matrix interferences.

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-8
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-001A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
2-Chlorotoluene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
4-Chlorotoluene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Benzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Bromobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Bromodichloromethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Bromoform	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Bromomethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Carbon tetrachloride	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Chlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Chloroethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Chloroform	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Chloromethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	12/15/2010 11:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-8
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-001A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Dibromochloromethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Dibromomethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Ethylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Isopropylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
m,p-Xylene	ND	1.0		µg/L	1	12/15/2010 11:23 PM
Methylene chloride	ND	1.0		µg/L	1	12/15/2010 11:23 PM
n-Butylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
n-Propylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Naphthalene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
o-Xylene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
sec-Butylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Styrene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
tert-Butylbenzene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Tetrachloroethene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Toluene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Trichloroethene	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Vinyl chloride	ND	0.50		µg/L	1	12/15/2010 11:23 PM
Surr: 1,2-Dichloroethane-d4	129	70-130		%REC	1	12/15/2010 11:23 PM
Surr: 4-Bromofluorobenzene	104	70-130		%REC	1	12/15/2010 11:23 PM
Surr: Dibromofluoromethane	103	70-130		%REC	1	12/15/2010 11:23 PM
Surr: Toluene-d8	103	70-130		%REC	1	12/15/2010 11:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-8
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-001B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
EPA 3510C				**EPA 8270C(M)**		
RunID: MS 13_101217F	QC Batch: 68994			PrepDate: 12/16/2010		Analyst: **DMP**
1,4-Dioxane	ND	2.0		µg/L	1	12/17/2010 10:51 PM
Surr: 1,2-Dichlorobenzene-d4	72.9	46-97		%REC	1	12/17/2010 10:51 PM
Surr: 2,4,6-Tribromophenol	90.0	59-124		%REC	1	12/17/2010 10:51 PM
Surr: 2-Chlorophenol-d4	66.8	49-93		%REC	1	12/17/2010 10:51 PM
Surr: 2-Fluorobiphenyl	74.1	57-107		%REC	1	12/17/2010 10:51 PM
Surr: 2-Fluorophenol	44.2	27-60		%REC	1	12/17/2010 10:51 PM
Surr: 4-Terphenyl-d14	79.1	69-132		%REC	1	12/17/2010 10:51 PM
Surr: Nitrobenzene-d5	70.0	52-107		%REC	1	12/17/2010 10:51 PM
Surr: Phenol-d5	33.8	15-50		%REC	1	12/17/2010 10:51 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-5
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-002A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
2-Chlorotoluene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
4-Chlorotoluene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Benzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Bromobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Bromodichloromethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Bromoform	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Bromomethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Carbon tetrachloride	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Chlorobenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Chloroethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Chloroform	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Chloromethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	12/15/2010 11:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-5
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-002A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Dibromochloromethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Dibromomethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Ethylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Isopropylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
m,p-Xylene	ND	1.0		µg/L	1	12/15/2010 11:44 PM
Methylene chloride	ND	1.0		µg/L	1	12/15/2010 11:44 PM
n-Butylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
n-Propylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Naphthalene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
o-Xylene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
sec-Butylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Styrene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
tert-Butylbenzene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Tetrachloroethene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Toluene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Trichloroethene	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Vinyl chloride	ND	0.50		µg/L	1	12/15/2010 11:44 PM
Surr: 1,2-Dichloroethane-d4	123	70-130		%REC	1	12/15/2010 11:44 PM
Surr: 4-Bromofluorobenzene	95.9	70-130		%REC	1	12/15/2010 11:44 PM
Surr: Dibromofluoromethane	98.8	70-130		%REC	1	12/15/2010 11:44 PM
Surr: Toluene-d8	96.2	70-130		%REC	1	12/15/2010 11:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-5
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-002B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
EPA 3510C				**EPA 8270C(M)**		
RunID: MS 13_101217F	QC Batch: 68994			PrepDate: 12/16/2010		Analyst: **DMP**
1,4-Dioxane	ND	2.0		µg/L	1	12/17/2010 11:19 PM
Surr: 1,2-Dichlorobenzene-d4	64.0	46-97		%REC	1	12/17/2010 11:19 PM
Surr: 2,4,6-Tribromophenol	81.6	59-124		%REC	1	12/17/2010 11:19 PM
Surr: 2-Chlorophenol-d4	59.2	49-93		%REC	1	12/17/2010 11:19 PM
Surr: 2-Fluorobiphenyl	69.0	57-107		%REC	1	12/17/2010 11:19 PM
Surr: 2-Fluorophenol	37.6	27-60		%REC	1	12/17/2010 11:19 PM
Surr: 4-Terphenyl-d14	73.7	69-132		%REC	1	12/17/2010 11:19 PM
Surr: Nitrobenzene-d5	60.9	52-107		%REC	1	12/17/2010 11:19 PM
Surr: Phenol-d5	28.8	15-50		%REC	1	12/17/2010 11:19 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit
	Results are wet unless otherwise specified

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-1
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-003A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,1-Dichloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,1-Dichloroethene	0.89	0.50		µg/L	1	12/16/2010 12:24 AM
1,1-Dichloropropene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2-Dibromoethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2-Dichloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,2-Dichloropropane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,3-Dichloropropane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
2,2-Dichloropropane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
2-Chlorotoluene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
4-Chlorotoluene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
4-Isopropyltoluene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Benzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Bromobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Bromodichloromethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Bromoform	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Bromomethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Carbon tetrachloride	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Chlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Chloroethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Chloroform	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Chloromethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
cis-1,2-Dichloroethene	8.4	0.50		µg/L	1	12/16/2010 12:24 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-1
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-003A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Dibromochloromethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Dibromomethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Dichlorodifluoromethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Ethylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Hexachlorobutadiene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Isopropylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
m,p-Xylene	ND	1.0		µg/L	1	12/16/2010 12:24 AM
Methylene chloride	ND	1.0		µg/L	1	12/16/2010 12:24 AM
n-Butylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
n-Propylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Naphthalene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
o-Xylene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
sec-Butylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Styrene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
tert-Butylbenzene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Tetrachloroethene	600	5.0		µg/L	10	12/16/2010 12:44 AM
Toluene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Trichloroethene	190	5.0		µg/L	10	12/16/2010 12:44 AM
Trichlorofluoromethane	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Vinyl chloride	ND	0.50		µg/L	1	12/16/2010 12:24 AM
Surr: 1,2-Dichloroethane-d4	127	70-130		%REC	1	12/16/2010 12:24 AM
Surr: 1,2-Dichloroethane-d4	125	70-130		%REC	10	12/16/2010 12:44 AM
Surr: 4-Bromofluorobenzene	96.5	70-130		%REC	10	12/16/2010 12:44 AM
Surr: 4-Bromofluorobenzene	98.5	70-130		%REC	1	12/16/2010 12:24 AM
Surr: Dibromofluoromethane	103	70-130		%REC	1	12/16/2010 12:24 AM
Surr: Dibromofluoromethane	101	70-130		%REC	10	12/16/2010 12:44 AM
Surr: Toluene-d8	95.0	70-130		%REC	10	12/16/2010 12:44 AM
Surr: Toluene-d8	96.6	70-130		%REC	1	12/16/2010 12:24 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-1
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-003B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
EPA 3510C				**EPA 8270C(M)**		
RunID: MS 13_101217F	QC Batch: 68994			PrepDate: 12/16/2010		Analyst: **DMP**
1,4-Dioxane	ND	2.0		µg/L	1	12/17/2010 11:48 PM
Surr: 1,2-Dichlorobenzene-d4	66.1	46-97		%REC	1	12/17/2010 11:48 PM
Surr: 2,4,6-Tribromophenol	79.9	59-124		%REC	1	12/17/2010 11:48 PM
Surr: 2-Chlorophenol-d4	61.0	49-93		%REC	1	12/17/2010 11:48 PM
Surr: 2-Fluorobiphenyl	69.9	57-107		%REC	1	12/17/2010 11:48 PM
Surr: 2-Fluorophenol	39.1	27-60		%REC	1	12/17/2010 11:48 PM
Surr: 4-Terphenyl-d14	71.8	69-132		%REC	1	12/17/2010 11:48 PM
Surr: Nitrobenzene-d5	62.6	52-107		%REC	1	12/17/2010 11:48 PM
Surr: Phenol-d5	29.4	15-50		%REC	1	12/17/2010 11:48 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit
	Results are wet unless otherwise specified

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-2
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-004A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS12_101217A QC Batch: Y10VW016 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,1,1-Trichloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,1,2,2-Tetrachloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,1,2-Trichloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,1-Dichloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,1-Dichloroethene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,1-Dichloropropene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2,3-Trichlorobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2,3-Trichloropropane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2,4-Trichlorobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2,4-Trimethylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2-Dibromo-3-chloropropane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2-Dibromoethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2-Dichlorobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2-Dichloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,2-Dichloropropane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,3,5-Trimethylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,3-Dichlorobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
1,3-Dichloropropane	ND	25		µg/L	50	12/17/2010 02:03 PM
1,4-Dichlorobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
2,2-Dichloropropane	ND	25		µg/L	50	12/17/2010 02:03 PM
2-Chlorotoluene	ND	25		µg/L	50	12/17/2010 02:03 PM
4-Chlorotoluene	ND	25		µg/L	50	12/17/2010 02:03 PM
4-Isopropyltoluene	ND	25		µg/L	50	12/17/2010 02:03 PM
Benzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Bromobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Bromodichloromethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Bromoform	ND	25		µg/L	50	12/17/2010 02:03 PM
Bromomethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Carbon tetrachloride	ND	25		µg/L	50	12/17/2010 02:03 PM
Chlorobenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Chloroethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Chloroform	ND	25		µg/L	50	12/17/2010 02:03 PM
Chloromethane	ND	25		µg/L	50	12/17/2010 02:03 PM
cis-1,2-Dichloroethene	48	25		µg/L	50	12/17/2010 02:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-2
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-004A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS12_101217A QC Batch: Y10VW016 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	25		µg/L	50	12/17/2010 02:03 PM
Dibromochloromethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Dibromomethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Dichlorodifluoromethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Ethylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Hexachlorobutadiene	ND	25		µg/L	50	12/17/2010 02:03 PM
Isopropylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
m,p-Xylene	ND	50		µg/L	50	12/17/2010 02:03 PM
Methylene chloride	ND	50		µg/L	50	12/17/2010 02:03 PM
n-Butylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
n-Propylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Naphthalene	ND	25		µg/L	50	12/17/2010 02:03 PM
o-Xylene	ND	25		µg/L	50	12/17/2010 02:03 PM
sec-Butylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Styrene	ND	25		µg/L	50	12/17/2010 02:03 PM
tert-Butylbenzene	ND	25		µg/L	50	12/17/2010 02:03 PM
Tetrachloroethene	12000	250		µg/L	500	12/17/2010 02:23 PM
Toluene	ND	25		µg/L	50	12/17/2010 02:03 PM
trans-1,2-Dichloroethene	ND	25		µg/L	50	12/17/2010 02:03 PM
Trichloroethene	270	25		µg/L	50	12/17/2010 02:03 PM
Trichlorofluoromethane	ND	25		µg/L	50	12/17/2010 02:03 PM
Vinyl chloride	ND	25		µg/L	50	12/17/2010 02:03 PM
Surr: 1,2-Dichloroethane-d4	99.8	70-130		%REC	50	12/17/2010 02:03 PM
Surr: 1,2-Dichloroethane-d4	102	70-130		%REC	500	12/17/2010 02:23 PM
Surr: 4-Bromofluorobenzene	106	70-130		%REC	500	12/17/2010 02:23 PM
Surr: 4-Bromofluorobenzene	96.5	70-130		%REC	50	12/17/2010 02:03 PM
Surr: Dibromofluoromethane	103	70-130		%REC	50	12/17/2010 02:03 PM
Surr: Dibromofluoromethane	104	70-130		%REC	500	12/17/2010 02:23 PM
Surr: Toluene-d8	110	70-130		%REC	500	12/17/2010 02:23 PM
Surr: Toluene-d8	106	70-130		%REC	50	12/17/2010 02:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-2
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-004B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
EPA 3510C				**EPA 8270C(M)**		
RunID: MS 13_101217F	QC Batch: 68994			PrepDate: 12/16/2010		Analyst: **DMP**
1,4-Dioxane	ND	2.0		µg/L	1	12/18/2010 12:16 AM
Surr: 1,2-Dichlorobenzene-d4	67.4	46-97		%REC	1	12/18/2010 12:16 AM
Surr: 2,4,6-Tribromophenol	80.4	59-124		%REC	1	12/18/2010 12:16 AM
Surr: 2-Chlorophenol-d4	60.1	49-93		%REC	1	12/18/2010 12:16 AM
Surr: 2-Fluorobiphenyl	67.7	57-107		%REC	1	12/18/2010 12:16 AM
Surr: 2-Fluorophenol	38.7	27-60		%REC	1	12/18/2010 12:16 AM
Surr: 4-Terphenyl-d14	74.1	69-132		%REC	1	12/18/2010 12:16 AM
Surr: Nitrobenzene-d5	61.5	52-107		%REC	1	12/18/2010 12:16 AM
Surr: Phenol-d5	28.5	15-50		%REC	1	12/18/2010 12:16 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-4
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-005A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,1-Dichloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,1-Dichloroethene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,1-Dichloropropene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2-Dibromoethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2-Dichloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,2-Dichloropropane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,3-Dichloropropane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
2,2-Dichloropropane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
2-Chlorotoluene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
4-Chlorotoluene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
4-Isopropyltoluene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Benzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Bromobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Bromodichloromethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Bromoform	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Bromomethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Carbon tetrachloride	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Chlorobenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Chloroethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Chloroform	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Chloromethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	12/16/2010 12:04 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-4
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-005A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS2_101215A QC Batch: Q10VW260 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Dibromochloromethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Dibromomethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Dichlorodifluoromethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Ethylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Hexachlorobutadiene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Isopropylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
m,p-Xylene	ND	1.0		µg/L	1	12/16/2010 12:04 AM
Methylene chloride	ND	1.0		µg/L	1	12/16/2010 12:04 AM
n-Butylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
n-Propylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Naphthalene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
o-Xylene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
sec-Butylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Styrene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
tert-Butylbenzene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Tetrachloroethene	16	0.50		µg/L	1	12/16/2010 12:04 AM
Toluene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Trichloroethene	2.0	0.50		µg/L	1	12/16/2010 12:04 AM
Trichlorofluoromethane	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Vinyl chloride	ND	0.50		µg/L	1	12/16/2010 12:04 AM
Surr: 1,2-Dichloroethane-d4	126	70-130		%REC	1	12/16/2010 12:04 AM
Surr: 4-Bromofluorobenzene	99.6	70-130		%REC	1	12/16/2010 12:04 AM
Surr: Dibromofluoromethane	102	70-130		%REC	1	12/16/2010 12:04 AM
Surr: Toluene-d8	97.7	70-130		%REC	1	12/16/2010 12:04 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-4
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-005B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
EPA 3510C				**EPA 8270C(M)**		
RunID: MS 13_101217F	QC Batch: 68994			PrepDate: 12/16/2010		Analyst: **DMP**
1,4-Dioxane	ND	2.0		µg/L	1	12/18/2010 12:45 AM
Surr: 1,2-Dichlorobenzene-d4	71.6	46-97		%REC	1	12/18/2010 12:45 AM
Surr: 2,4,6-Tribromophenol	82.0	59-124		%REC	1	12/18/2010 12:45 AM
Surr: 2-Chlorophenol-d4	65.4	49-93		%REC	1	12/18/2010 12:45 AM
Surr: 2-Fluorobiphenyl	73.4	57-107		%REC	1	12/18/2010 12:45 AM
Surr: 2-Fluorophenol	41.2	27-60		%REC	1	12/18/2010 12:45 AM
Surr: 4-Terphenyl-d14	73.9	69-132		%REC	1	12/18/2010 12:45 AM
Surr: Nitrobenzene-d5	66.2	52-107		%REC	1	12/18/2010 12:45 AM
Surr: Phenol-d5	30.6	15-50		%REC	1	12/18/2010 12:45 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit
	Results are wet unless otherwise specified

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-3
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-006A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS12_101217A QC Batch: Y10VW016 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
2-Chlorotoluene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
4-Chlorotoluene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Benzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Bromobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Bromodichloromethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Bromoform	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Bromomethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Carbon tetrachloride	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Chlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Chloroethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Chloroform	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Chloromethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	12/17/2010 01:24 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit
	Results are wet unless otherwise specified

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-3
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-006A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS12_101217A QC Batch: Y10VW016 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Dibromochloromethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Dibromomethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Ethylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Isopropylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
m,p-Xylene	ND	1.0		µg/L	1	12/17/2010 01:24 PM
Methylene chloride	ND	1.0		µg/L	1	12/17/2010 01:24 PM
n-Butylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
n-Propylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Naphthalene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
o-Xylene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
sec-Butylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Styrene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
tert-Butylbenzene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Tetrachloroethene	13	0.50		µg/L	1	12/17/2010 01:24 PM
Toluene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Trichloroethene	1.5	0.50		µg/L	1	12/17/2010 01:24 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Vinyl chloride	ND	0.50		µg/L	1	12/17/2010 01:24 PM
Surr: 1,2-Dichloroethane-d4	100	70-130		%REC	1	12/17/2010 01:24 PM
Surr: 4-Bromofluorobenzene	98.3	70-130		%REC	1	12/17/2010 01:24 PM
Surr: Dibromofluoromethane	105	70-130		%REC	1	12/17/2010 01:24 PM
Surr: Toluene-d8	110	70-130		%REC	1	12/17/2010 01:24 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	MW-3
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-006B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-DIOXANE BY GC/MS: ISOTOPE DILUTION TECHNIQUE						
EPA 3510C				**EPA 8270C(M)**		
RunID: MS 13_101217F	QC Batch: 68994			PrepDate: 12/16/2010		Analyst: **DMP**
1,4-Dioxane	ND	2.0		µg/L	1	12/18/2010 01:13 AM
Surr: 1,2-Dichlorobenzene-d4	63.8	46-97		%REC	1	12/18/2010 01:13 AM
Surr: 2,4,6-Tribromophenol	74.1	59-124		%REC	1	12/18/2010 01:13 AM
Surr: 2-Chlorophenol-d4	57.7	49-93		%REC	1	12/18/2010 01:13 AM
Surr: 2-Fluorobiphenyl	64.3	57-107		%REC	1	12/18/2010 01:13 AM
Surr: 2-Fluorophenol	38.0	27-60		%REC	1	12/18/2010 01:13 AM
Surr: 4-Terphenyl-d14	67.6	69-132	S	%REC	1	12/18/2010 01:13 AM
Surr: Nitrobenzene-d5	58.2	52-107		%REC	1	12/18/2010 01:13 AM
Surr: Phenol-d5	28.6	15-50		%REC	1	12/18/2010 01:13 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	EQ-121110
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-007A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS12_101217A QC Batch: Y10VW016 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
2-Chlorotoluene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
4-Chlorotoluene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Benzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Bromobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Bromodichloromethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Bromoform	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Bromomethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Carbon tetrachloride	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Chlorobenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Chloroethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Chloroform	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Chloromethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	12/17/2010 01:04 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	Bowyer Environmental Consulting	**Client Sample ID:**	EQ-121110
Lab Order:	115220	**Collection Date:**	12/11/2010
Project:	Cameo Cleaners	**Matrix:**	GROUNDWATER
Lab ID:	115220-007A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS12_101217A QC Batch: Y10VW016 PrepDate: Analyst: **SLL**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Dibromochloromethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Dibromomethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Ethylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Isopropylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
m,p-Xylene	ND	1.0		µg/L	1	12/17/2010 01:04 PM
Methylene chloride	ND	1.0		µg/L	1	12/17/2010 01:04 PM
n-Butylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
n-Propylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Naphthalene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
o-Xylene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
sec-Butylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Styrene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
tert-Butylbenzene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Tetrachloroethene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Toluene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Trichloroethene	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Vinyl chloride	ND	0.50		µg/L	1	12/17/2010 01:04 PM
Surr: 1,2-Dichloroethane-d4	94.3	70-130		%REC	1	12/17/2010 01:04 PM
Surr: 4-Bromofluorobenzene	95.0	70-130		%REC	1	12/17/2010 01:04 PM
Surr: Dibromofluoromethane	99.8	70-130		%REC	1	12/17/2010 01:04 PM
Surr: Toluene-d8	108	70-130		%REC	1	12/17/2010 01:04 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q101215LCS1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127825**
Client ID: **LCSW** Batch ID: **Q10VW260** TestNo: **EPA 8260B** Analysis Date: **12/15/2010** SeqNo: **2067099**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.240	0.50	20.00	0	101	70	130				
Benzene	36.150	0.50	40.00	0	90.4	70	130				
Chlorobenzene	18.220	0.50	20.00	0	91.1	70	130				
MTBE	19.070	0.50	20.00	0	95.4	70	130				
Toluene	36.630	0.50	40.00	0	91.6	70	130				
Trichloroethene	16.370	0.50	20.00	0	81.8	70	130				
Surr: 1,2-Dichloroethane-d4	25.000		25.00		100	70	130				
Surr: 4-Bromofluorobenzene	24.090		25.00		96.4	70	130				
Surr: Dibromofluoromethane	22.750		25.00		91.0	70	130				
Surr: Toluene-d8	23.280		25.00		93.1	70	130				

Sample ID: **Q101215MB3MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127825**
Client ID: **ZZZZZZ** Batch ID: **Q10VW260** TestNo: **EPA 8260B** Analysis Date: **12/15/2010** SeqNo: **2067100**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.340	0.50	20.00	0	102	70	130				
Benzene	37.350	0.50	40.00	0	93.4	70	130				
Chlorobenzene	18.640	0.50	20.00	0	93.2	70	130				
Toluene	37.700	0.50	40.00	0	94.3	70	130				
Trichloroethene	16.530	0.50	20.00	0	82.6	70	130				
Surr: 1,2-Dichloroethane-d4	25.980		25.00		104	70	130				
Surr: 4-Bromofluorobenzene	26.010		25.00		104	70	130				
Surr: Dibromofluoromethane	24.250		25.00		97.0	70	130				
Surr: Toluene-d8	24.740		25.00		99.0	70	130				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q101215MB3MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127825**
Client ID: **ZZZZZZ** Batch ID: **Q10VW260** TestNo: **EPA 8260B** Analysis Date: **12/15/2010** SeqNo: **2067101**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.050	0.50	20.00	0	105	70	130	20.34	3.43	20	
Benzene	37.160	0.50	40.00	0	92.9	70	130	37.35	0.510	20	
Chlorobenzene	18.160	0.50	20.00	0	90.8	70	130	18.64	2.61	20	
Toluene	36.510	0.50	40.00	0	91.3	70	130	37.70	3.21	20	
Trichloroethene	16.470	0.50	20.00	0	82.4	70	130	16.53	0.364	20	
Surr: 1,2-Dichloroethane-d4	24.620		25.00		98.5	70	130		0	0	
Surr: 4-Bromofluorobenzene	25.230		25.00		101	70	130		0	0	
Surr: Dibromofluoromethane	23.820		25.00		95.3	70	130		0	0	
Surr: Toluene-d8	23.860		25.00		95.4	70	130		0	0	

Sample ID: **Q101215MB3** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127825**
Client ID: **PBW** Batch ID: **Q10VW260** TestNo: **EPA 8260B** Analysis Date: **12/15/2010** SeqNo: **2067102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q101215MB3** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127825**
Client ID: **PBW** Batch ID: **Q10VW260** TestNo: **EPA 8260B** Analysis Date: **12/15/2010** SeqNo: **2067102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q101215MB3** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127825**
Client ID: **PBW** Batch ID: **Q10VW260** TestNo: **EPA 8260B** Analysis Date: **12/15/2010** SeqNo: **2067102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	28.110		25.00		112	70	130				
Surr: 4-Bromofluorobenzene	26.510		25.00		106	70	130				
Surr: Dibromofluoromethane	25.530		25.00		102	70	130				
Surr: Toluene-d8	24.680		25.00		98.7	70	130				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Y101217LCS1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **LCSW** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069283**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.210	0.50	20.00	0	96.0	70	130				
Benzene	39.370	0.50	40.00	0	98.4	70	130				
Chlorobenzene	20.380	0.50	20.00	0	102	70	130				
MTBE	20.600	0.50	20.00	0	103	70	130				
Toluene	40.240	0.50	40.00	0	101	70	130				
Trichloroethene	19.750	0.50	20.00	0	98.8	70	130				
Surr: 1,2-Dichloroethane-d4	25.360		25.00		101	70	130				
Surr: 4-Bromofluorobenzene	23.790		25.00		95.2	70	130				
Surr: Dibromofluoromethane	26.170		25.00		105	70	130				
Surr: Toluene-d8	27.140		25.00		109	70	130				

Sample ID: **Y101217MB3MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **ZZZZZZ** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069284**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.000	0.50	20.00	0	100	70	130				
Benzene	40.450	0.50	40.00	0	101	70	130				
Chlorobenzene	20.850	0.50	20.00	0	104	70	130				
Toluene	41.380	0.50	40.00	0	103	70	130				
Trichloroethene	20.560	0.50	20.00	0	103	70	130				
Surr: 1,2-Dichloroethane-d4	25.300		25.00		101	70	130				
Surr: 4-Bromofluorobenzene	23.750		25.00		95.0	70	130				
Surr: Dibromofluoromethane	26.590		25.00		106	70	130				
Surr: Toluene-d8	27.300		25.00		109	70	130				

Sample ID: **Y101217MB3MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **ZZZZZZ** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069285**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.990	0.50	20.00	0	100	70	130	20.00	0.0500	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Y101217MB3MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **ZZZZZZ** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069285**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	40.150	0.50	40.00	0	100	70	130	40.45	0.744	20	
Chlorobenzene	20.800	0.50	20.00	0	104	70	130	20.85	0.240	20	
Toluene	41.020	0.50	40.00	0	103	70	130	41.38	0.874	20	
Trichloroethene	20.360	0.50	20.00	0	102	70	130	20.56	0.978	20	
Surr: 1,2-Dichloroethane-d4	25.370		25.00		101	70	130		0	0	
Surr: 4-Bromofluorobenzene	23.830		25.00		95.3	70	130		0	0	
Surr: Dibromofluoromethane	26.610		25.00		106	70	130		0	0	
Surr: Toluene-d8	27.140		25.00		109	70	130		0	0	

Sample ID: **Y101217MB3** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **PBW** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069286**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Y101217MB3** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **PBW** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069286**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Y101217MB3** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **127887**
Client ID: **PBW** Batch ID: **Y10VW016** TestNo: **EPA 8260B** Analysis Date: **12/17/2010** SeqNo: **2069286**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	26.080		25.00		104	70	130				
Surr: 4-Bromofluorobenzene	23.620		25.00		94.5	70	130				
Surr: Dibromofluoromethane	26.400		25.00		106	70	130				
Surr: Toluene-d8	26.530		25.00		106	70	130				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_Dioxane_W

Sample ID: **MB-68994**	SampType: **MBLK**	TestCode: **8270_Dioxan**	Units: **µg/L**	Prep Date: **12/16/2010**	RunNo: **127972**
Client ID: **PBW**	Batch ID: **68994**	TestNo: **EPA 8270C(M**	**EPA 3510C**	Analysis Date: **12/16/2010**	SeqNo: **2070531**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dioxane	ND	2.0									
Surr: 1,2-Dichlorobenzene-d4	80.390		100.0		80.4	46	97				
Surr: 2,4,6-Tribromophenol	94.840		100.0		94.8	59	124				
Surr: 2-Chlorophenol-d4	66.120		100.0		66.1	49	93				
Surr: 2-Fluorobiphenyl	91.320		100.0		91.3	57	107				
Surr: 2-Fluorophenol	38.830		100.0		38.8	27	60				
Surr: 4-Terphenyl-d14	122.370		100.0		122	69	132				
Surr: Nitrobenzene-d5	82.070		100.0		82.1	52	107				
Surr: Phenol-d5	26.560		100.0		26.6	15	50				

Sample ID: **LCS-68994**	SampType: **LCS**	TestCode: **8270_Dioxan**	Units: **µg/L**	Prep Date: **12/16/2010**	RunNo: **127972**
Client ID: **LCSW**	Batch ID: **68994**	TestNo: **EPA 8270C(M**	**EPA 3510C**	Analysis Date: **12/16/2010**	SeqNo: **2070532**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dioxane	104.400	2.0	100.0	0	104	70	130				
Surr: 1,2-Dichlorobenzene-d4	75.830		100.0		75.8	46	97				
Surr: 2,4,6-Tribromophenol	99.760		100.0		99.8	59	124				
Surr: 2-Chlorophenol-d4	67.930		100.0		67.9	49	93				
Surr: 2-Fluorobiphenyl	92.420		100.0		92.4	57	107				
Surr: 2-Fluorophenol	39.780		100.0		39.8	27	60				
Surr: 4-Terphenyl-d14	106.090		100.0		106	69	132				
Surr: Nitrobenzene-d5	85.180		100.0		85.2	52	107				
Surr: Phenol-d5	28.490		100.0		28.5	15	50				

Sample ID: **MB-68994MS**	SampType: **MS**	TestCode: **8270_Dioxan**	Units: **µg/L**	Prep Date: **12/16/2010**	RunNo: **127972**
Client ID: **ZZZZZZ**	Batch ID: **68994**	TestNo: **EPA 8270C(M**	**EPA 3510C**	Analysis Date: **12/16/2010**	SeqNo: **2070533**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dioxane	103.490	2.0	100.0	0	103	70	130				
Surr: 1,2-Dichlorobenzene-d4	76.340		100.0		76.3	46	97				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Bowyer Environmental Consulting
Work Order: 115220
Project: Cameo Cleaners

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_Dioxane_W

Sample ID: **MB-68994MS**	SampType: **MS**	TestCode: **8270_Dioxan**	Units: **µg/L**	Prep Date: **12/16/2010**	RunNo: **127972**
Client ID: **ZZZZZZ**	Batch ID: **68994**	TestNo: **EPA 8270C(M**	**EPA 3510C**	Analysis Date: **12/16/2010**	SeqNo: **2070533**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	102.320		100.0		102	59	124				
Surr: 2-Chlorophenol-d4	68.170		100.0		68.2	49	93				
Surr: 2-Fluorobiphenyl	92.030		100.0		92.0	57	107				
Surr: 2-Fluorophenol	42.090		100.0		42.1	27	60				
Surr: 4-Terphenyl-d14	105.140		100.0		105	69	132				
Surr: Nitrobenzene-d5	83.180		100.0		83.2	52	107				
Surr: Phenol-d5	30.800		100.0		30.8	15	50				

Sample ID: **MB-68994MSD**	SampType: **MSD**	TestCode: **8270_Dioxan**	Units: **µg/L**	Prep Date: **12/16/2010**	RunNo: **127972**
Client ID: **ZZZZZZ**	Batch ID: **68994**	TestNo: **EPA 8270C(M**	**EPA 3510C**	Analysis Date: **12/16/2010**	SeqNo: **2070534**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dioxane	107.810	2.0	100.0	0	108	70	130	103.5	4.09	20	
Surr: 1,2-Dichlorobenzene-d4	83.870		100.0		83.9	46	97		0	0	
Surr: 2,4,6-Tribromophenol	98.290		100.0		98.3	59	124		0	0	
Surr: 2-Chlorophenol-d4	73.560		100.0		73.6	49	93		0	0	
Surr: 2-Fluorobiphenyl	93.540		100.0		93.5	57	107		0	0	
Surr: 2-Fluorophenol	44.840		100.0		44.8	27	60		0	0	
Surr: 4-Terphenyl-d14	101.910		100.0		102	69	132		0	0	
Surr: Nitrobenzene-d5	88.730		100.0		88.7	52	107		0	0	
Surr: Phenol-d5	32.190		100.0		32.2	15	50		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CHAIN OF CUSTODY RECORD

Pg 1 of 1

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

Logged By: _____ Date: 12/11/10

NOTE: Please include your Quote No. to ensure proper pricing of your project.

FOR LABORATORY USE ONLY:

Method of Transport
☐ Client ☑ ATL
☐ FedEx ☐ OnTrac
☐ GSO
☐ Other: _____

Sample Condition Upon Receipt: 2.8

1. CHILLED	Y☑ N☐	4. SEALED	Y☐ N☐
2. HEADSPACE (VOA)	Y☐ N☑	5. # OF SPLS MATCH COC	Y☐ N☐
3. CONTAINER INTACT	Y☑ N☐	6. PRESERVED	Y☑ N☑

Client: Bowyer ENV. CONSULTING
Attn: Brett Bowyer

Address: 17011 Beach Blvd. Ste. 900
City H.B. State CA Zip Code 92647

TEL: 877-932-4420
FAX: 714-840-4963

Project Name: Comedy Clubs
Project #:
Sampler: (Printed Name) ERIC COSTALES (Signature)

Relinquished by: (Signature and Printed Name)	Date 12/11/10	Time: 1650	Received by: (Signature and Printed Name)	Date: 12/13/10	Time: 1650
Relinquished by: (Signature and Printed Name)	Date 12/13/10	Time: 1815	Received by: (Signature and Printed Name)	Date: 12/13/10	Time: 1815
Relinquished by: (Signature and Printed Name)	Date :	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
ERIC COSTALES 12/11/10
Print Name Date
Signature

Send Report To:
Attn: Brett Bowyer
Co: BEC
Addr: 17011 Beach Blvd. #900
City: H.B State: CA Zip: 92647

Bill To:
Attn:
Co: SAME
Addr:
City: State: Zip:

Special Instructions/Comments:
* Hold trip blank

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode ____
OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8021 (BTEX)	8015B (DRO)	TITLE 22 / CAM 17 (6010 / 7000)	1,4 Dioxane	SEDIMENT	SOLID	SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	115220-1	MW-8			X	X	X	X	X	X	X	X	X										E	4	VOA	10 US	
	2	MW-5			X	X	X	X	X	X	X	X	X											4			
	3	MW-1			X	X	X	X	X	X	X	X	X											4			
	4	MW-2			X	X	X	X	X	X	X	X	X											4			
	5	MW-4			X	X	X	X	X	X	X	X	X											4			
	6	MW-3			X	X	X	X	X	X	X	X	X											4			
	7	EQ-12110			X	X	X	X	X	X	X	X	X											4			
	8	TRIP BLANK			X	X	X	X	X	X	X	X	X											3			
																								1			

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: ☐A= Overnight ≤ 24 hrs ☐B= Emergency Next workday ☐C= Critical 2 Workdays ☐D= Urgent 3 Workdays ☐E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=Hcl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

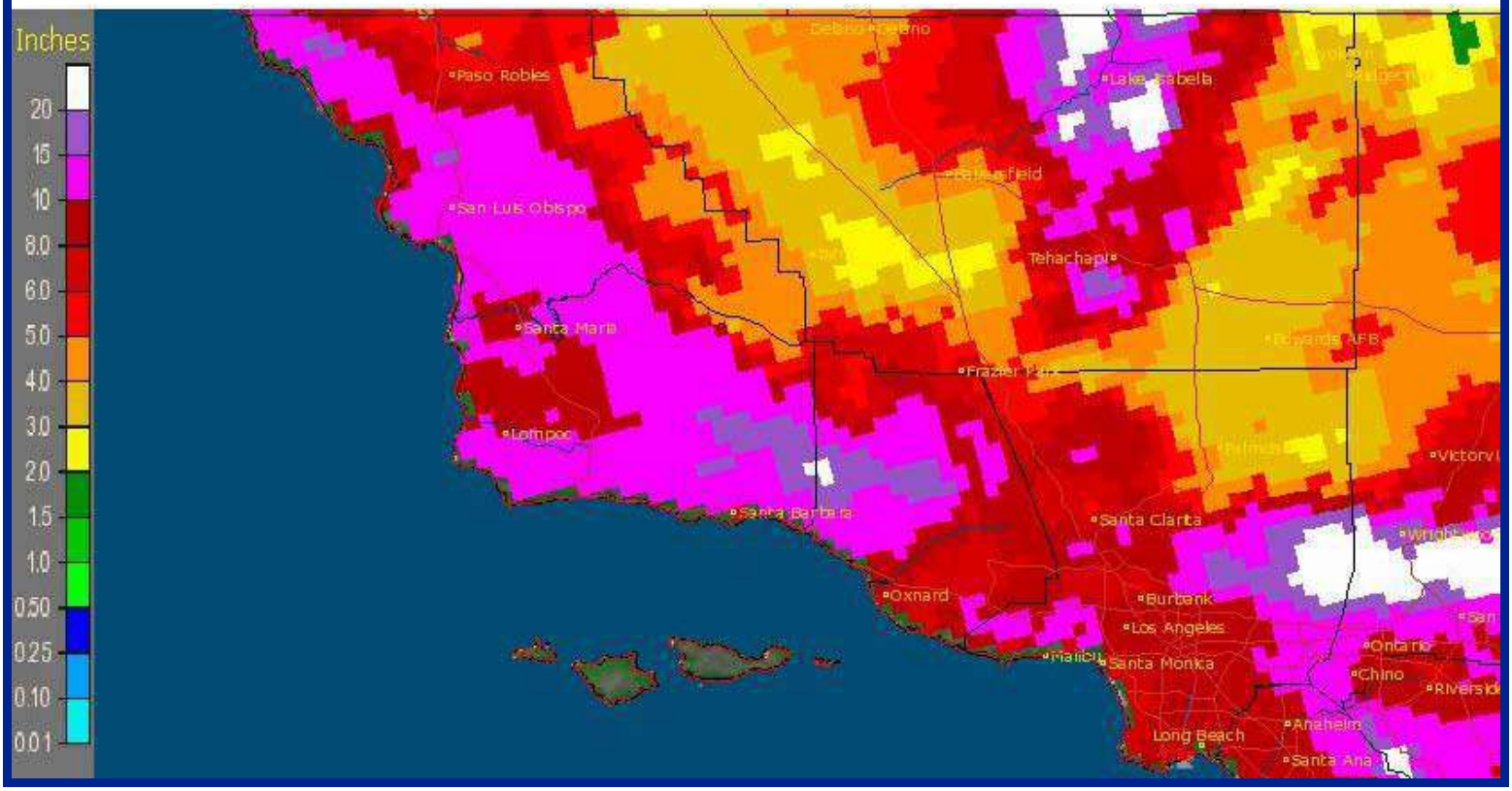
Rev. 2010-0325

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Appendix D

Rainfall Records for Los Angeles, California in December

Los Angeles/Oxnard, CA (LOX): December, 2010 Monthly Observed Precipitation
Valid at 1/1/2011 1200 UTC- Created 1/3/11 21:41 UTC



APPENDIX E
RECORDS OF COMMUNICATION

TETRA TECH, INC.

TELEPHONE LOG

Date	Time	Project Number	Project Name
1-19-12	3:11	108793.02	

Tetra Tech Participant: Tanya MacLean

Other Participant: Katie

Topic: Records request

Company Name: LAFD-UST

Telephone Number: 213-482-7115

Summary:

Records fund for - 3630 Crenshaw Blvd
- 3641 Crenshaw Blvd

Office of the State Fire Marshal

Pipeline Safety Division
P.O. Box 944246
Sacramento, CA 94244-2460

Request ID: 12272011SFM007

TO: TETRA TECH
TANYA MACLEAN
17885 VON KARMAN AVENUE #500
IRVINE, CA 92614

Phone: 949 809 5080
Fax: 949 809 5010

FROM: Lisa Dowdy

Phone: (916) 445-8477
Fax: (916) 445-8526

PIPELINE LOCATION REQUEST FOR:

3630-3646 S CRENSHAW BLVD
LOS ANGELES, CA 90018

LOS ANGELES Thomas Brothers Book
Page 673, Grid E1

THERE ARE NO PIPELINES JURISDICTIONAL TO THE STATE FIRE MARSHAL IN THE AREA FOR WHICH YOU HAVE INQUIRED.

- FOR NATURAL GAS PIPELINES PLEASE CONTACT YOUR LOCAL GAS COMPANY

- FOR OTHER TYPES OF PIPELINE PLEASE CONTACT THE DIVISION OF OIL AND GAS AT (714) 816-6847

- FOR PUBLIC UTILITIES PLEASE CONTACT THE PUBLIC UTILITIES COMMISSION AT (415) 703-2782

Office of the State Fire Marshal

Pipeline Safety Division
P.O. Box 944246
Sacramento, CA 94244-2460

Request ID: 12272011SFM008

TO: TETRA TECH
TANYA MACLEAN
17885 VON KARMAN AVENUE #500
IRVINE, CA 92614

Phone: 949 809 5080
Fax: 949 809 5010

FROM: Lisa Dowdy

Phone: (916) 445-8477
Fax: (916) 445-8526

PIPELINE LOCATION REQUEST FOR:

3501-3519 W RODEO ROAD
LOS ANGELES, CA 90018

LOS ANGELES Thomas Brothers Book
Page 673, Grid E1

THERE ARE NO PIPELINES JURISDICTIONAL TO THE STATE FIRE MARSHAL IN THE AREA FOR WHICH YOU HAVE INQUIRED.

- FOR NATURAL GAS PIPELINES PLEASE CONTACT YOUR LOCAL GAS COMPANY

- FOR OTHER TYPES OF PIPELINE PLEASE CONTACT THE DIVISION OF OIL AND GAS AT (714) 816-6847

- FOR PUBLIC UTILITIES PLEASE CONTACT THE PUBLIC UTILITIES COMMISSION AT (415) 703-2782

Office of the State Fire Marshal

Pipeline Safety Division
P.O. Box 944246
Sacramento, CA 94244-2460

Request ID: 12272011SFM009

TO: TETRA TECH
TANYA MACLEAN
17885 VON KARMAN AVENUE #500
IRVINE, CA 92614

Phone: 949 809 5080
Fax: 949 809 5010

FROM: Lisa Dowdy

Phone: (916) 445-8477
Fax: (916) 445-8526

PIPELINE LOCATION REQUEST FOR:

3502-3510 EXPOSITION BLVD
LOS ANGELES, CA 90018

LOS ANGELES Thomas Brothers Book
Page 673, Grid E1

THERE ARE NO PIPELINES JURISDICTIONAL TO THE STATE FIRE MARSHAL IN THE AREA FOR WHICH YOU HAVE INQUIRED.

- FOR NATURAL GAS PIPELINES PLEASE CONTACT YOUR LOCAL GAS COMPANY

- FOR OTHER TYPES OF PIPELINE PLEASE CONTACT THE DIVISION OF OIL AND GAS AT (714) 816-6847

- FOR PUBLIC UTILITIES PLEASE CONTACT THE PUBLIC UTILITIES COMMISSION AT (415) 703-2782

Office of the State Fire Marshal

Pipeline Safety Division
P.O. Box 944246
Sacramento, CA 94244-2460

Request ID: 12272011SFM010

TO: TETRA TECH
TANYA MACLEAN
17885 VON KARMAN AVENUE #500
IRVINE, CA 92614

Phone: 949 809 5080
Fax: 949 809 5010

FROM: Lisa Dowdy

Phone: (916) 445-8477
Fax: (916) 445-8526

PIPELINE LOCATION REQUEST FOR:

3631-3645 BRANSON AVENUE
LOS ANGELES, CA 90018

LOS ANGELES Thomas Brothers Book
Page 673, Grid E1

THERE ARE NO PIPELINES JURISDICTIONAL TO THE STATE FIRE MARSHAL IN THE AREA FOR WHICH YOU HAVE INQUIRED.

- FOR NATURAL GAS PIPELINES PLEASE CONTACT YOUR LOCAL GAS COMPANY

- FOR OTHER TYPES OF PIPELINE PLEASE CONTACT THE DIVISION OF OIL AND GAS AT (714) 816-6847

- FOR PUBLIC UTILITIES PLEASE CONTACT THE PUBLIC UTILITIES COMMISSION AT (415) 703-2782

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3631 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

NO COPY SERVICES ALLOWED

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☐ REQUEST COPIES

NUMBER OF PAGES: _____

X .10 ¢

= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849498 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3633 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

NO COPY SERVICES ALLOWED

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

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LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-609-5060 FAX NO: ( ) 949-609-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849486 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3635 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-6080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3639 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

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4TH FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849498 EXP: 08-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3645 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3642 (South) Crenshaw Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3646 (South) Crenshaw Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

NO COPY SERVICES ALLOWED

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☐ REQUEST COPIES

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TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-6010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3510 Exposition Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

NO COPY SERVICES ALLOWED

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NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

↓ COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED ↓

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3502 Exposition Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

NO COPY SERVICES ALLOWED

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4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3519 (West) Rodeo Road, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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NUMBER OF PAGES: _____

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TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3515 (West) Rodeo Road, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

NO COPY SERVICES ALLOWED

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

FOR OFFICE USE ONLY:

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☐ REQUEST COPIES

NUMBER OF PAGES: _____

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= _____

+ $11.00

TOTAL FEE AMOUNT: _____

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3505 (West) Rodeo Road, Las Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

NO COPY SERVICES ALLOWED

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☐ REQUEST COPIES

NUMBER OF PAGES: _____

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= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4TH FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3501 (West) Rodeo Road, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due diligence

NO COPY SERVICES ALLOWED

FOR OFFICE USE ONLY:

☐ REVIEW ONLY (NO COPIES)

☐ REQUEST COPIES

NUMBER OF PAGES: _____

X .10 ¢

= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

NO FILE FOUND

15405

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [x] Inventory Summary [x] Review File (appt. required)

Business Name: Unknown

Storage Address: 3630 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] **NO INFORMATION ON FILE**
[ ] **HARD FILE DESTROYED**

[ ] **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No.:
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $ ____

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL. Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3642 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] **NO INFORMATION ON FILE**
[ ] **HARD FILE DESTROYED**

[ ] **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No.:
Processed Date: 1/4/12
APPT. TO REVIEW FILE:
Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3644 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☑ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date: 1/04/12
APPT. TO REVIEW FILE:

Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $ ____

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3646 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/2/12
APPT. TO REVIEW FILE:
Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3501 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

Fee Schedule:
Inventory Summary $11.00

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

Processor Signature:

TOTAL: $

Allow 5 working days for processing

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5060

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3505 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] **NO INFORMATION ON FILE**
[ ] **HARD FILE DESTROYED**

[ ] **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:
Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3515 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:
Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $ ____

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3519 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90016

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] **NO INFORMATION ON FILE**
[ ] **HARD FILE DESTROYED**

[ ] **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3502 Exposition Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] **NO INFORMATION ON FILE**
HARD FILE DESTROYED

[ ] **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th Fl., Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3510 Exposition Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

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Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th Fl, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3631 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:
Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. _____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17885 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3633 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. _____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th Fl., Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3635 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No.:
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3639 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] **NO INFORMATION ON FILE**
[ ] **HARD FILE DESTROYED**

[ ] **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No.:
Processed Date: 1/9/12
APPT. TO REVIEW FILE:

Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th Fl, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

[ ] Active Facilities Only

Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3645 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

[✓] NO INFORMATION ON FILE
[ ] HARD FILE DESTROYED

[ ] INFORMATION AVAILABLE

Facility I.D. No.:
Request No. :
Processed Date: 1/4/12
APPT. TO REVIEW FILE:

Processor Signature:
Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Linda S. Adams
Secretary for
Environmental Protection

Department of Toxic Substances Control

Deborah O. Raphael, Director
9211 Oakdale Avenue
Chatsworth, California 91311

Arnold Schwarzenegger
Governor

December 27, 2011

Ms. Tanya MacLean
Tetra Tech
17885 Von Karman Avenue, Suite 500
Irvine, CA 92614

VARIOUS SITES
PR31223114

Dear Ms. MacLean:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced below.

- 3630-3646 (even numbers only) South Crenshaw Boulevard, Los Angeles, CA 90018
- 3501-3519 (odd numbers only) West Rodeo Road, Los Angeles, CA 90018
- 3502-3510 (even numbers only) Exposition Boulevard, Los Angeles, CA 90018
- 3631-3645 (odd numbers only) South Branson Avenue, Los Angeles, CA 90018
- 9319-9323 (odd numbers only) Bellanca Avenue, Los Angeles, CA 90045

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or would like an appointment to visit Chatsworth Central Files, please contact me at (818) 717-6522.

Sincerely,

Glenn Castillo /bh
Regional Records Coordinator

MacLean, Tanya

From: Yvette Caldero <ycaldero@ph.lacounty.gov>
Sent: Friday, December 30, 2011 3:06 PM
To: MacLean, Tanya
Subject: re: 3510 W. Exposition Blvd, Los Angeles Ca 90018
Attachments: 20111231022316903.pdf

Hi Tanya

I am attaching the file for the 3510 W. Exposition Blvd, Los Angeles Ca 90018.
There was no file found for the 3502 Exposition Blvd, Los Angeles Ca 90018.
Please email me back to confirm you received it.

Yvette

Yvette Caldero
Public Health Investigation
5555 Ferguson Drive Suite 120-04
Commerce, Ca 90022
(323)890-7806

MacLean, Tanya

From: Laura Gallardo <lgallardo@waterboards.ca.gov>
Sent: Friday, December 30, 2011 12:27 PM
To: MacLean, Tanya
Cc: Gallardo, Laura
Subject: File Review Request/Tracking No. 2011122304

*******The Los Angeles Regional Water Quality Control Board is going paperless, please submit future file review requests via e-mail to RB4-publicrecords@waterboards.ca.gov.*******

Thank you for your request to review Regional Board records concerning the property on 9319-9323 Bellanca Ave, Los Angeles and 3630-3646 Crenshaw Blvd, 3501-3519 Rodeo Rd, 3502-3510 Exposition Blvd, 3631-3645 Branson Ave, Los Angeles, CA 90018.

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Laura C. Gallardo
Lgallardo@waterboards.ca.gov
Associate Analyst
213.576.6636 (direct)
213.576.6676 (fax)
><((((º>`·><((((º>`·><((((º>`·
><((((º>`·><((((º>`·><((((º>`·

Fax Message From:

Dec 22 2011 16:21

Name: INDUSTRIAL WASTE MGT
Fax Number: 3233426111

CITY OF LOS ANGELES
CALIFORNIA

ANTONIO R. VILLARAIGOSA
MAYOR

DEPARTMENT OF
PUBLIC WORKS
BUREAU OF SANITATION
ENRIQUE C. ZALDIVAR
DIRECTOR
TRACI J. MINAMIDE
CHIEF OPERATING OFFICER
VAROUJ S. ABKIAN
ADEL H. HAGEKHALIL
ALEXANDER E. HELOU
ASSISTANT DIRECTORS
INDUSTRIAL WASTE
MANAGEMENT DIVISION
2714 MEDIA CENTER DRIVE
LOS ANGELES, CA 90065
OFFICE: (323) 342-6200
FAX: (323) 342-6111

21-Dec-11

Tanya MacLean
Tetra Tech
17885 Von Karman Ave, Suite 500
Irvine, CA 92614

INDUSTRIAL WASTE DISCHARGE PERMIT INFORMATION

Your request to research our files for Industrial Waste Discharge permit information was done by my staff. Our records show the following findings:

[X] No permit on file for: **3632-3646 (even) Crenshaw Blvd., 3501-3513 (odd), 3517-3519(odd) W. Rodeo Rd., 3502-3510 (even) Exposition Blvd., 3631-3645 (odd) S. Branson Ave., LA, CA 90018, 9319-9323 (odd) Bellanca Ave., LA, CA 90045**

[X] Permits have been issued for: **3515 W. Rodeo Rd., 3630 Crenshaw Blvd., Los Angeles, CA 90018**

Fax fee of $12.00 has been added.

(see attachments)

[X] No citation have been issued for the past 5 years.

[ ] Yes, citations have been issued (see attachments).

The cost of generating this report is $ **$13.60**

Please remit a check in the above amount, payable to "Department of Public Works", and mail to:

Bureau of Sanitation
Industrial Waste Management Division
2714 Media Center Drive
Los Angeles, CA 90065
Attn: Admin Inspection Group

If you have any questions, please contact Nona Colorado of my staff at (323) 342-6063.

Sincerely,

ENRIQUE C. ZALDIVAR, Director
Bureau of Sanitation

By: _____
Dafeta, Manager
Industrial Waste Management Division

Nona Colorado

C: Attachment [X] yes [ ] no

PERMITTEE INFORMATION SHEET

W-503055 IU#-IU021556 STATUS: A SIU SECT.: N DISTRICT: 04 SUBDIST: 03
FOG ZONE: 30 SUB-ZONE: 50

INSPECTOR: BOGDAN SERBANESCU, WILFREDO VALDEZ

* APPLICATION

APPL. REASON: New or Proposed Point of Discharge
RECEIVED DATE: 05/05/03 RECEIPT #: R07027

* INDUSTRIAL USER

LEGAL BUS. NAME: MICHEL MARGARITIS
DBA NAME: HAVEN BURGERS
BUSINESS TYPE Restaurant
OWNERSHIP TYPE Sole Proprietorship
ADDRESS: 3515 W RODEO Road
LOS ANGELES, CA 90018
CONTACT NAME: Michel Margaritis TITLE: Owner
BTRC: No BTRC PHONE: (323) 299-5271

* INDUSTRIAL USER MAILING ADDRESS

NAME: HAVEN BURGERS
ADDRESS: 3515 W RODEO Road
LOS ANGELES, CA 90018
OR P.O. BOX: PHONE: (323) 299-5271
ATTENTION: MICHEL MARGARITIS

* BILLING ADDRESS

NAME: HAVEN BURGERS
ADDRESS: 3515 W RODEO Road
LOS ANGELES, CA 90018
OR P.O. BOX: PHONE: (323) 299-5271
ATTENTION: MICHEL MARGARITIS

* CORPORATE OFFICERS

NAME 1: MICHEL MARGARITIS
TITLE 1: OWNER

* PROPERTY OWNER

NAME: G & R PROPERTIES, LLC.
ADDRESS:
LOS ANGELES, CA 90067
OR P.O. BOX: 67311 PHONE:
ATTENTION: G & R PROPERTIES, LLC.

* PERMITTEE LOCATION ADDRESS

DESCRIPTION: MICHEL MARGARITIS
ADDRESS: 3515 W RODEO Road
LOS ANGELES, CA 90018
OR P.O. BOX: PHONE: (323) 299-5271
ATTENTION: Michel Margaritis

COUNCIL DIST.:

* GENERAL INFORMATION

W-503055

PERMITTEE INFORMATION SHEET

STATUS: A

DISTRICT: 04 South District SUB-DISTRICT: 03
FOG ZONE: 30 SUB-ZONE: 50
DISCHARGE START DATE: 05/05/2003
FINAL DISPOSAL CODE: 01 Public Sewer
IND. CLASS.: 108 108-Restaurants
INSP. CLASS.: IP01 Inspection & Control Fee Class 1
BILLING TYPE/FREQ: R Permit for private industries / Quarterly
RESTAURANT SEATING CAP: 22
LAUNDRY WASHER COUNT/CAPACITY(lbs): /
NUMBER OF GARBAGE GRINDER/EFF DATE: 0 / 05/05/2003

* FACILITY CLASSES

CLASS: LIU:FOG

* SMR FREQUENCIES

FEDERAL: LOCAL: SURCHARGE:

* PERMIT CERTIFICATE

PERMIT TYPE: LIU with FOG
PERMIT EFF. DATE: 06/19/2003 AMENDED DATE:
PERMIT EXP. DATE:
SIU GROUP:

* PERMIT TERMINATION

TERMINATION DATE:
TERMINATION REASON:
REQUESTOR:

* LATERAL CONNECTION ------ SEWER CONNECTION ------

DESCRIPTION: Public Sewer - Outlet Num : 0100 SEWER PERMIT:
WYE MAP ID: SIZE (INCHES):
PIPE MATERIAL:

* FLOW INFORMATION

ORIGINAL TOTAL DISCHARGE FLOW (GPD, CAL.)/EFF. DATE: 135 / 05/05/2003
MAXIMUM TOTAL DISCHARGE FLOW (GPD, CAL.)/EFF. DATE: /
TOTAL DISCHARGE FLOW (GPD, CAL.)/EFF. DATE: 248 / 04/01/2009
AVG CALENDAR DAY FLOW (GPD, CAL.)/EFF. DATE:
AVG OPERATIONAL DAY FLOW (GPD, CAL.)/EFF. DATE:
SFC FLOW (GPD, CAL.)
SURCHARGE FLOW (GPD, CAL.)/EFF. DATE:
SURCHARGE PSDF FLOW (GPD, CAL.)/EFF. DATE:

* SURCHARGE INFORMATION

SS: BOD:
QUARTERLY SURCHARGE VALUES:
ZERO BASED QUALITY SURCHARGE INDICATOR: N

* SAMPLE POINT INFORMATION

SP: 00-001 Sample point not available. -- Normal Operations
SP TYPE: End-of- SSF: N FLOW METER PRESENT: N EFFECTIVE DATE: 05/05/2003

Pipe

* PROCESS UNIT OPERATION

PUO Code:
FBBQ 000 Barbecue or Rotisserie - Barbecue or Rotisserie
FDFR 000 Deep Fry - Deep Fry
WASF 000 Floor Washing - Floor Washing
WASH 000 Garbage Can Washing - Garbage Can Washing
WASI 000 General Equipment Washing - General Equipment Washing

* PRETREATMENT UNIT OPERATION

PTUO CODE:		
00001	SC0020	SCREENING - STATIONARY SCREENS

* SIC

SIC CODE: 5812 Eating Places

* NAICS

NAICS CODE:

* COOLING TOWER

TONNAGE:

* OTHER ENVIRONMENTAL PERMIT(S)

PERMIT#/DESCRIPT.: FSE Number from FOG DB / 7661 / IWMD\FOG

* OTHER INDUSTRIAL WASTEWATER PERMIT(S)

PERMIT NUMBER(S):

PREPARED BY: ..... DATE: .....

APPROVED BY: ..... DATE: .....

ENTERED BY: ..... DATE: .....

RUN DATE: 12/22/2011
RUN BY: NCOLORADO

W-502314 IU#-IU020819 STATUS: I SIU SECT.: N DISTRICT: 04 SUBDIST: 03
FOG ZONE: 30 SUB-ZONE: 50

INSPECTOR:

---

* APPLICATION

APPL. REASON: Existing, but Unpermitted Point of Discharge
RECEIVED DATE: 02/05/03 RECEIPT #: R06694

* INDUSTRIAL USER

LEGAL BUS. NAME: MICHAEL L. PARROTT, SR. & CAROL WOODS
DBA NAME: DINING SENSATIONS
BUSINESS TYPE RESTAURANT
OWNERSHIP TYPE General Partnership
ADDRESS: 3630 CRENSHAW Boulevard
LOS ANGELES, CA 90018
CONTACT NAME: CAROL WOODS TITLE: PARTNER
BTRC: 457883-20 PHONE: (323) 296-2930

* INDUSTRIAL USER MAILING ADDRESS

NAME: DINING SENSATIONS
ADDRESS: 3630 CRENSHAW Boulevard
LOS ANGELES, CA 90018
OR P.O. BOX: PHONE: (323) 296-2930
ATTENTION: MICHAEL L. PARROTT, SR.

* BILLING ADDRESS

NAME: DINING SENSATIONS
ADDRESS:
LOS ANGELES, CA 90043
OR P.O. BOX: 431236 PHONE: (323) 296-2930
ATTENTION: MICHAEL L. PARROTT SR.

* CORPORATE OFFICERS

NAME 1: CAROL WOODS
TITLE 1: PARTNER

* PROPERTY OWNER

NAME: JACK OLIVER
ADDRESS: 3630 CRENSHAW Boulevard
LOS ANGELES, CA 90016
OR P.O. BOX: PHONE: (323) 295-4945
ATTENTION: JACK OLIVER

* PERMITTEE LOCATION ADDRESS

DESCRIPTION: MICHAEL L. PARROTT, SR. & CAROL WOODS
ADDRESS: 3630 CRENSHAW Boulevard
LOS ANGELES, CA 90018
OR P.O. BOX: PHONE: (323) 296-2930
ATTENTION: CAROL WOODS

COUNCIL DIST.:

* GENERAL INFORMATION

STATUS: I

DISTRICT: 04 South District SUB-DISTRICT: 03
FOG ZONE: 30 SUB-ZONE: 50
DISCHARGE START DATE: 02/05/2003
FINAL DISPOSAL CODE: 01 Public Sewer
IND. CLASS.: 108 108-Restaurants
INSP. CLASS.: IP01 Inspection & Control Fee Class 1
BILLING TYPE/FREQ: R Permit for private industries / Quarterly
RESTAURANT SEATING CAP:
LAUNDRY WASHER COUNT/CAPACITY(lbs): /
NUMBER OF GARBAGE GRINDER/EFF DATE: /

* FACILITY CLASSES

CLASS: LIU:FOG

* SMR FREQUENCIES

FEDERAL: LOCAL: SURCHARGE:

* PERMIT CERTIFICATE

PERMIT TYPE: LIU with FOG
PERMIT EFF. DATE: 02/19/2003 AMENDED DATE:
PERMIT EXP. DATE:
SIU GROUP:

* PERMIT TERMINATION

TERMINATION DATE: 07/01/2003
TERMINATION REASON: Ceased Operations
REQUESTOR: Z74AMFA

* LATERAL CONNECTION ------ SEWER CONNECTION ------

DESCRIPTION: Public Sewer - Outlet Num : 0100
WYE MAP ID: SEWER PERMIT:
PIPE MATERIAL: SIZE (INCHES):

* FLOW INFORMATION

ORIGINAL TOTAL DISCHARGE FLOW (GPD, CAL.)/EFF. DATE:	540	02/13/2003
MAXIMUM TOTAL DISCHARGE FLOW (GPD, CAL.)/EFF. DATE:	585	02/13/2003
TOTAL DISCHARGE FLOW (GPD, CAL.)/EFF. DATE:	540	02/13/2003
AVG CALENDAR DAY FLOW (GPD, CAL.)/EFF. DATE:		
AVG OPERATIONAL DAY FLOW (GPD, CAL.)/EFF. DATE:		
SFC FLOW (GPD, CAL.)		
SURCHARGE FLOW (GPD, CAL.)/EFF. DATE:		
SURCHARGE PSDF FLOW (GPD, CAL.)/EFF. DATE:		

* SURCHARGE INFORMATION

QUARTERLY SURCHARGE VALUES: SS: BOD:
ZERO BASED QUALITY SURCHARGE INDICATOR: N

* SAMPLE POINT INFORMATION

SP: 00-001 SAMPLE POINT NOT AVAILABLE. -- NORMAL OPERATIONS
SP TYPE: End-of- SSF: N FLOW METER PRESENT: N EFFECTIVE DATE: 02/05/2003

Pipe

* PROCESS UNIT OPERATION

PUO Code:

* PRETREATMENT UNIT OPERATION

PTUO CODE:
00001 SC0020 SCREENING - STATIONARY SCREENS

* SIC

SIC CODE:

* NAICS

NAICS CODE:

* COOLING TOWER

TONNAGE:

* OTHER ENVIRONMENTAL PERMIT(S)

PERMIT#/DESCRIPT.: FSE Number from FOG DB / 22008 / IWMD\FOG

* OTHER INDUSTRIAL WASTEWATER PERMIT(S)

PERMIT NUMBER(S):

PREPARED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

ENTERED BY: _____ DATE: _____

RUN DATE: 12/22/2011
RUN BY: NCOLORADO

Department of Toxic Substances Control

Deborah O. Raphael, Director
5796 Corporate Avenue
Cypress, California 90630

Matthew Rodriquez
Acting Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

December 27, 2011

Tanya MacLean
TETRA TECH
17885 Von Karman Avenue, #500
Irvine, CA 92614

SEE ATTACHED SHEET
PR#41222116

Dear Ms. MacLean :

The Department of Toxic Substances Control has received your letter to review records under the Public Records Act.

After a thorough review of our files we have found no such records exist at this office pertaining to the facility referenced above.

If you have any questions, or would like further information regarding your request, please contact our Regional Records Coordinator at (714) 484-5337.

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

Sincerely,

Julie Johnson
Regional Records Coordinator

IPG

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

PR412 22116

December 21, 2011

California Environmental Protection Agency
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

Phone: (714) 484-5300
Fax: (714) 484-5302

NO

Re: Request to Review California EPA, DTSC, Files

Attn: Julie Johnson

We are representing a client with interests in a property located in Los Angeles, California. The concern is for knowledge of hazardous materials investigations and regulatory status of the property. This letter is intended as a formal request for photocopies of files that the California EPA, DTSC, may have for the following property address:

- 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018
- 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018
- 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018
- 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact us if no records are found, or so we can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

COUNTY OF LOS ANGELES
Public Health
Public Health Investigations

JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

JONATHAN E. FREEDMAN
Chief Deputy Director

LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

December 29, 2011

TETRA TECH
17885 VON KARMAN AVENUE SUITE 500
IRVINE CA 92614

Attention: TANYA MACLEAN

RE: 3501, 3505, 3515 & 3519 W. RODEO RD, LOS ANGELES CA 90018

I, the undersigned, being the Custodian or the Keeper of Records certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, name, or classification; or were not located. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7801.

Very truly yours,

IAN GALVAN, Deputy Health Officer
Public Health Investigation

yc
H-4750.11

14B1 - NO Records Form
Revised 6/29/09

COUNTY OF LOS ANGELES
Public Health
Public Health Investigations

JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

JONATHAN E. FREEDMAN
Chief Deputy Director

LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

December 29, 2011

TETRA TECH
17885 VON KARMAN AVENUE SUITE 500
IRVINE CA 92614

Attention: TANYA MACLEAN

RE: 3630, 3642, 3644 & 3646 SOUTH CRENSHAW BLVD, LOS ANGELES CA 90018

I, the undersigned, being the Custodian or the Keeper of Records certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, name, or classification; or were not located. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7801.

Very truly yours,

IAN GALVAN, Deputy Health Officer
Public Health Investigation

yc
H-4752.11

14B1 - NO Records Form
Revised 6/29/09

COUNTY OF LOS ANGELES
Public Health
Public Health Investigations

JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

JONATHAN E. FREEDMAN
Chief Deputy Director

LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

December 29, 2011

TETRA TECH
17885 VON KARMAN AVENUE SUITE 500
IRVINE CA 92614

Attention: TANYA MACLEAN

RE: 3631, 3633, 3635, 3639 & 3645 S. BRANSON AVE, LOS ANGELES CA 90018

I, the undersigned, being the Custodian or the Keeper of Records certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, name, or classification; or were not located. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7801.

Very truly yours,

IAN GALVAN, Deputy Health Officer
Public Health Investigation

yc
H-4753.11

14B1 - NO Records Form
Revised 6/29/09

MacLean, Tanya

From: MacLean, Tanya
Sent: Thursday, December 22, 2011 11:39 AM
To: rb4-publicrecords@waterboards.ca.gov
Subject: Records Request - Crenshaw/Rodeo/Exposition/Branson

I would like to request to review LARWQCB files (if found) for the following property (one property with multiple current and historical addresses):

- 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018
- 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018
- 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018
- 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018

Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,

Tanya MacLean
Due Diligence Scientist
Tetra Tech, Inc.
17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

1 P6

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

December 21, 2011

CA State Fire Marshal
Pipeline Safety Division
P.O. Box 944246
Sacramento, CA 94244-2460

Phone: (916) 445-8477
Fax: (916) 445-8526

Re: Information pertaining to underground oil pipelines in Los Angeles, California

I would like information (location, direction, size, content, spills) regarding any underground oil and product pipelines for properties located at 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018; 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018; 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018; 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018. The properties are located at the on the Los Angeles County Thomas Guide Page 673, Grid E-1.

Please e-mail back any information you have pertaining to this request or let us know if no records are found. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

1PG

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

December 21, 2011

California Environmental Protection Agency
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, CA 91311

Phone: (818) 717-6500
Fax: (818) 717-6526

Re: Request to Review California EPA, DTSC, Files

Attn: Vivien Tutaan

We are representing a client with interests in a property located in the Los Angeles, California. The concern is for knowledge of hazardous materials investigations and regulatory status of the property. This letter is intended as a formal request for photocopies of files that the California EPA, DTSC, may have for the following property address:

- 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018
- 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018
- 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018
- 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact us if no records are found, or so we can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

1P6

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

December 21, 2011

California Environmental Protection Agency
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

Phone: (714) 484-5300
Fax: (714) 484-5302

Re: Request to Review California EPA, DTSC, Files

Attn: Julie Johnson

We are representing a client with interests in a property located in Los Angeles, California. The concern is for knowledge of hazardous materials investigations and regulatory status of the property. This letter is intended as a formal request for photocopies of files that the California EPA, DTSC, may have for the following property address:

- 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018
- 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018
- 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018
- 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact us if no records are found, or so we can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

1 P6

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

December 21, 2011

Los Angeles Bureau of Sanitation
Industrial Waste Management
Los Angeles, CA
Phone: (323) 342-6200
Fax: (323) 342-6111

Re: Information Request – Industrial Wastewater

We are representing a client with interests in a property located in Los Angeles, California. I would like to obtain information (permits, violations, etc.) regarding industrial waste records, if they exist, for the following addresses:

- 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018
- 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018
- 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018
- 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018

The property is located on the Los Angeles County Thomas Guide 673, Grid E-1.

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the properties.

Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

4 PGS

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

December 21, 2011

County of Los Angeles Department of Health Services
Public Health Programs and Services
Public Health Investigations
5555 Ferguson Drive
Suite 120-04
Commerce, CA 90022
Phone: (323) 890-7806
Fax: (323) 728-0217

SUBJECT: REQUEST FOR RECORDS FROM THE LOS ANGELES COUNTY DEPARTMENT OF HEALTH SERVICES, PUBLIC HEALTH INVESTIGATIONS

Records Department:

We are representing a client with interests in a property located in Los Angeles, California. We are interested in obtaining copies of information pertaining to hazardous materials storage, use and disposal; compliance with the regulatory guidelines for hazardous materials management; inspection reports; hazardous materials emergency responses; site cleanup and mitigation; and related environmental issues. Please conduct a search for the addresses below for such information:

- 3630, 3642, 3644, and 3646, (South) Crenshaw Boulevard, Los Angeles, CA, 90018

Please research LACDHS PHI records in the following areas:

District Inspections – Administrative; Site Mitigation; CalARP Program; Emergency Operations; Special Operations – Environmental Issues

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property. Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

March 2, 2011

County of Los Angeles Department of Health Services
Public Health Programs and Services
Public Health Investigations
5555 Ferguson Drive
Suite 120-04
Commerce, CA 90022
Phone: (323) 890-7806
Fax: (323) 728-0217

SUBJECT: REQUEST FOR RECORDS FROM THE LOS ANGELES COUNTY DEPARTMENT OF HEALTH SERVICES, PUBLIC HEALTH INVESTIGATIONS

Records Department:

We are representing a client with interests in a property located in Los Angeles, California. We are interested in obtaining copies of information pertaining to hazardous materials storage, use and disposal; compliance with the regulatory guidelines for hazardous materials management; inspection reports; hazardous materials emergency responses; site cleanup and mitigation; and related environmental issues. Please conduct a search for the addresses below for such information:

- 3501, 3505, 3515, and 3519 (West) Rodeo Road, Los Angeles, CA, 90018

Please research LACDHS PHI records in the following areas:

District Inspections – Administrative; Site Mitigation; CalARP Program; Emergency Operations; Special Operations – Environmental Issues

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property. Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

March 2, 2011

County of Los Angeles Department of Health Services
Public Health Programs and Services
Public Health Investigations
5555 Ferguson Drive
Suite 120-04
Commerce, CA 90022
Phone: (323) 890-7806
Fax: (323) 728-0217

SUBJECT: REQUEST FOR RECORDS FROM THE LOS ANGELES COUNTY DEPARTMENT OF HEALTH SERVICES, PUBLIC HEALTH INVESTIGATIONS

Records Department:

We are representing a client with interests in a property located in Los Angeles, California. We are interested in obtaining copies of information pertaining to hazardous materials storage, use and disposal; compliance with the regulatory guidelines for hazardous materials management; inspection reports; hazardous materials emergency responses; site cleanup and mitigation; and related environmental issues. Please conduct a search for the addresses below for such information:

- 3502 and 3510 Exposition Boulevard, Los Angeles, CA, 90018

Please research LACDHS PHI records in the following areas:

District Inspections – Administrative; Site Mitigation; CalARP Program; Emergency Operations; Special Operations – Environmental Issues

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property. Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

March 2, 2011

County of Los Angeles Department of Health Services
Public Health Programs and Services
Public Health Investigations
5555 Ferguson Drive
Suite 120-04
Commerce, CA 90022
Phone: (323) 890-7806
Fax: (323) 728-0217

SUBJECT: REQUEST FOR RECORDS FROM THE LOS ANGELES COUNTY DEPARTMENT OF HEALTH SERVICES, PUBLIC HEALTH INVESTIGATIONS

Records Department:

We are representing a client with interests in a property located in Los Angeles, California. We are interested in obtaining copies of information pertaining to hazardous materials storage, use and disposal; compliance with the regulatory guidelines for hazardous materials management; inspection reports; hazardous materials emergency responses; site cleanup and mitigation; and related environmental issues. Please conduct a search for the addresses below for such information:

- 3631, 3633, 3635, 3639, and 3645 (South) Branson Avenue, Los Angeles, CA, 90018

Please research LACDHS PHI records in the following areas:

District Inspections – Administrative; Site Mitigation; CalARP Program; Emergency Operations; Special Operations – Environmental Issues

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property. Please contact me if no records are found, or so I can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

↓ COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED ↓

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3630 (South) Crenshaw Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

NO COPY SERVICES ALLOWED

FOR OFFICE USE ONLY:

☐ REVIEW ONLY (NO COPIES)

☐ REQUEST COPIES

NUMBER OF PAGES: _____

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= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

↓ COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED ↓

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3642 (South) Crenshaw Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

NO COPY SERVICES ALLOWED

BILLING & ACCOUNTS RECEIVABLE
4th FLOOR, 201 N. Figueroa (REV CODE #3887)

FOR OFFICE USE ONLY:

☐ REVIEW ONLY (NO COPIES)

☐ REQUEST COPIES

NUMBER OF PAGES: _____

X .10 ¢

= _____

+ $11.00

TOTAL FEE AMOUNT: _____

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

↓ COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED ↓

PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3644 (South) Crenshaw Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS
ADDRESS: 221 NORTH FIGUEROA ST., 15TH FLR.STE.1500
OFFICE# - 213/482-7115 NEW FAX# - 213/482-6529

PLEASE GIVE US 4 TO 5 BUSINESS DAYS TO HONOR YOUR REQUEST.

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PHONE NO: ( ) 949-809-5080 FAX NO: ( ) 949-809-5010

NAME OF REQUESTER (PLEASE PRINT): Tanya MacLean

REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3501 (West) Rodeo Road, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3505 (West) Rodeo Road, Los Angeles, CA, 90018

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SIGNATURE: Tanya MacLean DATE: 12-21-2011

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ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3515 (West) Rodeo Road, Los Angeles, CA, 90018

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SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3519 (West) Rodeo Road, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3502 Exposition Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3631 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3633 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3635 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3639 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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REPRESENTING (COMPANY NAME): Tetra Tech

SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3645 (South) Branson Avenue, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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SIGNATURE: Tanya MacLean DATE: 12-21-2011

DRIVER LIC NO: D2849496 EXP: 03-30-2014

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 3646 (South) Crenshaw Boulevard, Los Angeles, CA, 90018

REASON FOR REQUEST: Environmental due dilligence

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Telephone (213) 978-3680 Fax (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3630 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

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Los Angeles City Fire Department

Telephone (213) 978-3680 **Fax** (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3642 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

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Fee Schedule:
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Request No. :
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Los Angeles City Fire Department

Telephone (213) 978-3680 **Fax** (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

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Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3644 (South) Crenshaw Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

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Storage Address: 3646 (South) Crenshaw Boulevard Unit/Ste. #:

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City: Irvine State: CA Zip: 92614

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Check all that apply: [X] Inventory Summary [X] Review File (appt. required)

Business Name: Unknown

Storage Address: 3501 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

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Business Name: Unknown

Storage Address: 3505 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

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Business Name: Unknown

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City: Irvine State: CA Zip: 92614

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Business Name: Unknown

Storage Address: 3519 (West) Rodeo Road Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

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Business Name: Unknown

Storage Address: 3502 Exposition Boulevard Unit/Ste. #:

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TOTAL: $

Los Angeles City Fire Department

Telephone (213) 978-3680 **Fax** (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

Request for Information
Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3510 Exposition Boulevard Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

Fee Schedule:
Inventory Summary $11.00

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date:
APPT. TO REVIEW FILE:

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. _____ x $0.10 = $

Processor Signature:

TOTAL: $

Allow 5 working days for processing

Los Angeles City Fire Department

Telephone (213) 978-3680 **Fax** (213) 978-3615
200 N. Main St., 17th FL, Los Angeles CA 90012

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*** COMPLETE ONE FORM FOR EACH ADDRESS**

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Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3631 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

Fee Schedule:
Inventory Summary $11.00

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date:
APPT. TO REVIEW FILE:

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. _____ x $0.10 = $ _____

Processor Signature:

TOTAL: $

Allow 5 working days for processing

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Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3633 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

Fee Schedule:
Inventory Summary $11.00

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
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Processed Date:
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200 N. Main St., 17th FL, Los Angeles CA 90012

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Hazardous Materials Records

*** COMPLETE ONE FORM FOR EACH ADDRESS**

Request Date: December 21, 2011

Requestor's Name: Tanya MacLean Fax #: ( ) 949-809-5010

Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3635 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

Fee Schedule:
Inventory Summary $11.00

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date:
APPT. TO REVIEW FILE:

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. _____ x $0.10 = $ _____

Processor Signature:

TOTAL: $

Allow 5 working days for processing

Los Angeles City Fire Department

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Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3639 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

Fee Schedule:
Inventory Summary $11.00

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date:
APPT. TO REVIEW FILE:

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. _____ x $0.10 = $ _____

Processor Signature:

TOTAL: $

Allow 5 working days for processing

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Company/Agency: Tetra Tech Ph. #: ( ) 949-809-5080

Address: 17785 Von Karman Avenue Unit/Ste. #: 500

City: Irvine State: CA Zip: 92614

Information is requested for

☐ Active Facilities Only

Check all that apply: ☒ Inventory Summary ☒ Review File (appt. required)

Business Name: Unknown

Storage Address: 3645 (South) Branson Avenue Unit/Ste. #:

City: Los Angeles State: CA Zip: 90018

Reason for Request: Phase I Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**

☐ **INFORMATION AVAILABLE**

Facility I.D. No.:
Request No. :
Processed Date:
APPT. TO REVIEW FILE:

Processor Signature:

Allow 5 working days for processing

Fee Schedule:
Inventory Summary $11.00

Request Review File Copies:
Initial Fee $ 1.10
# of pgs. ____ x $0.10 = $

TOTAL: $

Transmission Report

Date/Time	12-22-2011	12:53:29 p.m.	Transmit Header Text
Local ID 1	9786543		Local Name 1
Local ID 2			Local Name 2

This document : Confirmed
(reduced sample and details below)
Document size : 8.5"x11"

185

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: 949.809.5080 | Main #: 949.809.5000 | Main Fax #: 949.809.5010

December 21, 2011

CA State Fire Marshal
Pipeline Safety Division
P.O. Box 944246
Sacramento, CA 94244-2460

Phone: (916) 445-8477
Fax: (916) 445-8526

Re: Information pertaining to underground oil pipelines in Los Angeles, California

I would like information (location, direction, size, content, spills) regarding any underground oil and product pipelines for properties located at 3630-3646 [even numbers only] (South) Crenshaw Boulevard, Los Angeles, CA, 90018; 3501-3519 [odd numbers only] (West) Rodeo Road, Los Angeles, CA, 90018; 3502-3510 [even numbers only] Exposition Boulevard, Los Angeles, CA, 90018; 3631-3645 [odd numbers only] (South) Branson Avenue, Los Angeles, CA, 90018. The properties are located at the on the Los Angeles County Thomas Guide Page 673, Grid E-1.

Please e-mail back any information you have pertaining to this request or let us know if no records are found. If there are any questions regarding this request, please call me directly at 949.809.5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean
tanya.maclean@tetratech.com

Total Pages Scanned : 1 Total Pages Confirmed : 1

No.	Job	Remote Station	Start Time	Duration	Pages	Line	Mode	Job Type	Results
001	075	9164458526	12:52:08 p.m. 12-22-2011	00:00:29	1/1	1	EC	HS	CP14400

Abbreviations:

HS: Host send	PL: Polled local	MP: Mailbox print	TU: Terminated by user	
HR: Host receive	PR: Polled remote	CP: Completed	TS: Terminated by system	G3: Group 3
WS: Waiting send	MS: Mailbox save	FA: Fail	RP: Report	EC: Error Correct

APPENDIX F
RESUMES

TANYA MACLEAN

Due Diligence Scientist **Tetra Tech, Inc. – Division PPG**

EDUCATION/SPECIAL TRAINING

B.S. Environmental Science, Minor: Biology – University of Waterloo – Waterloo, ON, Canada

REGISTRATIONS/CERTIFICATIONS

OSHA 40-Hour HAZWOPER Training (29 CFR 1910.120)

QUALIFICATIONS

Ms. MacLean has been primarily responsible for conducting Phase I Environmental Site Assessments (ESAs) and tenant audits since August 2005. Specific duties involve the completion of historical public record/photo reviews, review and evaluation of computer-compiled government agency databases, on-site reconnaissance, interviews, review of hydrogeological and wetlands information, preliminary asbestos-containing materials (ACM) surveys, preliminary lead-based paint surveys, data interpretation, evaluation of recognized environmental conditions (RECs) and environmental concerns, and report preparation. Ms. MacLean has also performed in field oversight of groundwater monitoring activities for a former industrial property.

RELEVANT EXPERIENCE SUMMARY

- **Phase I ESAs, Los Angeles Department of Water and Power (LADWP), Multiple locations in Los Angeles/Kern/Inyo Counties, CA.** Performed Phase I ESAs for a total of 31 properties to date for LADWP including a 23-Site portfolio in the Bishop/Big Pine area of Inyo County.
- **Phase I ESA, Orange County Transportation Authority (OCTA), Placentia, CA.** Performed Phase I ESA for a former auto repair facility in Placentia, CA.
- **Phase I ESA, Various Clients, Southern California, Arizona, Nevada, and Oregon** Performing Phase I Environmental Site Assessments for various clients, including lending institutions, large corporations, and private clients on hundreds of sites including gasoline stations, dry cleaners, large industrial properties, and commercial and residential properties.
- **Groundwater Monitoring, Costa Mesa, CA.** In field oversight of groundwater monitoring activities for semi-annual groundwater monitoring and post-remediation monitoring at former industrial facility in Costa Mesa, CA.
- **Tenant Inspection Program, Southern and Northern California, Phoenix, Atlanta, Calgary** Involved with tenant audits of warehouse, light industrial, and commercial facilities at a number of business parks in southern and northern California, Phoenix, Atlanta, and Calgary.

PROFESSIONAL REFERENCES

Furnished upon request

STEVEN GROD

Project Manager, Private Practice Group Tetra Tech, Inc. – Division PPG

EDUCATION/SPECIAL TRAINING

B.S. Oceanography – Humboldt State University – Arcata, CA

REGISTRATIONS/CERTIFICATIONS

Registered Environmental Assessor #07806
OSHA 40-Hour HAZWOPER Training (29 CFR 1910.120)
AHERA-certified Building Inspector

QUALIFICATIONS

Mr. Grod has over 15 years of experience in the conduct of environmental studies in the United States. This experience includes property transfer evaluation of individual residential, commercial, industrial, and manufacturing properties and portfolios primarily across the western United States; and soil and groundwater characterization.

Currently, Mr. Grod serves as a Project Manager of Tetra Tech Inc.'s Irvine, California office. As Project Manager, Mr. Grod is responsible for performing and/or overseeing or supervising environmental assessments, environmental sampling, compliance audits, regulatory records research and review, subsurface investigations, and preparation of AutoCAD-based drawings.

Previously, Mr. Grod held similar positions in California with Vertex Engineering Services, Inc., and at ATEC Environmental Consultants (ATEC) and ATC Associates Inc. (ATC), which acquired ATEC in 1996.

RELEVANT EXPERIENCE SUMMARY

- Managed and performed Phase I environmental site assessments and vapor intrusion assessments for a variety of properties including residential, commercial, industrial, manufacturing, and oil field properties. Specific property types have included multi-tenant shopping centers, strip shopping centers, high-rise office buildings, dry cleaners, gasoline/service stations, metal and powder coating facilities, wire manufacturing facilities, injection molding facilities, medical and biological research and development facilities, aerospace facilities and computer parts manufacturing facilities.

- Managed the performance of quarterly tenant inspection reviews of approximately 65 million square feet of tenant space nationwide.

- Performed Phase I environmental site assessments and NEPA studies for the wireless telecommunications industry.

- Assisted with oversight of soil borings and groundwater monitoring well installations, and performing soils and groundwater sampling.

- Performed reviews/searches of regulatory records for legislation regarding hazardous materials use, hazardous materials and waste storage, and hazardous waste disposal; and conducted environmental compliance audits at industrial and commercial facilities.

- Assisted with preparation of compliance documentation (Hazardous Materials Business Plans and Spill Prevention, Control, and Countermeasures Plans).

- Performed AHERA, modified AHERA, and comprehensive Asbestos Surveys in residential, commercial and industrial buildings.

- Performed modified HUD lead-based paint sampling utilizing wipe sampling and chip sampling techniques.

- Assisted with lead-based paint surveys using gamma ray spectrometer.

- Performed radon gas and lead in drinking water sampling surveys.

- Performed numerous Phase I environmental site assessments in California. Specific properties for recent Phase I environmental site assessments have included an aerospace manufacturing facility, an ink manufacturing facility, a plastics manufacturing facility, and a construction company equipment yard and maintenance facility (located within an oil field; with oil wells on-Site).

- Recent regulatory agency records reviews have included National Priority List (NPL; also known as Superfund) sites including the San Gabriel Valley and San Fernando Valley Superfund sites. Additional recent regulatory agency records reviews have been performed for cases pertaining to soil, soil gas, and/or groundwater impacted with hazardous substances that are overseen by regional (California Regional Water Quality Control Board [RWQCB] and local (City/County Environmental Health Departments) regulatory agencies. Specific property types for the cases included a former oil refinery, a landfill, a dry cleaning facility, and a number of gasoline/service stations.

EMPLOYMENT HISTORY

2005 – Present	Tetra Tech, Inc. – Divisions - PPG Irvine, CA
2003 – 2005	Vertex Engineering Services, Inc. (A Former Division of Tetra Tech, Inc. Irvine, CA
1996 – 2003	ATC Associates Inc. (ATC) Tustin, CA
1991 – 1996	ATEC Environmental Consultants (ATEC) Newport Beach, CA
1984 – 1991	Orange County Marine Institute Dana Point, CA

PROFESSIONAL REFERENCES

Furnished upon request

BERWYNSON R. SALAZAR

Engineer III/ Project Manager I **Tetra Tech, Pasadena**

REGISTRATION/CERTIFICATION/SPECIAL TRAINING

40-hour OSHA Health and Safety Training for Hazardous Materials Workers and Operators (Hazwoper)
8-hour OSHA Hazwoper Refresher Course
CPR Training with Refresher Course
10-hour OSHA Construction Health and Safety Course
Registered Environmental Assessor #30340

EDUCATION

B.S., Computer Engineering, Mapua Institute of Technology, Manila, Philippines, 1992

YEARS OF EXPERIENCE

Years of Relevant Experience: 10
Years with Tetra Tech: 5.5

QUALIFICATIONS

Mr. Salazar has over 10 years of experience performing site assessment/investigations and remediation including assessments of groundwater, surface water, soil, soil gas, and indoor air. Mr. Salazar's experience includes soil gas investigations, indoor air quality assessments of commercial and residential properties, community/ambient air monitoring and sampling, Preliminary Environmental Assessments (PEA), Phase I Environmental Site Assessment (ESA), contaminated site investigations, groundwater monitoring program implementation, and contaminated site remediation. Mr. Salazar has participated and managed site investigations including development of the investigation approach, Work Plan/Quality Assurance Plan preparation, field program implementation and management, chemical data acquisition, analytical data interpretation, and report preparation. Mr. Salazar has experience assessing sites with soil, groundwater, soil gas and surface water contamination including heavy metals, chlorinated solvents, methane, pesticides, PCBs, and fuel components; and experience assessing commercial and residential buildings for the vapor intrusion pathway. In addition, Mr. Salazar has extensive experience in site characterization data and expertise in environmental analytical chemistry including data interpretation and QA/QC procedures.

SELECTED PROJECT EXPERIENCE

- **Project Manager - Gage Avenue Soil Gas Investigation, South Gate, California** — Mr. Salazar was the project manager for the soil and soil gas investigation that conducted in response detected elevated levels of PCE and TCE at a proposed school site. The soil and soil gas investigation found the potential point of release as a former dry cleaning facility within a few yards from the Site. Mr. Salazar was involved in the preliminary discussions with DTSC, preparation of work plan, field sampling for soil and soil gas, and preparation of investigation report which was submitted to DTSC.

- **Field Engineer - Midfield Redevelopment Program Environmental Assessment, Los Angeles International Airport (LAX), California** — Mr. Salazar was one of the task managers for an extensive environmental assessment of the LAX midfield areas. Tetra Tech conducted a comprehensive environmental site assessment of the 150-acre midfield area where aircraft maintenance, fueling, and support facilities were located. The project included background and

historical research to identify areas of potential subsurface contamination and an extensive drilling and sampling program to verify and delineate contaminant plumes.

- **Field Engineer - Soil Gas Investigation at the Proposed ARFF 80 Relocation Site, Los Angeles International Airport (LAX), California** – Mr. Salazar was the task manager assigned to implement the approved work plan for sub-slab soil gas investigation conducted around the area where Air Rescue and Fire Fighting (ARFF) Station 80 was proposed to be relocated. The area was formerly part of the Continental Airlines leasehold and has potential soil/soil gas contamination due to jet fuel pipelines and VOCs releases.

- **Project Manager - Environmental Oversight - Earthwork/ Construction of Taxilane S and Earthwork/ Construction of Tom Bradley International Terminal Expansion Project, Los Angeles International Airport (LAX), California** – Mr. Salazar was onsite for several months to oversee the removal action related to the earthwork for the project. Several areas of concern that were identified during the Midfield Investigation as being impacted by Lead, TPH (Jet Fuel), and VOCs were located within the footprint of the Taxilane S and TBIT expansion projects. As a prerequisite of the project Mr. Salazar completed the OSHA 10-hour Construction Safety Training Course. During the earthwork operations, several USTs were removed as well as clarifiers and underground utilities. Mr. Salazar managed the removal of such subsurface structures in compliance with all existing regulations and protocols and as per specification from LAWA Environmental Services Division (ESD). In one area of the project, a 600feet by 30feet section of the old basement was shored with heavy metals impacted preserved wood. Mr. Salazar co-authored the air monitoring plan to monitor exposure of workers during the removal action as well as oversaw its implementation during the removal action. Mr. Salazar also collected samples of the soils in contact with the wood lagging to document the extent of leaching of heavy metals. In cases where asbestos containing materials (ACM) were suspected, Mr. Salazar oversaw the sampling and monitoring of the ACM abatement by a Certified Asbestos Consultant (CAC) as per SCAQMD regulations. Mr. Salazar also coordinated with the demolition and contaminated soil subcontractors regarding their Hazardous Materials Management Plan and their task specific Health and Safety Plan. Mr. Salazar also coordinated with the Los Angeles Fire Department (LAFD) inspector regarding implementation of the Division 5 permit for all soils excavated around removed fuel lines in the affected areas.

- **Assistant Project Manager - Remediation of Former Aliso Street MGP Site, Sector E, Los Angeles, California** – Mr. Salazar assisted the Site Manger/Project Geologist in managing the day to day operations during the removal action at the former MGP facility located around several sensitive receptors (LA County Jail and Correctional Facilities, operating MTA facility and general public). The site was impacted by TPHs, VOCs, PAHs and heavy metals from all the previous activities at the Site. Mr. Salazar was involved in the soil and soil gas sampling that was implemented around the properties to assess the offsite migration of VOCs. Mr. Salazar co-authored the closure report that was submitted to DTSC and received a no further action closure.

- **Assistant Project Manager - Remediation of Former Ventura MGP Site, Ventura, California** – Mr. Salazar assisted the Site Manger/Project Geologist in managing the day to day operations during the removal action at the former MGP facility located around several sensitive receptors (residences and public school). The site was impacted by TPHs, VOCs, PAHs and heavy metals from all the previous activities at the Site. Mr. Salazar implemented the community air monitoring by using high volume samplers for PM-10 (dust and lead) and PAHs. Lead-based paint (LBP) and asbestos containing materials (ACM) abatement was performed on several onsite buildings, Mr. Salazar coordinated with the CAC and Certified Lead Inspector/ Assessor (CLIA) during the ACM/LBP

abatement operations. Mr. Salazar was also tasked to manage the sampling of storm water and stockpiled excavated soil for the purpose of properly managing the disposition of such waste materials.

- **Assistant Project Manager - Remediation Former Arrowhead MGP Site, San Bernardino, CA** – Mr. Salazar assisted the Site Manger/Project Geologist in managing the day to day operations during the removal action at the former MGP facility located around several operating commercial buildings. The site was impacted by TPHs, VOCs, PAHs and heavy metals from all the previous activities at the Site. An undocumented UST and related pipes were found on one of the parcels, Mr. Salazar coordinated with the contractor for the proper documentation and subsequent removal of the UST. Mr. Salazar wrote the Soil Management Plan for the remaining onsite contamination which was made an integral part of the Land Use Covenant (LUC) for the Site that was a condition for its closure.

- **Project Manager - Vernon Discovery Project, Vernon, CA** – Mr. Salazar managed the soil/soil gas investigation under the oversight of the DTSC. Sampling was performed in and around several industrial facilities in the City of Vernon. All soil gas samples were analyzed onsite by a mobile lab and soil samples were sent to a fixed lab for analysis. Mr. Salazar was a member of the team who wrote the report for the project.

- **Project Manager – Manchester Square and Belford Avenue Hazardous Materials Survey and Abatement/Demolition Oversight, LAX** – Mr. Salazar reviewed the proposed technical specification for the abatement and demolition of 17 structures within the project site ranging from single family residences to multi-family apartment units. Mr. Salazar wrote the project specific work plan and health and safety plan for the hazmat surveys and co-authored the hazmat survey report for each property. Mr. Salazar was also involved in the oversight of abatement and demolition of the buildings as per LAWA specifications.

- **Project Manager – Phase I ESA and ACM/LBP/Hazmat Survey of LSG Sky Chef Building – Ontario International Airport** – Mr. Salazar wrote the site specific work plan and health and safety plan for the project. He coordinated the field surveys and reviewed the reports submitted to the client.

- **Project Manager – Standard Nickel Abatement/Decontamination/Demolition, Los Angeles, CA** – Mr. Salazar co-authored the site specific operations plan and health and safety plan for the project. He oversaw the decontamination of the building and the abatement operations for ACM and LBP. He wrote the post abatement/demolition report for the project.

EMPLOYMENT HISTORY

2006 - Present	Tetra Tech, Inc.
2002 - 20006	El Capitan Environmental Services
2001 - 2002	American Environmental Testing Laboratory
1999-2001	Advanced Technology Laboratories

APPENDIX G
LACMTA ENVIRONMENTAL CHECKLIST

ATTACHMENT "B"

LACMTA ENVIRONMENTAL CHECKLIST

A. GENERAL INFORMATION REGARDING SITE'S CURRENT OWNERSHIP AND USAGE

1. What is the site address?

_____

2. What is the site's zoning?

Residential	☐	Agricultural	☐
Office	☐	Industrial	☐
Manufacturing	☐	Other (Specify)	☐

3. Who is/are the current owner(s) of the site?

_____

_____

4. Who is/are the current occupant(s) of the site (if other than the owners)?

_____

_____

a. When did the current tenant first occupy the site?

Year _____

5. Describe the current use of the site.

Residential ☐

Commercial ☐

Industrial ☐

Other (Specify) _____

6. When were the building(s) on the site constructed?

Year _____

a. Have there been any major additions or alterations (including demolition or removal) to the building(s)?

Yes ☐ No ☐ Do not know ☐

B. GENERAL INFORMATION REGARDING SITE'S PAST OWNERSHIP AND USAGE

1. Who is/are the past owner(s) of the site?

_____

_____

2. Who was/were the past occupants or operators of the site [if other than the owners)]?

_____

_____

3. Describe the past uses of the site (e.g., residential, office, commercial, manufacturing, industrial and/or agricultural).

Residential ☐ Agricultural ☐

Office ☐ Industrial ☐

Manufacturing ☐ Commercial ☐

Other (specify) _____

C. GENERAL INFORMATION REGARDING ADJACENT PROPERTIES

1. Describe generally the current use(s) of the adjacent properties (e.g., residential, office, commercial, manufacturing, industrial and/or agricultural).

Residential ☐ Agricultural ☐

Office ☐ Industrial ☐

Manufacturing ☐ Commercial ☐

Other (specify) _____

2. Have any adjacent properties been used for industrial, manufacturing, or refining purposes?

Yes ☐ No ☐ Do not know ☐

D. ASBESTOS

1. Was/were the building(s) constructed prior to 1979?

Yes ☐ No ☐ Do not know ☐

Year _____

2. Has a survey, including testing of building materials and/or air samples, been completed to document whether asbestos is present in the building(s)?

Yes ☐ No ☐ Do not know ☐

a. Company performing survey.

_____

b. Date of survey.

Year _____

c. Copy of survey available?

Yes ☐ No ☐ Do not know ☐

3. Is there any other documentary evidence that asbestos-containing materials were used in the construction of the building(s)?

Construction Plans ☐

Architectural Specifications ☐

Warning Signs ☐

Other (identify) _____

4. If asbestos is/was present in the building(s), has any asbestos abatement work been completed or commenced?

Yes ☐ No ☐ Do not know ☐

5. If so, does any documentation exist regarding same?

Yes ☐ No ☐ Do not know ☐

a. Name of contractors or consultants who performed work.

_____

b. Where was the work performed?

_____

_____

c. Status of removal work (ongoing, completed, obtaining bids?)

_____

_____

E. POLYCHLORINATED BIPHENYLS (PCBs)

1. Are there any electrical transformers or capacitors on the site?

_____

2. Is there any evidence of leakage or damage to or in and around such equipment?

_____

3. Have the electrical transformers or capacitors been tested for PCBs?

_____

4. Are the electrical transformers or capacitors owned by a public utility company, the site owner, or the tenant?

_____

F. UNDERGROUND AND ABOVEGROUND STORAGE TANKS

1. Are there any underground storage tanks located on the site? (If so, how many?)

_____

_____

2. For each underground storage tank, please answer:

a. Is the tank currently in use?

_____

b. What is the content (e.g., gasoline, diesel fuel, solvents)?

_____

c. What is the size (e.g., 1,000, 5,000, 10,000 gallons)?

_____

d. When was the tank installed?

_____

e. Is there a permit for the tank? If so, who is listed as the owner?

_____

f. Have tests or monitoring been conducted to check for tank pressure, integrity, leaks, or spills? If so, when?

_____

By whom?

_____

Does a report exist?

_____

f. Is the tank no longer being used but still exists in the ground? (e.g., Has the tank been "abandoned"? If so, has any closure plan or report been completed?)

_____

_____

3. For each aboveground tank, please answer:

   a. Is the tank currently in use?

   _____

   b. What is the content (e.g., gasoline, diesel fuel, solvents)?

   _____

   c. What is the size (e.g., 1,000, 5,000, 10,000 gallons)?

   _____

   d. When was the tank installed?

   _____

   e. Is there a permit for the tank? If so, who is listed as the owner?

   _____

   _____

   f. Have tests or monitoring been conducted to check for tank pressure, integrity, leaks, or spills?

   When?

   _____

   By whom?

   _____

   Does a report exist?

   _____

5. Have any underground tanks been removed from the site?

_____

a. When?

_____

b. Name of contractor/disposal company.

_____

c. Where were the tank(s) transported?

_____

d. Any agency records or approvals?

_____

e. Were the soils or groundwater under and around the tank tested for possible contaminants?

_____

f. What were the test results? (Provide name of environmental consultant and report copies).

_____

_____

g. What action, if any, was taken to clean up the contamination (e.g., soil removal, in-situ treatment)?

_____

h. Identify any governmental agency that was involved.

_____

G. STORAGE OF MATERIALS IN DRUMS OR OTHER CONTAINERS

1. Are there any materials (e.g., solvents, oils, manufacturing by products) stored on the site in drums or containers other than in tanks?

_____

a. How many drums/containers (number and size)?

_____

_____

b. Types and quantities of materials stored.

_____

_____

2. Have any drums or containers leaked or spilled?

_____

a. Are they stored in a bermed, covered or enclosed area with appropriate secondary containment?

_____

3. Do any of the drums or containers have labels that identify their contents as hazardous materials or hazardous wastes?

_____

H. AIR EMISSIONS

1. Are there activities on the site which produce air emissions (e.g., spray painting, printing, venting, or mechanical exhaust)?

_____

_____

2. Describe the air emissions from each source (e.g., fuels burned from manufacturing process).

_____

3. Are the air emissions monitored?

_____

4. Is there any equipment used to control the emissions?

_____

5. Are there any air permits or licenses pertaining to the air emissions?

_____

_____

I. WATER DISCHARGE

1. Does the site generate any waste water or other liquid discharges?

_____

2. For each such discharge:

   a. What is the on-site source (e.g., any plating operation or manufacturing)?

   _____

   b. What is/are the pollutants contained within the discharge (e.g., heavy metals, solvents, sludge)?

   _____

   c. Are there any permits or licenses regulating the discharge flow?

   _____

   d. Is there any equipment used to control the discharge(s)?

   _____

J. WASTE DISPOSAL PRACTICES

1. Describe the liquid and solid wastes generated at the site (other than waste water as discussed in section I above).

_____

_____

2. Are such wastes stored on site?

_____

a. How many days (more than 90 days)?

_____

b. How are they stored (e.g., in drums or tanks)?

_____

3. Is any waste treated or recycled on site?

_____

a. Does the site owner or operator have a permit to treat or recycle?

_____

4. How is waste transferred off-site?

_____

a. By a licensed hazardous waster hauler?

_____

b. Is a hazardous waste manifest filled out? Does other documentation exist?

_____

K. REPORTING, DISCLOSURE AND NOTIFICATION REQUIREMENTS

1. Have any written warnings been made pursuant to Proposition 65 for:

a. Tobacco smoke?

_____

b. Asbestos?

_____

c. Other carcinogens and/or reproductive toxicants on the Proposition 65 list which are used on the site?

_____

2. If any of the buildings have asbestos-containing materials, has any written notice been provided to the lessees or employees located on the site?

_____

3. Has any tenant given the owner notice of a release of a hazardous substance which has occurred on or beneath the site?

_____

a. Nature of notice

_____

b. Nature of release

_____

4. Has the site owner, in connection with the sale or lease of the site, given a prospective lessee or buyer notice of a release of a hazardous substance which has occurred on or beneath the site?

_____

_____

a. Nature of notice

_____

b. Nature of release

_____

5. Are any Material Safety Data Sheets (MSDS) regarding hazardous substances available to employees who work on the site?

_____

6. Has any emergency response plan been prepared by the site owner, operator or tenant(s) in the event of a release of hazardous materials, pursuant to any of the following programs:

a. SARA Title III (Federal Law)

_____

b. California Business Plan requirements (Cal. Health & Safety Code Sections 25503 et seq.)

_____

c. Local Fire Department regulations

_____

d. Other federal, state or local mandates

_____

L. INSURANCE

1. Is/are there general liability insurance policy(ies) for the site?

_____

2. Who is the insurance carrier?

_____

3. Who is/are the insured and beneficiary(ies)?

_____

4. Who is the insurance broker?

_____

5. What are the dates of coverage?

_____

6. Any provisions regarding pollution coverage or pollution exclusions?

_____

7. Has the insurance carrier been notified in writing of any environmental claim relating to the site?

_____

8. Did past owners or tenants have general liability insurance for the site or businesses conducted on the site?

_____

M. ENVIRONMENTAL STUDIES, REPORTS, CITATIONS, ENFORCEMENT

1. Has an environmental audit, study or report been conducted regarding the site?

_____

a. Date of audit, study or report

_____

b. Name or company who prepared same

_____

2. Has an environmental governmental agency (i.e., Department of Toxic Substances Control, Air Quality Management District, Regional Water Quality Control Board, Department of Public Works, Fire Department) issued a violation, citation, or required some compliance measure to be taken?

_____

a. When?

_____

b. What agency?

_____

c. What action required?

_____

d. Status of matter.

_____

3. Has any environmental enforcement action been taken or initiated regarding the site?

_____

a. When?

_____

b. Against whom?

_____

c. What action required?

_____

d. Status of matter

_____

CHECK LIST FILLED OUT BY:

_____ _____
Signature Date

_____
Name (print/type)

_____
Title

APPENDIX H
PHASE I ESA SHELF LIFE SUMMARY

PHASE I ESA SHELF LIFE SUMMARY

Effective Date of the Phase I ESA Report:
June 12, 2012

Date Site Inspection Reconnaissance was Performed:
March 20 and April 17, 2012.

Dates Interviews Were Performed:
December 21, 2011 to March 27, 2012.

Dates Records Reviews were Performed:
December 21, 2011 to April 20, 2012.

Date Lien Search was Performed:
Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-007, 3630 Crenshaw Boulevard, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-006, 3644 Crenshaw Boulevard, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-010, 3510 Exposition Boulevard, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-008, 3515 Rodeo Road, Los Angeles, California: dated January 31, 2012.

Texas Environmental Research, Environmental Lien And Other Activity Use Limitations (AUL) Search and Chain of Title Report, Parcel 5044-002-009, Los Angeles, California: dated January 31, 2012.

Shelf Life
The shelf life (continued viability) of the Phase I ESA report is pursuant to the timeframes specified within 40 CFR §320 et al. and the ASTM E 1527-05. Tetra Tech understands those time frames to be one year and/or 180 days, respectively.

Phase II Environmental Site Assessment (ESA) Report
Parcel Number – CR-4505
3515 Rodeo Road
Los Angeles, CA 90016

LACMTA Contract Number - PS136510023

Prepared for:

Los Angeles County Metropolitan Transportation Authority (LACMTA)
One Gateway Plaza
Los Angeles, CA 90012

Prepared by:

3475 E. Foothill Blvd.
Pasadena, California 91107-6024

February 2013

TETRA TECH

February 6, 2013

Ms. Carol Chiodo
Manager
Real Estate Services
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, MS 99-18-4
Los Angeles, CA 90012-2952

Subject: **Phase II Environmental Site Assessment**
Crenshaw/Rodeo Properties
Parcel Number CR-4505
3515 Rodeo Road, Los Angeles, California 90018
LACMTA Contract No. PS136510023

Dear Ms. Chiodo:

Tetra Tech, Inc. is pleased to submit this Phase II Environmental Site Assessment (ESA) report to the L.A. County Metropolitan Transportation Authority for the above-referenced property (the Site).

The results of the soil and soil gas investigation that was conducted at the Site as per the approved work plan showed that there were no contaminants of concern and no further investigation is recommended.

We appreciate the opportunity to provide you with this service. Should you have any questions or comments regarding this report or our findings, please contact us at your convenience.

Sincerely,

TETRA TECH, INC.

Berwyn Salazar, REA
Project Manager/Engineer
Phone: 626-470-2836

Clifford R. Pollock, C.Hg., PE
Project Geologist
Phone: 626-470-2455

DISCLAIMER

This Phase II ESA Report for Soil, Groundwater, and Soil Gas Investigation (Report) is prepared for the sole use and benefit of the Los Angeles County Metropolitan Transportation Authority (Client) and for the specific Site known as CR-4505 (3515 Rodeo Road, Los Angeles, California 90016). **Neither this Report nor any of the information contained therein shall be used or relied upon for any purpose by any person or entity other than the Client.**

This Report was prepared based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain, and partially on the information Tetra Tech obtained during the Phase II ESA process. Documentation for the statements made in the Report is on file at Tetra Tech's Pasadena, California, office. Tetra Tech makes no warranty as to the accuracy of statements made by others which are contained in this Report, nor are any other warranties or guarantees, expressed or implied, included or intended in the Report with respect to information supplied by outside sources or conclusions or recommendations substantially based on information supplied by outside sources. This Report has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for this Report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards, which could possibly cause accidents, injuries, or damage unless those hazards were apparent, and should have been discovered, as a result of the services Tetra Tech performed for the Client. This Report represents the best professional judgment of Tetra Tech; however, compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of the Client's obligations under local, state, or federal laws, or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

TABLE of CONTENTS

1. INTRODUCTION

Tetra Tech, Inc. was authorized by the Los Angeles County Metropolitan Transportation Authority (LACMTA), on October 30, 2012 under contract number PS136510023, to conduct a Phase II Environmental Site Assessment (ESA) of the properties referenced as the Crenshaw/Rodeo Properties (CRP), Parcel Numbers CR-4503, CR-4504, CR-4505 and CR-4506 located at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California. On behalf of the LACMTA, Tetra Tech has prepared this Phase II ESA report for Parcel Number CR-4505 based on data gathered during onsite investigation that was performed as per the work plan that was approved by LACMTA prior to site mobilization. The general location of the Site is shown on Figure 1.

The sampling locations shown in Figures 2 and 3 were sampled by Tetra Tech based on the results of the Phase I ESA that was conducted on the CRP as reported on the Phase I ESA Report dated June 12, 2012. In the Phase I ESA report, Tetra Tech identified several recognized environmental conditions (RECs) in the CRP and several potential environmental concerns (PECs) on adjacent properties that warranted further site investigation. The RECs included: 1) a gasoline service station located in the western (and later southwestern) portions of the CRP from approximately 1947 to 1981; 2) an automotive repair garage in the northeast portion of the CRP in the late 1940's; and 3) a carwash in the southeast portion of the CRP in the 1960's. The PECs included: 1) Shell Oil Company gasoline service station located off-Site across Crenshaw Boulevard; and 2) a dry cleaner (Cameo Cleaners) located to the southeast across Rodeo Road. The purpose of the Phase II ESA is to determine if the RECs and PECs have adversely impacted the CRP.

The scope of work performed on Parcel CR-4505 consisted of the advancing 4 Geoprobe® boring locations; installation of soil gas probes; and the collection of soil and soil gas samples for the purpose of conducting a Phase II ESA. Grab sampling of groundwater using Hydropunch® methodology was not performed on this parcel since the field observations indicated no need for such. All samples collected during the Phase II ESA activities were transported to Positive Lab Service (PLS), a certified laboratory for analysis using applicable U.S. Environmental Protection Agency (EPA) Methods with the exception of soil gas samples that were analyzed onsite by a mobile laboratory from Baseline Analytical Services.

This Phase II ESA Report was prepared based on results of the investigation and Tetra Tech's interpretation of such results as well as information obtained from various communications with LACMTA representatives throughout the project duration.

2. PROJECT BACKGROUND

Site Description

The Site is located on the parcels of land bounded on the north by Exposition Boulevard, on the east by South Bronson Avenue, on the south by Rodeo Road, and on the west by Crenshaw Boulevard in Los Angeles, California. According to information on file at the Los Angeles County Assessor's office, the Site is identified as Assessor's Parcel Numbers (APNs) 5044-002-008 and 5044-002-009 are currently owned by the Ghalili Family Trust.

The property with the LACMTA designation of CR-4505 (referred to as "the Site" from this point forward) is occupied by Haven Burger and an empty parking lot, respectively. The building occupied by Haven Burgers is approximately 1,120 square feet in size and was constructed in 1968. Haven Burgers consisted of an ordering/seating area, cooking/preparation area, and dish/equipment washing area. The restaurant had refrigerators and freezers for the storage of food products. A container used to store used cooking oil/grease was located outside of the building in the parking area to the north of the building.

One monitoring well vault cover was observed at the eastern corner of the Site. This well is being used to monitor groundwater conditions associated with releases of dry cleaning solvents from the Cameo Cleaners site located adjacent to the southeast of the Site. The remainder of the Site outside the Site building footprints is improved with asphalt-paved parking, concrete walkways, and landscaping. No areas of stressed vegetation were observed. No areas of surficial staining were observed except for minor oily-appearing staining from parked vehicles.

Historical Land Usage

The building occupied Haven Burgers (3515 Rodeo Road) was constructed in 1968. The existing building has been used by either the same tenants since construction or have been used for similar purposes as the current uses since construction.

Historical uses of the Site as a car wash from 1961 to 1968 are considered to be a recognized environmental condition (REC) to the Site. The car wash appears to have formerly been located at the Site (current address of 3515 Rodeo Road).

Phase I ESA Summary

Tetra Tech performed a Phase I ESA consistent with the scope and limitations of ASTM Standard Practice E1527-05 on the Site and submitted a Phase I ESA report dated June 12, 2012. The Phase I ESA assessment revealed no evidence of recognized environmental conditions in connection with the Site except for the following:

- Historical uses of the Crenshaw Rodeo properties including a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968 are considered to be a REC to the Site.
- No historical recognized environmental conditions (HRECs) or business environmental risks (BERs) have been found in connection with the Site.
- The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site.

- The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site.

The Phase I ESA also reported that the Shell station and Cameo Cleaners are hazardous waste release sites, the former for petroleum fuel hydrocarbons and the latter for chlorinated solvents (specifically tetrachloroethene, PCE). The on-site gasoline service station included repair bays and dispensed various grades of gasoline. In addition, waste oils were stored at the station in waste oil underground storage tanks (USTs). At least seven USTs (five for gasoline products and two for waste oils) were installed on various Site properties and later removed without sampling and without formal closure of the USTs by the Los Angeles Fire Department (LAFD). LAFD closure typically required submittal of a UST removal report with analytical soil sampling results. Based on our review, it is possible that one UST may still be present at the Site.

One onsite groundwater monitoring wells, MW-5 is located at the eastern corner of the Site (as shown in Figures 2 and 3). It was constructed with 25 feet of casing and at least 10 feet of well screen starting at 10 feet below ground surface. The groundwater flow direction appears to be to the northwest, based on our review of the water table contour map in a December 2010 groundwater monitoring report for December 2010 prepared by Bowyer Environmental Consultants, dated February 2, 2011.

In addition to the Bowyer Environmental Consultants groundwater monitoring report, Tetra Tech reviewed URS's second quarter 2011 groundwater monitoring report, submitted to Shell Oil Products in July 15, 2011. The URS report indicated that monitoring well MW-4, located west of the Site on Crenshaw Boulevard was found to contain elevated concentrations of BTEX and TPH-gasoline. The same report shows that the groundwater flow direction appears to be to the southeast, as shown in Figures 2 and 3 of the said URS report.

The Phase I ESA report recommended the following:

- A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered as an REC, and adjacent properties considered as a PECs to the Site, have adversely impacted the Site. The investigation should include the Site and all adjacent parcels (CR-4503, CR-4504, and CR-4506).
- During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

Based on the above recommendations, LACMTA has authorized Tetra Tech to perform this Phase II ESA at the Site.

3. FIELD INVESTIGATION

The Scope of Work for the Phase II ESA at the Site included advancement and soil sampling of 4 Geoprobe® direct push soil borings, completion of one boring as nested vapor probes, soil gas sampling from the nested vapor probes, analytical testing, data interpretation, and report preparation to document the work and provide results. The sampling locations are shown in Figures 2 and 3. The sampling locations have been selected to be in and around the identified onsite PECs and REC's identified in the Phase I ESA report. Tetra Tech obtained a Dig Alert number for the Site prior to drilling (Notification number #A23450695). A copy of the Dig Alert Notification is included in Appendix A. Tetra Tech subcontractor, Pacific Coast Locators (PCL) performed underground utility clearance at each boring location prior to drilling. Some of the sampling locations were moved based on the results of the geophysical survey and varied slightly from what was proposed in the approved work plan for the project.

Work Plan and Health and Safety Plan

The Phase II ESA work plan was prepared to describe the specifics of the field investigation, analytical testing program, and data interpretation criteria. The work plan included a field sampling plan that describes each sampling location, what sample(s) will be collected, what chemicals they will be analyzed for, and the justification for collecting each sample and sample type. LACMTA approved the Phase II ESA Work Plan which was prepared for all parcels within the Crenshaw Rodeo Properties prior to mobilization.

A health and safety plan (HASP) was also prepared prior to site mobilization. The health and safety plan discussed potential chemicals of concern, physical and biological job hazards associated with the proposed investigation; field monitoring equipment; action limits; personal protective equipment (PPE); work zone delineation and decontamination; emergency plan and hospital direction; medical surveillance; and tailgate safety meetings. The HASP provided details on health and safety procedures that will be followed to ensure a safe work environment. The HASP was made available at all times during the field operations. All Tetra Tech personnel and subcontractors assigned to the project complied with the requirements of the HASP. LACMTA approved the HASP which was prepared for all parcels within the Crenshaw Rodeo Properties prior to mobilization.

Field Preparation and Geophysical Clearance

Field preparation and geophysical utility clearance included: 1) notifying Underground Service Alert (USA) Dig Alert and securing a Dig Alert number for the Site (#A23450695); 2) for all boring locations, "clearing" (i.e., attempting to identify buried utilities and other subsurface obstructions within a 5-foot by 5-foot area around each boring) each boring using several types of surface geophysical instruments including magnetometers, electromagnetic conductance meters, and ground penetrating radar (GPR) to identify any subsurface utilities and anomalies.

The proposed boring locations were clearly marked with white paint. Underground Services Alert (USA) was notified of the intent to conduct subsurface investigation. USA contacted all utility owners of record within the Site vicinity and notified them of the intention to conduct

subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface in the public right-of-way adjoining the Sites. Several of the utility owners or their representatives contacted the Tetra Tech Project Manager and informed him of potential conflicts and reminders. Dig Alert usually identifies all buried utilities in public and accessible areas, but not on properties. Since the Site is mostly open to the public and used as parking areas the representative of notified utility companies marked the location of their lines within the Site limits. A private geophysical surveying firm (PCL) was retained by Tetra Tech to perform geophysical surveys prior to start of drilling operations. After the utility clearance was completed, the drillers initiated their drilling activities.

Drilling, Soil Sampling, and Nested Vapor Probe Installation

On December 11 and 12, 2012, a truck mounted Geoprobe® drilling rig equipped for direct push drilling from Millennium Environmental was used to advance each soil boring, after it is cleared to 2.5 feet bgs using hand augers. The drilling method involves advancement of small-diameter (2.25-inch) steel drive casing and retrieval of continuous core inside a clear acetate tube. Soil samples were collected for analytical testing at discrete sampling intervals to groundwater, which was encountered at approximately 15 feet bgs. Borings that were not to be completed as vapor probes were properly abandoned after sampling, using hydrolyzed bentonite and capped properly with cold patch asphalt to match the existing site condition.

Soil sample identification was standardized such that the first six characters (CR-4505) indicated the property where the sample was collected. Following the second dash is the chronological boring number. Finally, the depth at which the sample was collected follows the third dash. Hence, Sample ID **CR-4505-3-2.5** was collected from boring number 3, and at a depth of 2.5 feet below grade surface (bgs). Note that boring numbers were pre-assigned and do not necessarily reflect the order in which the borings were drilled.

All sampling locations are shown in Figures 2 and 3. To minimize impact of the field investigation activities to existing onsite businesses, LACMTA entered into an agreement with the property owners that the field team was only allowed to be onsite from 5 to 11PM.

The soil analytical testing program included full-range total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and Title 22 metals (shallow samples only) using appropriate U.S. Environmental Protection Agency (EPA) test methods. These include EPA Method 8015(B)(Modified) for TPH (carbon chain – C_4-C_{44}) for gasoline-, diesel-, and oil-range hydrocarbons; EPA Method 8260B for VOCs; and EPA Method 6010B and EPA Method 7471A for Title 22 metals.

After soil sampling was completed, one of the borings was completed as nested soil gas probes with probe tip depths of 7.5 and 15 feet bgs. Temporary soil gas vapor probes and Nylaflow tubing were used, and the nested soil gas probes were properly abandoned after soil gas sample collection. All soil gas sampling locations were capped with cold patch asphalt to match the existing/surrounding pavement.

Site lithology was logged and reported in the boring logs that are included in Appendix A. The boring logs also include the depth of the samples collected and the nested soil gas probes. Elevated PID readings and obvious fuel odor were ***not*** observed in these soil samples during the sampling operations. No unusual soil discoloration was observed on any of the soil samples collected. Ground water was encountered at approximately 15 feet bgs on all boring locations.

All soil and groundwater samples were sent to Positive Lab Service, a laboratory accredited under the California Department of Health Environmental Laboratory Accreditation Program (ELAP) under certificate numbers 1131 and 2534 for analytical methods required by the Phase II ESA.

All investigation derived wastes (IDW) were managed and disposed of according to federal, state, and local regulations. A DOT-approved 55gallon drum was used to contain IDW wastes and was temporarily stored at the adjacent parcel CR-4504 parking area while processing the related disposal documentations. All IDW drums left onsite were properly labeled and locked. All drums containing IDW was hauled off as non-hazardous waste by Belshire Environmental Services, Inc. to Soil Safe of California in Adelanto,CA for thermal desorption. The lab results for the soil samples were used as the profile samples that determined its nature as non-hazardous. A copy of the non-hazardous manifest used to haul the IDW drums is included in Appendix A. A certificate of recycling will be provided by Soil Safe and will be transmitted to LACMTA by Tetra Tech upon receipt.

Soil Gas Survey

Soil gas survey was performed using temporary nested vapor probes installed in one of the Geoprobe® borings (soil sampling location CR-4505-4). The soil gas survey conformed to the guidelines in California Department of Toxic Substances Control (DTSC) Advisory for Active Soil Gas Surveys, dated April 2012 [DTSC, 2012].

The rods were pushed down from the ground surface using a hydraulic hammer to the maximum sample depth of 15 feet bgs. A gas-permeable filter (aquarium bubbler) connected to 1/8-inch diameter Nylaflow tubing was lowered to just above the bottom through the inside of the drive rods and backfilled (gravity fed) with approximately 1 foot of Monterey Sand filter pack, then the top was capped with bentonite and hydrated with water up to the next sample depth of 7.5 feet bgs. The shallow soil gas probe was then installed in the same way, and the borehole was sealed to the surface with hydrated bentonite. The drive rods were pulled up slowly while the probes were set to ensure that there was no caving. At the surface, the ends of the two probe tubes sealed with caps and labeled accordingly. The probes were sealed at the surface with hydrated granular bentonite and allowed to equilibrate/stabilize for one day before sampling. The April 2012 Advisory Soil Gas Investigation recommended two hours of equilibration time prior to soil gas sampling [DTSC, 2012]. The soil gas probes at CR-4505 were installed on December 11, 2012 and soil gas samples from the Site were collected on December 12, 2012. After the nested soil gas probes were installed, the bore hole was covered with a metal cover and sealed with cold patch asphalt to minimize the impact of the field investigation activities to the existing businesses at the Site.

Isopropanol which is one of the tracer compounds listed in the April 2012 guidance document, was used as the tracer gas to detect potential ambient air intrusion into soil gas samples during soil gas sampling at each probe. A cloth saturated with Isopropanol was placed at the ground surface collar of the gas probes and near the sampling assembly during purging and sampling, and the samples were analyzed for the tracer compound.

A purge volume test was conducted on the first day at the first sampling location in the adjacent parcel (CR-4504). During the purge volume test samples were collected following one, three, and ten system-volume purges. The resulting analytical data was examined by the project engineer and the purge volume for the remaining locations was selected based on the sample containing the highest concentrations of target analytes which was determined as ten purge volumes (10P).

Soil vapor was withdrawn from the end of the inert tubing that runs from the sampling tip to the surface using a 60 milliliter (ml) syringe connected to the tubing via a 3-way valve. The probe tip and sampling tubing was purged based on the optimum purge volume as described above. A sample of in-situ soil vapor was then withdrawn and immediately transferred to the mobile lab for analysis. The samples were analyzed within 30 minutes from the time of collection. The use of small calibrated syringes allowed for careful monitoring of purge and sample volumes. This procedure ensured that an adequate sample flow was obtained without excessive pumping of air or introduction of surface air into the samples.

Purging and sampling was timed so that the flow rate does not exceed 200 milliliters per minute (ml/min). This was accomplished by withdrawing the plunger on the syringe at a constant rate for 20 seconds. The sample collector noted the collection time and the volume of sample collected on a log sheet. The log sheet is attached to the lab report in Appendix B. The onsite soil gas sample collection and analysis was performed by the chemist from Baseline Analytical Services (BAS). BAS is accredited under the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP) certification number 2284.

One duplicate soil gas sample was collected per day of sampling and analyzed for QA/QC purposes in the same manner as described above. The duplicate sample for December 12, 2012 was collected from the adjacent parcel (CR-4503).

Decontamination

All equipment that comes into contact with potentially contaminated soil was decontaminated consistently to assure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated, but were packaged for appropriate disposal. Decontamination occurred prior to and after each use of a piece of equipment. All drilling and sampling devices used were decontaminated in a pre-designated area using the following procedures:

1. Non-phosphate detergent and tap water wash, using a brush if necessary;
2. Tap water rinse;
3. Initial de-ionized/distilled water rinse; and
4. Final de-ionized/distilled water rinse.

Sampling equipment was decontaminated by methods consistent with the equipment's use. Nitrile or latex surgical gloves were worn during handling and assembly of the sampling apparatus.

Site Restoration

After the completion of sampling, all soil gas probes were removed. The boreholes were backfilled with bentonite chips and hydrated. All boring locations were patched flush with the original surface and covered with cold patch asphalt to match the current surface (see related photo in Appendix C).

4. INVESTIGATION RESULTS

Soil Sampling Results

A total of eight soil samples were collected from CR-4505. Of these samples, seven were analyzed for Total Petroleum Hydrocarbons – Carbon Chain (TPH-CC) by EPA Method 8015(B) modified; none were analyzed for Volatile Organic Compounds including oxygenates (VOCs) by EPA Method 8260B; and four were analyzed for Title 22 Metals by EPA Method 6010B and EPA Method 7471A.

All soil samples analyzed for TPH-gasoline (C_4-C_{12}) were reported as non-detect (ND). A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

The highest TPH-diesel (C_{13}-C_{22}) concentration of 5.53 mg/kg was reported on soil sample CR-4505-1-2.5. TPH-diesel of 4.52 mg/kg was also reported on sample CR-4505-4-10. All TPH-heavy oil (C_{23}-C_{44}) were non-detect (ND). Elevated PID readings and obvious fuel odor were ***not*** observed in these soil samples during the sampling operations. No unusual soil discoloration was observed on any of the soil samples collected. A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

VOCs were not ordered on any of the samples collected at CR-4505 because no elevated PID readings were noted during the field sampling operations.

Metals were reported on all soil samples collected at shallow depths (2.5feet bgs). However, these concentrations were below the Total Threshold Limit Concentration (TTLC) for individual metals. All analytical results for metals were less than 10 times the Soluble Threshold Limit Concentration (STLC) for individual metals. Copies of all analytical reports are included in Appendix B.

Soil Gas Sampling Results

Two soil gas samples were collected at boring location CR-4505-4 located southeast of the Haven Burgers' building as shown in Figure 2. One of the samples was collected at 7.5feet bgs (CR-4505-4-7.5) which is 5feet below the deepest hand augered depth as per the DTSC [2012] Advisory Active Soil Gas Investigations. The second sample was collected at 15feet bgs (CR-4505-4-15). 10 purge volumes were used based on the results of the soil gas sampling conducted in adjacent property CR-4504. All analytes (VOCs and oxygenates by EPA Method 8260B) were reported as non-detect (ND). A summary of the analytical results are shown in Figure 2 and analytical lab reports are included in Appendix B.

5. CONCLUSIONS and RECOMMENDATIONS

No further subsurface investigation is recommended on this Site since there were no contaminants of concern that was identified during the Phase II ESA. However, Tetra Tech's recommendation to conduct further subsurface investigation at one of the sampling locations on the adjacent property (CR-4503-5) which is closest to CR-4505 might impact the Site, more specifically west of the Haven Burgers' building.

6. REFERENCES

American Society for Testing and Materials (ASTM) Designation D 2488-06. *Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)*.

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California Environmental Protection Agency (Cal EPA), 2010. *Office of Environmental Health Hazard Assessment Soil-Screening Numbers, Tables Updated September 23*. September 2010. Available at http://oehha.ca.gov/risk/chhsltable.html

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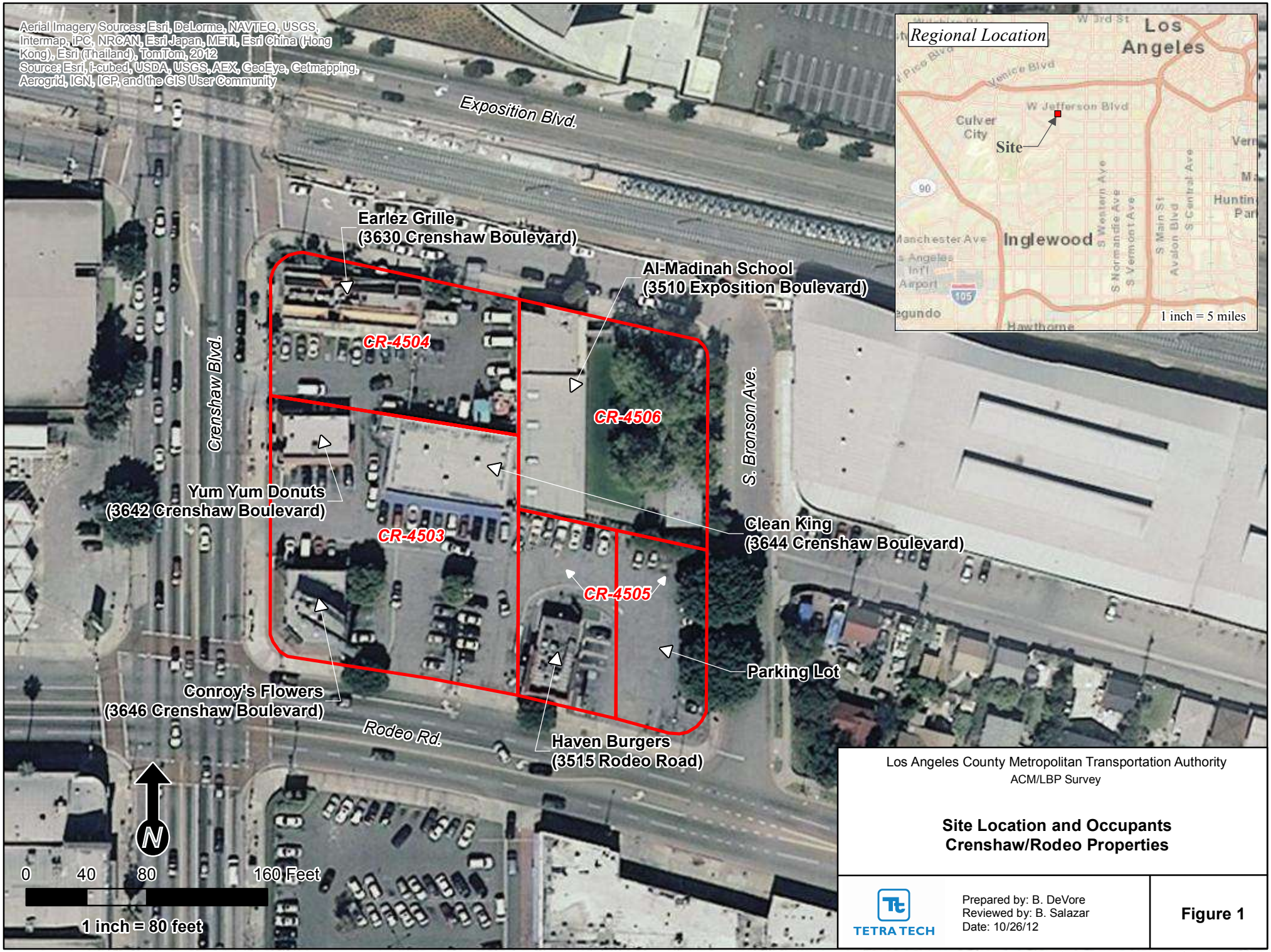
Tetra Tech Inc. (Tetra Tech), 2012. *Phase I Environmental Site Assessment (ESA)Report – Crenshaw Rodeo Properties, Los Angeles, CA*. Prepared for the Los Angeles County Metropolitan Transportation Authority. June 2012.

Tetra Tech, Inc. (Tetra Tech), 2012a. *Workplan for Phase II Environmental Site Assessment (ESA) – Crenshaw Rodeo Properties, Los Angeles, CA*. Prepared for the Los Angeles County Metropolitan Transportation Authority. October 2012.

Tetra Tech, Inc. (Tetra Tech), 2012b. *Site Health and Safety Plan for Phase II Environmental Site Assessment (ESA) – Crenshaw Rodeo Properties, Los Angeles, CA*. Prepared for the Los Angeles County Metropolitan Transportation Authority. October 2012.

U.S. Environmental Protection Agency (EPA), 2012. *Regional Screening Levels for Chemical Contaminants*. November 2012 available at http://www.epa.gov/region9/superfund//prg/index.html

Figures



Los Angeles County Metropolitan Transportation Authority
ACM/LBP Survey

Site Location and Occupants
Crenshaw/Rodeo Properties

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 10/26/12

Figure 1

File: 28793 Crenshaw_Rodeo\SiteLocation.mxd

Los Angeles County Metropolitan Transportation Authority

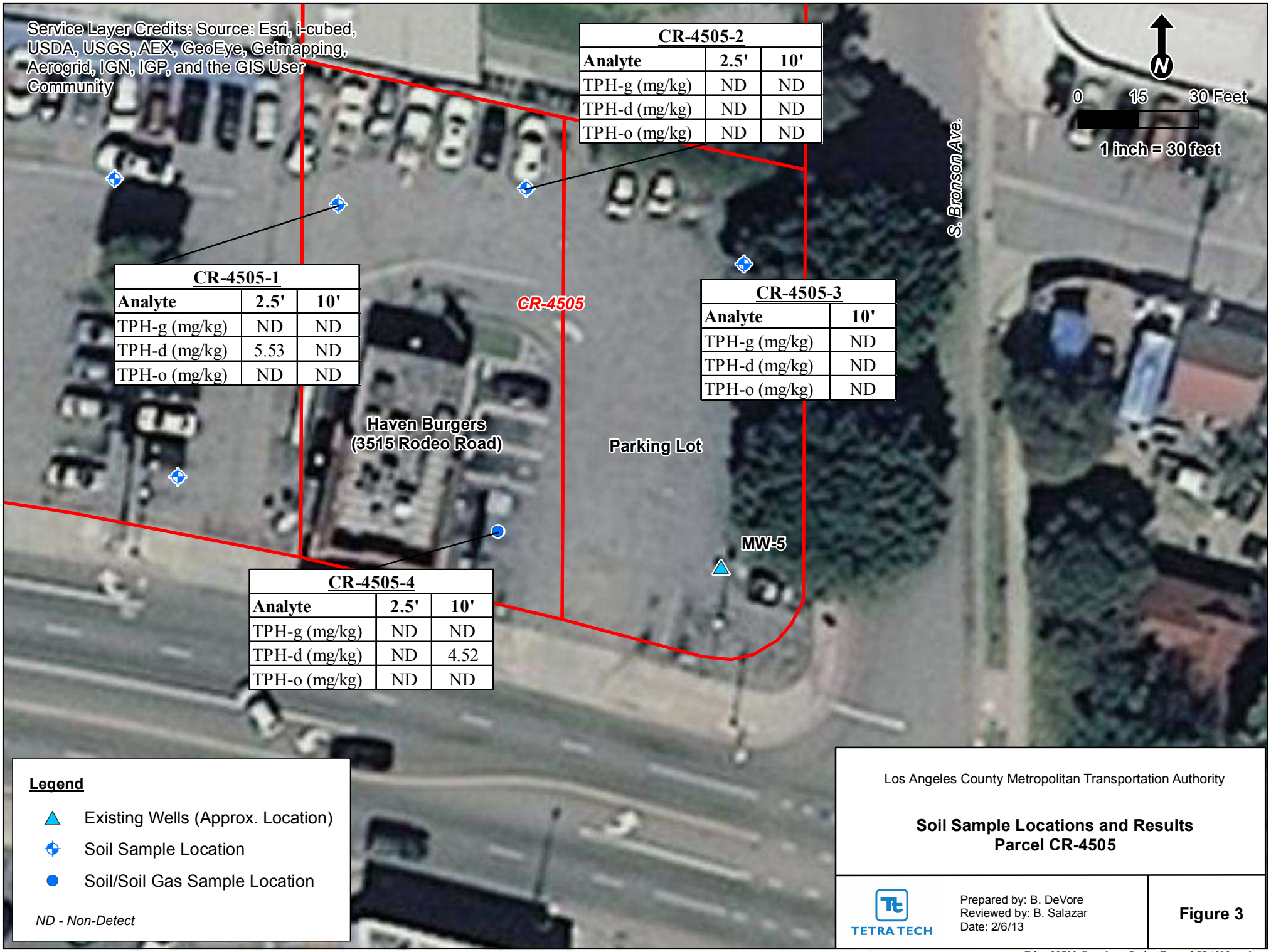
Soil Gas
Sample Location and Results
Parcel CR-4505

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 2/6/13

Figure 2

File: 28793 Crenshaw_Rodeo\Figure2CR4505.mxd



CR-4505-2		
Analyte	**2.5'**	**10'**
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	ND	ND
TPH-o (mg/kg)	ND	ND

CR-4505-1		
Analyte	**2.5'**	**10'**
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	5.53	ND
TPH-o (mg/kg)	ND	ND

CR-4505-3	
Analyte	**10'**
TPH-g (mg/kg)	ND
TPH-d (mg/kg)	ND
TPH-o (mg/kg)	ND

CR-4505-4		
Analyte	**2.5'**	**10'**
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	ND	4.52
TPH-o (mg/kg)	ND	ND

Legend

- Existing Wells (Approx. Location)
- Soil Sample Location
- Soil/Soil Gas Sample Location

ND - Non-Detect

Los Angeles County Metropolitan Transportation Authority

Soil Sample Locations and Results
Parcel CR-4505

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 2/6/13

Figure 3

File: 28793 Crenshaw_Rodeo\Figure3CR4505.mxd

Appendix A –Notifications, IDW Manifest, Borelogs

Salazar, Berwyn

From: noreply@digalert.org
Sent: Monday, December 10, 2012 11:58 AM
To: Salazar, Berwyn
Subject: USAS EMLCFM 2012/12/10 #00694A A23450695-00A NORM UPDT

EMLCFM 00694A USAS 12/10/12 11:57:41 A23450695-00A NORM UPDT GRID

Thank you for calling Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert. For your safety, please respect and protect the marks, and excavate carefully around the marked utility lines.

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY BACK TO THIS EMAIL.

Ticket : A23450695 Date: 12/10/12 Time: 11:55 Oper: LMC Chan: 100
Old Tkt: A23041203 Date: 10/30/12 Time: 17:58 Oper: LLF Revision: 00A

Company: MILLENIUM ENVIRONMENTAL Caller: BERWYN SALAZAR - TETRA TECH
Co Addr: 2936 E CORONADO ST
City&St: ANAHEIM, CA Zip: 92806
Phone: 818-445-7677 Ext: FIELD Call back: ANYTIME
Formn: BERWYN Phone: 626-470-2836 Ext: OFFIC
Email: BERWYN.SALAZAR@TETRATECH.COM

State: CA County: LOS ANGELES Place: LOS ANGELES
Delineated: N
Address: Street:CRENSHAW BLVD
X/ST 1 : RODEO RD
MPM 1: MPM 2:
Locat: 3630, 3642, 3644, 3646 CRENSHAW BLVD, CALLER STATES ADDRESSES ARE LOC
: BTWN RODEO RD AND EXPOSITION PL; 3515 RODEO RD, CALLER STATES ADDRESS IS
: LOC BTWN S BRONSON AVE AND CRENSHAW BLVD; 3510 EXPOSITION PL, X/ST S
: BRONSON AVE, ADDRESS LOC ON (MOST NORTHERLY) EXPOSITION PL, (CALLER
: STATES UNNAMED ST SHOWN ON TG MAP AT APPROX 222FT E/OF INTER/OF RODEO RD
: AND CRENSHAW BLVD DOES NOT EXIST ON SITE **AREA WILL BE DELINEATED
: TOMORROW MORNING 10/31 WITH WHITE PAINT**

Excav Enters Into St/Sidewalk: N

Grids: 0673E0124
Lat/Long : 34.022882/-118.335526 34.022520/-118.333215
: 34.021148/-118.335797 34.020786/-118.333486
Caller GPS:

Boring: Y Explosives: N Vacuum: N
Re-Mark: N

Work : SOIL AND SOIL GAS SAMPLING (16 SAMPLING LOCATIONS) FOR ENVIRONMENTAL INVESTIGA
Wkend: N Night: N
Work date: 12/10/12 Time: 11:57 Priority: 2
Instruct : WORK CONTINUING Permit: NOT REQUIRED
Done for : MTA

Tkt Exp: 01/07/13

COMMENTS

REF EXP TICKET A023041203, UPDATE ONLY-WORK CONT PER BERWYN SALIZAR--[LMC 12/10/12 11:57]

Mbrs :

ATTDSOUTH AT&T DISTRIBUTION - PHONE	SBC DAMAGE PREVENTION HO	510-645-2929
CITYLA C/OF LA-STREET LIGHTING	FRONT OFFICE STAFF	323-913-4744
LACMTALAX LACMTA LAX/CRENSHAW - ELEC	HANK SCHEETZ	323-903-4120
LAWP3 LADWP-JOINT LOC - W,E,FO	RICH NIXON	213-367-6343
SCG3Z2 SC GAS - CRENSHAW	DISPATCH	800-427-8894

Salazar, Berwyn

From: p1alc1m1@tlpd146.dadc.sbc.com
Sent: Monday, December 10, 2012 6:30 PM
To: Salazar, Berwyn
Subject: HIGH PRIORITY FACILITY FOUND

******** THIS EMAIL IS SYSTEM GENERATED. PLEASE DO NOT RESPOND TO THIS EMAIL ********

AT&T Distribution - Damage Prevention

*** CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE LOCATE NOTIFICATION ***

Ticket No : A23450695-00A
Ticket Address : CRENSHAW BLVD
Place : LOS ANGELES
Caller Name : MILLENIUM ENVIRONMENTAL
Caller Phone : 818-445-7677 Ext: FIELD
Contractor Name : MTA
Contractor Phone :
Membership Code : ATTDSOUTH
State One Call Law reference :
California ? Government Code 4216
- Title 8 Section 1541
Nevada - NAC 455.200 ? 455.450
- NRS 455.080 ? 455.180

This Locate Request is near an AT&T DISTRBUTION CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE that provides Switching, Routing and Transmission services to the surrounding area and around the world.

Damaging these Facilities could interrupt thousands of Services.

Before Digging in this area please take care to observe and ensure that AT&T Distribution (ATT/D) has:
? Been to the location site
? Located and Marked the facilities with ORANGE, (water base/chalked based) paint and or Flags
? Or has Cleared the area (No Conflict ? No ATT/D)

HAND DIGGING IS MANDATORY WITHIN THE STATUTORY TOLERANCE ZONE.
? AT&T Distribution requires written approval be given prior to any power operated equipment being used within the statutory tolerance zone of any AT&T facility.

Contact Information:

One Call Center: 8-1-1
Any questions pertaining to the One Call request should be directed to the state One Call
(For example: location requested, utilities in the area or notification processes)
Underground Service Alert of Northern California & Nevada (USA North)
Underground Service Alert of Southern California (USA South or Dig Alert)

AT&T Distribution Damage Prevention Hotline: 510 645-2929
If assistance is needed during an excavation involving AT&T Distribution facilities or locate issue

TETRA TECH BORING LOG

BORING ID NO *CR-4505-1*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 1" bgs. FILL MATERIAL to 2' bgs.
			0.0			CL	CLAY WITH SILT - very dark gray (2.5YR 3/0). Very fine grained sand, medium plasticity. 80% clay, 15% silt, 5% sand.
5			0.0			ML	SILT WITH SAND - light brown, very fine to fine grained sand.
10			0.0			CL	CLAY WITH SILT - very dark gray (10YR 3/1). Moist, very fine grained sand, medium plasticity.
15	▽		0.0			ML	SILT WITH SAND AND CLAY - dark grayish brown (10YR 4/2). Moist, very fine grained sand, low plasticity. 20% clay, 60% silt, 20% sand. Groundwater encountered at approximately 15.0'bgs. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4505-4*

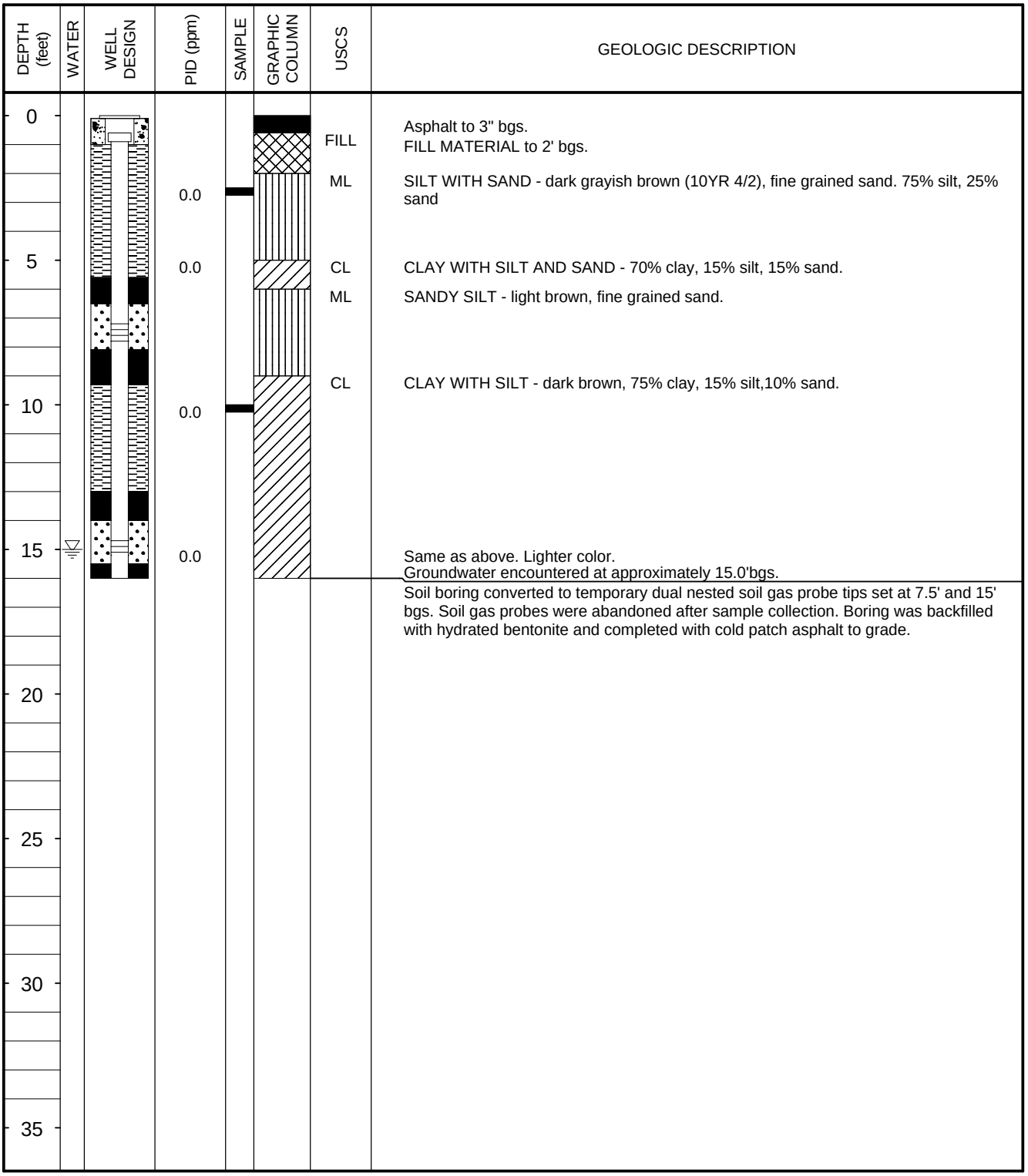
CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*



TETRA TECH BORING LOG

BORING ID NO *CR-4505-2*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 1" bgs. FILL MATERIAL to 2' bgs.
			0.0			CL	CLAY WITH SILT - very dark gray (2.5YR 3/0). Very fine grained sand, 80% clay, 15% silt, 5% sand.
5			0.0			ML	SILT WITH SAND - dark gray brown (10YR 4/2). Fine grained sand, low plasticity. 5% clay, 70% silt, 25% sand.
10			0.0			CL	CLAY WITH SILT - very dark gray (10YR 3/1). Moist, very fine grained sand, medium plasticity.
15	▽		0.0				Same as above. Lighter color. Groundwater encountered at approximately 15.0'bgs. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4505-3*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-12-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 1" bgs. FILL MATERIAL to 2' bgs.
			0.0			ML	SILT WITH SAND - dark grayish brown (10YR 4/2), very fine grained sand.
5			0.0				Same as above. light brown, very fine to fine grained sand, no odor.
10			0.0			CL	CLAY WITH SILT - very dark grayish brown, no odor. 80% clay, 15% silt, 5% sand.
						ML	SILT WITH SAND - olive brown (2.5YR 4/4). Moist, fine grained sand, no odor.
15	▽		0.0				Groundwater encountered at approximately 15.0'bgs.
							Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

KEY TO SYMBOLS

Symbol	Description
Strata symbols	
	Paving
	Fill
	Low plasticity clay
	Silt
Misc. Symbols	
	Water table during drilling
Soil Samplers	
	Environmental Sample
Monitor Well Details	
	flush-mount cover
	recessed cover set in concrete
	bentonite pellets
	bentonite slurry
	silica sand, blank PVC

Symbol	Description
	slotted pipe w/ sand

Notes:

1. Exploratory borings were drilled on 11-1-12, 12-11-12 and 12-12-12.

2. Borings were drilled using a Bobcat-Mounted 2-inch diameter direct push rig and a Truck-Mounted 2-inch diamter direct push rig.

3. These logs are subject to the limitations, conclusions, and recommendations in this report.

4. Results of tests conducted on samples recovered are reported on the logs.

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
/ /			A07		

Generator and/or Consultant

Generator's Name and Billing Address: L.A.C.M.T.A. ATTN: GWYNNETH DOYLE ONE GATEWAY PLAZA M: 99-17-2 LOS ANGELES, CA 90012	Generator's Phone #: 213-922-2447 Person to Contact: FAX#:	 Customer Account Number
Consultant's Name and Billing Address: BERWYN SALAZAR TETRA TECH 3475 E. FOOTHILL BLVD. PASADENA	Consultant's Phone #: Person to Contact: FAX#:	 Customer Account Number
Generation Site (Transport from): *(name & address)* MTA - CRENSHAW RODEO PROPERTIES CRENSHAW BLVD. AND RODEO RD. LOS ANGELES, CA	Site Phone #: Person to Contact: FAX#:	
Designated Facility (Transport to): *(name & address)* SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001 Person to Contact: DELLENA JEFFREY FAX#: (760) 246-8004	
Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 215229	Transporter's Phone #: 949-460-5200 Person to Contact: LARRY MOOTHART FAX#: 949-460-5210	CAR000183913 450647 Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑	2	Soil			
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑					

List any exception to items listed above: Scale Ticket #

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ❑ Consultant ❑	Signature and date:	Month	Day	Year
Gwynneth Doyle on behalf of L.A.C.M.T.A.	Gwynneth Doyle	01	25	13

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
LUIS NAVARRO		01	25	13

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	

Please print or type.

GENERATOR/CONSULTANTS COPY

Appendix B – Analytical Lab Reports

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

December 19, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1212102
Project Name: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on December 12, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12
Submitted: 12/12/12
PLS Report No.: 1212102

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Sample ID: CR-4505-4-2.5 Soil (1212102-01) Sampled:12/11/12 19:15 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
Surrogate: n-Tetracosane	*107 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/13/12*	*12/14/12*	*lk*	*BL21322*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Arsenic	**4.94**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Barium	**167**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Chromium	**21.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cobalt	**13.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Copper	**28.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Lead	**4.26**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Nickel	**16.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Vanadium	**57.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Zinc	**67.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	12/13/12	12/13/12	ds	BL21305

Sample ID: CR-4505-4-10 Soil (1212102-02) Sampled:12/11/12 19:25 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**4.52**		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
Surrogate: n-Tetracosane	*99.6 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/13/12*	*12/14/12*	*lk*	*BL21322*

Sample ID: CR-4505-2-2.5 Soil (1212102-03) Sampled:12/11/12 19:55 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
Surrogate: n-Tetracosane	*105 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/13/12*	*12/14/12*	*lk*	*BL21322*

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12
Submitted: 12/12/12
PLS Report No.: 1212102

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Sample ID: CR-4505-2-2.5 Soil (1212102-03) Sampled:12/11/12 19:55 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Arsenic	**3.19**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Barium	**179**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Chromium	**21.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cobalt	**12.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Copper	**33.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Lead	**8.16**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Nickel	**16.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Vanadium	**40.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Zinc	**69.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	12/13/12	12/13/12	ds	BL21305

Sample ID: CR-4505-2-10 Soil (1212102-04) Sampled:12/11/12 20:05 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*99.6 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
Surrogate: n-Tetracosane	*91.6 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/13/12*	*12/14/12*	*lk*	*BL21322*

Sample ID: CR-4505-1-2.5 Soil (1212102-05) Sampled:12/11/12 20:35 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*107 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**5.53**		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/13/12	12/15/12	lk	BL21322
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/15/12	lk	BL21322
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/15/12	lk	BL21322
Surrogate: n-Tetracosane	*100 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/13/12*	*12/15/12*	*lk*	*BL21322*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Arsenic	**4.06**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Barium	**164**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Chromium	**19.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cobalt	**12.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Copper	**29.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306

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(213) 745-5312 FAX (213) 745-6372

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Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12
Submitted: 12/12/12
PLS Report No.: 1212102

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Sample ID: CR-4505-1-2.5 Soil (1212102-05) Sampled:12/11/12 20:35 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep Method	Test Method	Prepared	Analyzed	By	Batch
Lead	**6.93**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Nickel	**16.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Vanadium	**39.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Zinc	**63.3**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306

Analyte	Results	Flag	D.F.	Units	PQL	Prep Method	Test Method	Prepared	Analyzed	By	Batch
Mercury	**0.190**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	12/13/12	12/13/12	ds	BL21305

Sample ID: CR-4505-1-10 Soil (1212102-06) Sampled:12/11/12 20:45 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep Method	Test Method	Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*

Analyte	Results	Flag	D.F.	Units	PQL	Prep Method	Test Method	Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/13/12	12/14/12	lk	BL21322
Surrogate: n-Tetracosane	*91.2 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/13/12*	*12/14/12*	*lk*	*BL21322*

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(213) 745-5312 FAX (213) 745-6372

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Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12
Submitted: 12/12/12
PLS Report No.: 1212102

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21310 - EPA 5030B										
Blank Prepared & Analyzed: 12/13/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0311*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 12/13/12										
Gasoline	0.795	0.500	mg/kg	0.9096		87.4	70-127			
Matrix Spike Source: 1212108-02 Prepared & Analyzed: 12/13/12										
Gasoline	1.19	0.500	mg/kg	1.819	ND	65.2	58-133			
Matrix Spike Dup Source: 1212108-02 Prepared & Analyzed: 12/13/12										
Gasoline	1.08	0.500	mg/kg	1.819	ND	59.3	58-133	9.50	30	
Batch BL21322 - EPA 3546										
Blank Prepared & Analyzed: 12/13/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*18.2*		mg/kg	*20.83*		*87.3*	*50-146*			
LCS Prepared & Analyzed: 12/13/12										
Diesel	604	5.00	mg/kg	554.7		109	59-146			
Surrogate: n-Tetracosane	*19.8*		mg/kg	*20.83*		*95.2*	*63-142*			
LCS Dup Prepared & Analyzed: 12/13/12										
Diesel	628	5.00	mg/kg	554.7		113	59-146	3.84	30	
Surrogate: n-Tetracosane	*19.3*		mg/kg	*20.83*		*92.6*	*63-142*			
Matrix Spike Source: 1212099-04 Prepared: 12/13/12 Analyzed: 12/14/12										
Diesel	138	4.00	mg/kg	110.9	ND	124	54-163			
Surrogate: n-Tetracosane	*24.5*		mg/kg	*20.83*		*118*	*50-146*			
Matrix Spike Dup Source: 1212099-04 Prepared: 12/13/12 Analyzed: 12/14/12										
Diesel	111	4.00	mg/kg	110.9	ND	100	54-163	21.1	30	
Surrogate: n-Tetracosane	*20.4*		mg/kg	*20.83*		*98.0*	*50-146*			
Batch BL21306 - EPA 3050B										
Blank Prepared & Analyzed: 12/13/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12
Submitted: 12/12/12
PLS Report No.: 1212102

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Antimony	43.3	2.50	mg/kg	49.75		87.0	60-140			
Arsenic	174	1.00	mg/kg	200.0		87.1	80-120			
Barium	203	1.00	mg/kg	199.2		102	80-120			
Beryllium	4.53	1.00	mg/kg	4.970		91.2	80-120			
Cadmium	4.92	1.00	mg/kg	5.040		97.7	80-120			
Chromium	20.0	1.00	mg/kg	19.94		100	80-120			
Cobalt	49.2	1.00	mg/kg	49.87		98.7	80-120			
Copper	25.4	1.00	mg/kg	24.82		103	80-120			
Lead	49.1	1.00	mg/kg	50.00		98.3	80-120			
Molybdenum	46.8	1.00	mg/kg	50.00		93.6	80-120			
Nickel	50.0	1.00	mg/kg	50.10		99.7	80-120			
Selenium	167	1.00	mg/kg	199.5		83.9	80-120			
Silver	4.93	1.00	mg/kg	4.990		98.8	80-120			
Thallium	190	1.00	mg/kg	200.5		94.7	80-120			
Vanadium	46.2	1.00	mg/kg	49.87		92.7	80-120			
Zinc	48.0	5.00	mg/kg	50.00		96.1	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.2	2.50	mg/kg	49.75	ND	68.7	60-140			
Arsenic	185	1.00	mg/kg	200.0	4.94	90.0	75-125			
Barium	355	1.00	mg/kg	199.2	167	94.3	75-125			
Beryllium	5.22	1.00	mg/kg	4.970	0.644	92.0	75-125			
Cadmium	4.80	1.00	mg/kg	5.040	0.213	91.0	75-125			
Chromium	39.5	1.00	mg/kg	19.94	21.6	89.4	75-125			
Cobalt	57.5	1.00	mg/kg	49.87	13.4	88.4	75-125			
Copper	52.8	1.00	mg/kg	24.82	28.0	99.8	75-125			
Lead	47.9	1.00	mg/kg	50.00	4.26	87.2	75-125			
Molybdenum	46.5	1.00	mg/kg	50.00	0.460	92.1	75-125			
Nickel	61.7	1.00	mg/kg	50.10	16.2	90.8	75-125			
Selenium	173	1.00	mg/kg	199.5	ND	86.7	75-125			
Silver	4.96	1.00	mg/kg	4.990	ND	99.5	75-125			
Thallium	177	1.00	mg/kg	200.5	ND	88.4	75-125			
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125			

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Pasadena, CA 91107

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File #:75048
Report Date: 12/19/12
Submitted: 12/12/12
PLS Report No.: 1212102

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Zinc	108	5.00	mg/kg	50.00	67.0	81.7	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.4	2.50	mg/kg	49.75	ND	69.2	60-140	0.620	30	
Arsenic	186	1.00	mg/kg	200.0	4.94	90.5	75-125	0.520	30	
Barium	356	1.00	mg/kg	199.2	167	95.1	75-125	0.823	30	
Beryllium	5.23	1.00	mg/kg	4.970	0.644	92.3	75-125	0.381	30	
Cadmium	4.85	1.00	mg/kg	5.040	0.213	91.9	75-125	0.961	30	
Chromium	40.4	1.00	mg/kg	19.94	21.6	93.9	75-125	4.97	30	
Cobalt	58.0	1.00	mg/kg	49.87	13.4	89.4	75-125	1.11	30	
Copper	52.4	1.00	mg/kg	24.82	28.0	98.4	75-125	1.47	30	
Lead	48.7	1.00	mg/kg	50.00	4.26	88.9	75-125	1.96	30	
Molybdenum	46.8	1.00	mg/kg	50.00	0.460	92.6	75-125	0.565	30	
Nickel	61.9	1.00	mg/kg	50.10	16.2	91.2	75-125	0.523	30	
Selenium	174	1.00	mg/kg	199.5	ND	87.5	75-125	0.896	30	
Silver	4.92	1.00	mg/kg	4.990	ND	98.6	75-125	0.845	30	
Thallium	178	1.00	mg/kg	200.5	ND	88.7	75-125	0.408	30	
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125	0.00733	30	
Zinc	108	5.00	mg/kg	50.00	67.0	82.7	75-125	1.22	30	
Batch BL21305 - EPA 7471A										
Blank Prepared & Analyzed: 12/13/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Mercury	0.795	0.100	mg/kg	0.8283		96.0	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.831	0.100	mg/kg	0.8283	0.0396	95.5	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.877	0.100	mg/kg	0.8283	0.0396	101	75-125	5.65	25	

Notes and Definitions

NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

74791

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 1 OF 2

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 12-1102

CLIENT NAME: TETRA TECH INC Project Name/No. CRENSHAW - RODEO MATA PHASE II EA P.O. NO. 100-PENT30168

AIRBILL NO: _____

COOLER TEMP: 2.5

ADDRESS: 3475 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: PHONE NO: FAX NO:

SAMPLER NAME: (Printed) (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) (N) = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, (P) = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

ANALYSES REQUESTED: TPH ci (C4-C44) | VOC (8260B/8021) | 17 METALS

REMARKS:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	TPH ci	VOC	17 METALS	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	1915	CR-4505 (B) 4-2.5		X			N	1	B	X		X	
2			1920	-5		X				1	P				HOLD
3			1925	-10		X				1	P	X			
4			1930	-15		X				1	P				HOLD
5			1955	CR-4505 (B) 2-2.5		X				1	G	X		X	
6			2000	-5		X				1	P				HOLD
7			2005	-10		X				1	P	X			
8			2010	-15		X				1	P				HOLD
9			2035	CR-4505 (D) 1-2.5		X				1	G	X		X	
10			2040	-5		X				1	P				HOLD

Relinquished By: (Signature and Printed Name) B. SALAZAR (TT) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 8:20

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 1232

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days
By _____ Date _____

LAB COPY

74792

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 2 OF 2

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 121202

CLIENT NAME: See P.1 | Project Name/No. | P.O. NO. | AIRBILL NO: _____

ADDRESS: | ANALYSES REQUESTED: | COOLER TEMP: 2.5°

PROJECT MANAGER: | PHONE NO: | FAX NO: | PRESERVED: _____

SAMPLER NAME: (Printed) (Signature) | REMARKS:

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	TPH CC (C4-C44)	VOC (8260B (502.2))	METALS	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	2045	CP-45 @ 1-10		X			N	1	P	X			
2			2050	" - 15		X				1	P				HOLD
3															
4															
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B. SHAZAR (LT) | Received By: (Signature and Printed Name) | Date: 12/12/12 | Time: 8:40

Relinquished By: (Signature and Printed Name) | Received By: (Signature and Printed Name) | Date: 12/12/12 | Time: 12:32

Relinquished By: (Signature and Printed Name) | Received By: (Signature and Printed Name) | Date: | Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:

1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

December 20, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1212116
Project Name: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on December 13, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12
Submitted: 12/13/12
PLS Report No.: 1212116

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Sample ID: CR-4505-3-2.5 Soil (1212116-01) Sampled:12/12/12 18:50 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Arsenic	**5.26**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Barium	**190**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Chromium	**23.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cobalt	**14.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Copper	**33.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Lead	**5.21**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Nickel	**18.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Vanadium	**60.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Zinc	**71.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	12/13/12	12/13/12	ds	BL21305

Sample ID: CR4505-3-10 Soil (1212116-02) Sampled:12/12/12 19:00 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21321
Surrogate: a,a,a-Trifluorotoluene	*102 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21321*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*71.1 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*

POSITIVE LAB SERVICE

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 10
Submitted: 12/13/12
PLS Report No.: 1212116

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21321 - EPA 5030B										
Blank Prepared & Analyzed: 12/13/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0312*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 12/13/12										
Gasoline	0.800	0.500	mg/kg	0.9096		88.0	70-127			
Matrix Spike Source: 1212104-05 Prepared & Analyzed: 12/13/12										
Gasoline	1.57	0.500	mg/kg	1.819	ND	86.4	58-133			
Matrix Spike Dup Source: 1212104-05 Prepared & Analyzed: 12/13/12										
Gasoline	1.65	0.500	mg/kg	1.819	ND	90.9	58-133	5.01	30	
Batch BL21820 - EPA 3546										
Blank Prepared: 12/14/12 Analyzed: 12/15/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*17.1*		mg/kg	*20.83*		*82.2*	*50-146*			
LCS Prepared: 12/14/12 Analyzed: 12/15/12										
Diesel	526	4.00	mg/kg	554.7		94.8	59-146			
Surrogate: n-Tetracosane	*15.2*		mg/kg	*20.83*		*72.9*	*63-142*			
LCS Dup Prepared: 12/14/12 Analyzed: 12/15/12										
Diesel	498	4.00	mg/kg	554.7		89.8	59-146	5.38	30	
Surrogate: n-Tetracosane	*15.0*		mg/kg	*20.83*		*71.8*	*63-142*			
Matrix Spike Source: 1212115-07 Prepared: 12/14/12 Analyzed: 12/16/12										
Diesel	98.1	4.00	mg/kg	110.9	2.52	86.2	54-163			
Surrogate: n-Tetracosane	*14.2*		mg/kg	*20.83*		*68.1*	*50-146*			
Matrix Spike Dup Source: 1212115-07 Prepared: 12/14/12 Analyzed: 12/16/12										
Diesel	112	4.00	mg/kg	110.9	2.52	98.7	54-163	13.5	30	
Surrogate: n-Tetracosane	*16.2*		mg/kg	*20.83*		*78.0*	*50-146*			
Batch BL21306 - EPA 3050B										
Blank Prepared & Analyzed: 12/13/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							

POSITIVE LAB SERVICE

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 10
Submitted: 12/13/12
PLS Report No.: 1212116

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Antimony	43.3	2.50	mg/kg	49.75		87.0	60-140			
Arsenic	174	1.00	mg/kg	200.0		87.1	80-120			
Barium	203	1.00	mg/kg	199.2		102	80-120			
Beryllium	4.53	1.00	mg/kg	4.970		91.2	80-120			
Cadmium	4.92	1.00	mg/kg	5.040		97.7	80-120			
Chromium	20.0	1.00	mg/kg	19.94		100	80-120			
Cobalt	49.2	1.00	mg/kg	49.87		98.7	80-120			
Copper	25.4	1.00	mg/kg	24.82		103	80-120			
Lead	49.1	1.00	mg/kg	50.00		98.3	80-120			
Molybdenum	46.8	1.00	mg/kg	50.00		93.6	80-120			
Nickel	50.0	1.00	mg/kg	50.10		99.7	80-120			
Selenium	167	1.00	mg/kg	199.5		83.9	80-120			
Silver	4.93	1.00	mg/kg	4.990		98.8	80-120			
Thallium	190	1.00	mg/kg	200.5		94.7	80-120			
Vanadium	46.2	1.00	mg/kg	49.87		92.7	80-120			
Zinc	48.0	5.00	mg/kg	50.00		96.1	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.2	2.50	mg/kg	49.75	ND	68.7	60-140			
Arsenic	185	1.00	mg/kg	200.0	4.94	90.0	75-125			
Barium	355	1.00	mg/kg	199.2	167	94.3	75-125			
Beryllium	5.22	1.00	mg/kg	4.970	0.644	92.0	75-125			
Cadmium	4.80	1.00	mg/kg	5.040	0.213	91.0	75-125			
Chromium	39.5	1.00	mg/kg	19.94	21.6	89.4	75-125			
Cobalt	57.5	1.00	mg/kg	49.87	13.4	88.4	75-125			
Copper	52.8	1.00	mg/kg	24.82	28.0	99.8	75-125			
Lead	47.9	1.00	mg/kg	50.00	4.26	87.2	75-125			
Molybdenum	46.5	1.00	mg/kg	50.00	0.460	92.1	75-125			
Nickel	61.7	1.00	mg/kg	50.10	16.2	90.8	75-125			
Selenium	173	1.00	mg/kg	199.5	ND	86.7	75-125			
Silver	4.96	1.00	mg/kg	4.990	ND	99.5	75-125			
Thallium	177	1.00	mg/kg	200.5	ND	88.4	75-125			
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 10
Submitted: 12/13/12
PLS Report No.: 1212116

Project: MTA Crenshaw - Rodeo Phase II ESA / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Zinc	108	5.00	mg/kg	50.00	67.0	81.7	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.4	2.50	mg/kg	49.75	ND	69.2	60-140	0.620	30	
Arsenic	186	1.00	mg/kg	200.0	4.94	90.5	75-125	0.520	30	
Barium	356	1.00	mg/kg	199.2	167	95.1	75-125	0.823	30	
Beryllium	5.23	1.00	mg/kg	4.970	0.644	92.3	75-125	0.381	30	
Cadmium	4.85	1.00	mg/kg	5.040	0.213	91.9	75-125	0.961	30	
Chromium	40.4	1.00	mg/kg	19.94	21.6	93.9	75-125	4.97	30	
Cobalt	58.0	1.00	mg/kg	49.87	13.4	89.4	75-125	1.11	30	
Copper	52.4	1.00	mg/kg	24.82	28.0	98.4	75-125	1.47	30	
Lead	48.7	1.00	mg/kg	50.00	4.26	88.9	75-125	1.96	30	
Molybdenum	46.8	1.00	mg/kg	50.00	0.460	92.6	75-125	0.565	30	
Nickel	61.9	1.00	mg/kg	50.10	16.2	91.2	75-125	0.523	30	
Selenium	174	1.00	mg/kg	199.5	ND	87.5	75-125	0.896	30	
Silver	4.92	1.00	mg/kg	4.990	ND	98.6	75-125	0.845	30	
Thallium	178	1.00	mg/kg	200.5	ND	88.7	75-125	0.408	30	
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125	0.00733	30	
Zinc	108	5.00	mg/kg	50.00	67.0	82.7	75-125	1.22	30	
Batch BL21305 - EPA 7471A										
Blank Prepared & Analyzed: 12/13/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Mercury	0.795	0.100	mg/kg	0.8283		96.0	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.831	0.100	mg/kg	0.8283	0.0396	95.5	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.877	0.100	mg/kg	0.8283	0.0396	101	75-125	5.65	25	

Notes and Definitions

NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/12/12 PAGE 1 OF 1
LOG BOOK NO. ______ FILE NO. ______ LAB NO. 1212116

CLIENT NAME: TETRA TECH INC. Project Name/No. MTA CRENSHAW RODEO PHASE II ESA P.O. NO. 103-PEN-T30169

AIRBILL NO: ______
COOLER TEMP: 2.4 °C
PRESERVED: ______
REMARKS:

ADDRESS: 3475 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ______

ANALYSES REQUESTED:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX WATER	MATRIX SOIL	MATRIX SLUDGE	MATRIX OTHER	TAT	CONTAINER #	CONTAINER TYPE	T22 METALS	VOC (8260B/5035)	TPH CC (C4-C44)						SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/12/12	1800	*CR-4503-3-2.5		X			N	1	G	X								*Per client change ID to CR-4505-3-2.5
2		↓	1855	↓ -5		↓			↓	1	P									Hold
3			1900*	-10						1	P			X						*Per client change ID to CR-4505-3-10
4		↓	1905	↓ -15		↓			↓	1	P									Hold
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name) B. SALAZAR — Received By: (Signature and Printed Name) [signature] — Date: 12/13/12 @ Time: 10:14am

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: — Time:

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: — Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: ______ days
By ______ Date ______

LAB COPY

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 1)

Laboratory Name:	Baseline Analytical Services
Address:	P.O. Box 2243 Huntington Beach, California 92647
Telephone/FAX:	(714) 273-2955 / (714) 840-1584
ELAP Certification Number:	2284 Expiration Date: January 31, 2014
Authorized Signature Name, Title (print)	Brian Kato, Laboratory Manager
Signature, Date	Brian K. Kato, 20 December 2012
Client Name:	Millennium Environmental, Inc.
Project Name:	Crenshaw & Rodeo (CR-4505)
Project Address:	NE corner Crenshaw/Rodeo, Los Angeles, California
Date(s) Sampled:	12/12/12
Date(s) Received:	12/12/12
Date(s) Reported:	12/12/12
Chain of Custody Received:	Yes
Comments:	Sample Matrix: Vapor

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 2)

Organic Analyses	Number of Samples	Number of Samples Subcontracted
VOC's (EPA 8260B)	3 Samples (including duplicates & blanks)	0

Sample Condition: good

Inorganic Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Microbiological Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Other Types of Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: µg/L

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
CLIENT SAMPLE I.D			**CR-4505-4 7.5'**	**CR-4505-4 15'**	**Equipment Blank**			**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium			Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330			EPA 5330
DILUTION FACTOR			1	1	1			1
ANALYTE	MDL	PQL						
Benzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Toluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Ethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Total Xylenes	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Methyl t-Butyl Ether (MTBE)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
t-Butanol (TBA)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
Di-Isopropyl Ether (DIPE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Ethyl t-Butyl Ether (ETBE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
t-Amyl Methyl Ether (TAME)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Ethanol	25	50	ND<25	ND<25	ND<25			ND<25
Acetone	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
2-Butanone (MEK)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
n-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
sec-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
tert-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Cyclohexane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Isopropyl Alchohol	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
Isopropylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
p-isopropyltoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
4-Methyl-9-pentanone (MIBK)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
Naphthalene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
n-Propylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Styrene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,4-Trimethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,3,5-Trimethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromoform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Carbon Tetrachloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
2-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
4-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Chlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor **REPORTING UNITS: µg/L**

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
CLIENT SAMPLE I.D			**CR-4505-4 7.5'**	**CR-4505-4 15'**	**Equipment Blank**			**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium			Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330			EPA 5330
DILUTION FACTOR			1	1	1			1
ANALYTE	MDL	PQL						
Chloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Chloroform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Chloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Dibromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dibromo-10-Chloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dibromoethane (EDB)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Dibromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,3-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,4-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Dichlorodifluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1-Dichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dichloroethane (EDC)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
cis-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
trans-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,3-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
2,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
cis-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
trans-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Freon 113	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Hexachlorobutadiene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Methylene Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Tetrachloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,1,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,2,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,3-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,4-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,1-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,2-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Trichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Trichlorofluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,3-Trichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Vinyl Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
IPA (tracer ANALYTE)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

QA/QC Report - Vapor Samples

II. Lab Control Sample (LCS)/Lab Control Sample Duplicate (LCSD)

Date Performed: 12/12/12
Batch #: GCVOC1-12DEC2012 Analytical Method: 8260B
Instrument ID: GCVOC1 Units: ug/L

Analyte	Sample Result	Spike Conc.	LCS	%LCS	Spike Conc.	LCSD	%LCSD	RPD	LCS/LCSD Limit	RPD Limit
1,1-Dichloroethene	ND	10	9.3	93	10	9.0	90	3	65-130	0-15
Benzene	ND	10	9.4	94	10	8.8	88	7	65-130	0-15
Trichloroethene	ND	10	9.1	91	10	9.2	92	1	65-130	0-15
Toluene	ND	10	9.8	98	10	9.5	95	3	65-130	0-15
Chlorobenzene	ND	10	9.9	99	10	9.7	97	2	65-130	0-15

ATTACHMENT:

(1) Results in Units of Parts Per Million by Volume (PPMv)

(2) Chain-of-Custody (C-O-C)

(3) Field Notes

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
CLIENT SAMPLE I.D			**CR-4505-4 7.5'**	**CR-4505-4 15'**	**Equipment Blank**			**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium			Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330			EPA 5330
DILUTION FACTOR			1	1	1			1
ANALYTE	MDL	PQL						
Benzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Toluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Ethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Total Xylenes	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Methyl t-Butyl Ether (MTBE)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
t-Butanol (TBA)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Di-Isopropyl Ether (DIPE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10			ND<0.10
Ethyl t-Butyl Ether (ETBE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10			ND<0.10
t-Amyl Methyl Ether (TAME)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10			ND<0.10
Ethanol	5.0	10	ND<5.0	ND<5.0	ND<5.0			ND<5.0
Acetone	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
2-Butanone (MEK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
n-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
sec-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
tert-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Cyclohexane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Isopropyl Alchohol	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Isopropylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
p-isopropyltoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
4-Methyl-9-pentanone (MIBK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Naphthalene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
n-Propylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Styrene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,4-Trimethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,3,5-Trimethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromoform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Carbon Tetrachloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
2-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
4-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Chlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
CLIENT SAMPLE I.D			**CR-4505-4 7.5'**	**CR-4505-4 15'**	**Equipment Blank**			**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium			Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330			EPA 5330
DILUTION FACTOR			1	1	1			1
ANALYTE	MDL	PQL						
Chloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Chloroform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Chloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Dibromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dibromo-10-Chloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dibromoethane (EDB)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Dibromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,3-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,4-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Dichlorodifluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1-Dichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dichloroethane (EDC)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
cis-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
trans-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,3-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
2,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
cis-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
trans-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Freon 113	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Hexachlorobutadiene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Methylene Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Tetrachloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,1,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,2,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,3-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,4-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,1-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,2-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Trichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Trichlorofluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,3-Trichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Vinyl Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
IPA (tracer ANALYTE)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Millennium Environmental, Inc.	Project Name: Crenshaw & Rodeo
2936 East Coronado Street	Project Address: NE corner Crenshaw/Rodeo
Anaheim, California 92806	Los Angeles, CA
ph 714.238.1122; fax 714.238.1166	Project Number: ---
Contact: Mindy Rigney	

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Laboratory Project #: **12549-3**

Sample ID	Date	Time	Lab ID	Soil (S), Water (W), Vapor (V)	Analysis: VOC's (8260B)	Number of Containers	Comments
Equipment Blank	12-Dec-12	1700	1	V	X	2	Flowrate: 200 ml/min
CR-4505-4-7.5'	12-Dec-12	1730	2	V	X	2	
CR-4505-4-15'	12-Dec-12	1755	3	V	X	2	

Turnaround Time: On-Site Mobile Laboratory; samples were reliquished at the date(s)/times shown above.

Sample Condition: Chilled? Y / N Sealed? Y / N Comments:

Sampled & Analyzed by: Date/times above

signature: x Brian K. Cato

of Baseline Analytical Services

Special Instructions/Comments:

Leak Detection Compound: IPA

BASELINE ON-SITE ANALYSIS™

P. O. Box 2243
Huntington Beach, California 92647

Phone: (888) 753-7553
FAX: (714) 840-1584

Soil Gas Survey Field Notes: 12 December 2012

Client Information	*Project Information*		*Baseline Analytical Information*	
Millennium Environmental, Inc.	Project Name	Crenshaw & Rodeo	Analyst Name	Brian Kato
2936 East Coronado Street	Project Address	NE cnr Crenshaw/Rodeo	Telephone Number	
Anaheim, California		Los Angeles, CA		714.273.2955
ph 714.238.1122; fax 714.238.1166	Start Time:	12/12/12, 1700	E-mail Address:	BrianKato@MSN.com
Report to: Mindy Rigney				

(1) Site Conditions: At 1700, the outside temperature is 58 deg F; overcast skies

(2) Vapor Well Construction:

A probe tip is set in a sand pack with Teflon tubing leading to the surface.
The tubing ends are capped and are protected by a steel plate cover.

Sand Pack Specifications:

		Converts to: (cm)
Diameter: 2.25	inches	5.715
Height: 1	feet	30.48
Material: Sand		

Tubing Specifications:

		Converts to: (cm)
Outer Diameter 0.25	inches	0.635
Inner Diameter: 0.17	inches	0.432
Lengths: 7.5', 15'		
Material: Teflon		

(3) Purge Volume & Time Calculation

Component	Diameter	X-Sect Area	Length or Height	Length or Height	Volume	Sand Pack times 0.30 porosity Volume	Tubing Purge Volumes (ml) 1 pv	(ml) 3 pv	(ml) 10 pv
	(cm)	(cm^2)	(feet)	(cm)	(ml)	(ml)			
Tubing (7.5' bgs)	0.432	0.146	7.5	229	33.5	---	33	100	335
Tubing (15' bgs)	0.432	0.146	15	457	67.0	---	67	201	670
Sand Pack	5.72	25.65	1	30.5	782	235	235	704	2346
						Flow rate (ml/min):	200	200	200
						7.5' BGS: Purge Time (minutes):	1.34	4.02	13.40
						15' BGS: Purge Time (minutes):	1.51	4.52	15.08

Purge Time Calculation:

Total PV = Sand Pack Volume + Tubing Volume

Purge Time = (Total PV)/Flowrate

Purge Volume Test was previously conducted: *Remove 10 purge volumes prior to each sample collection.*

(4) Pump Specifications

Pump Model: AIRCHEK SAMPLER
Vender: SKC, Inc.
Model Number: 224-PCXR4

Description: A portable battery-powered pump with an adjustable flow-rate and a built-in flow indicator, meter, & timer. The flow was set for a fixed rate of 200ml/min.

Comments/Observations/Special Instructions:

On-site: for TetraTech, Inc., Mr. Berwyn Salazar is the site supervisor and Health & Safety Officer. Millennium set the probes on the previous night (12/11/12); the rig is on-site for soil sample collection & vapor probe abandonment. Work is to be conducted from 5:00-11:00PM; the samples adjacent to Earlez Grille must be collected after 9:00 PM. Mr. Salazar requests that concentration values be reported for cyclohexane.

Sampled and Analyzed by

signature: X Brian K Kato

BASELINE ON-SITE ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Phone: (888) 753-7553
FAX: (714) 840-1584

Appendix C – Photos

Direct Push drilling – soil sampling

Soil gas sampling

Sampling locations that were abandoned and capped with cold patch asphalt

Phase II Environmental Site Assessment (ESA) Report
Parcel Number – CR-4503
3642 to 3646 Crenshaw Boulevard
Los Angeles, CA 90016

LACMTA Contract Number - PS136510023

Prepared for:

Los Angeles County Metropolitan Transportation Authority (LACMTA)
One Gateway Plaza
Los Angeles, CA 90012

Prepared by:

TETRA TECH

3475 E. Foothill Blvd.
Pasadena, California 91107-6024

February 2013

TETRA TECH

February 6, 2013

Ms. Carol Chiodo
Manager
Real Estate Services
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, MS 99-18-4
Los Angeles, CA 90012-2952

Subject: **Phase II Environmental Site Assessment**
Crenshaw/Rodeo Properties
Parcel Number CR-4503
3642, 3644 and 3646 Crenshaw Boulevard, Los Angeles, California 90018
LACMTA Contract No. PS136510023

Dear Ms. Chiodo:

Tetra Tech, Inc. is pleased to submit this Phase II Environmental Site Assessment (ESA) report to the L.A. County Metropolitan Transportation Authority for the above-referenced property (the Site).

The results of the soil, soil gas and groundwater investigation that was conducted at the Site as per the approved work plan showed that the former use of the Site as a gasoline service station have adversely impacted the Site. Tetra Tech recommends further investigation to delineate the extent of the contamination found onsite.

We appreciate the opportunity to provide you with this service. Should you have any questions or comments regarding this report or our findings, please contact us at your convenience.

Sincerely,

TETRA TECH, INC.

Berwyn Salazar, REA
Project Manager/Engineer
Phone: 626-470-2836

Clifford R. Pollock, C.Hg., PE
Project Geologist
Phone: 626-470-2455

DISCLAIMER

This Phase II ESA Report for Soil, Groundwater, and Soil Gas Investigation (Report) is prepared for the sole use and benefit of the Los Angeles County Metropolitan Transportation Authority (Client) and for the specific Site known as CR-4503 (3642 to 3646 Crenshaw Boulevard, Los Angeles, California). **Neither this Report nor any of the information contained therein shall be used or relied upon for any purpose by any person or entity other than the Client.**

This Report was prepared based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain, and partially on the information Tetra Tech obtained during the Phase II ESA process. Documentation for the statements made in the Report is on file at Tetra Tech's Pasadena, California, office. Tetra Tech makes no warranty as to the accuracy of statements made by others which are contained in this Report, nor are any other warranties or guarantees, expressed or implied, included or intended in the Report with respect to information supplied by outside sources or conclusions or recommendations substantially based on information supplied by outside sources. This Report has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for this Report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards, which could possibly cause accidents, injuries, or damage unless those hazards were apparent, and should have been discovered, as a result of the services Tetra Tech performed for the Client. This Report represents the best professional judgment of Tetra Tech; however, compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of the Client's obligations under local, state, or federal laws, or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

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1. INTRODUCTION

Tetra Tech, Inc. was authorized by the Los Angeles County Metropolitan Transportation Authority (LACMTA), on October 30, 2012 under contract number PS136510023, to conduct a Phase II Environmental Site Assessment (ESA) of the properties referenced as the Crenshaw/Rodeo Properties (CRP), Parcel Numbers CR-4503, CR-4504, CR-4505 and CR-4506 located at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California. On behalf of the LACMTA, Tetra Tech has prepared this Phase II ESA report for parcel CR-4503 based on data gathered during onsite investigation that was performed as per the work plan that was approved by LACMTA prior to site mobilization. The general location of the Site is shown on Figure 1.

The sampling locations shown in Figures 2 and 3 were sampled by Tetra Tech based on the results of the Phase I ESA that was conducted on the CRP as reported in the Phase I ESA Report dated June 12, 2012. In the Phase I ESA report, Tetra Tech identified several recognized environmental conditions (RECs) on the CRP and several potential environmental concerns (PECs) on adjacent properties that warranted further site investigation. The RECs included: 1) a gasoline service station located in the western (and later southwestern) portions of the CRP from approximately 1947 to 1981; 2) an automotive repair garage in the northeast portion of the CRP in the late 1940's; and 3) a carwash in the southeast portion of the CRP in the 1960's. The PECs included: 1) Shell Oil Company gasoline service station located off-Site across Crenshaw Boulevard; and 2) a dry cleaner (Cameo Cleaners) located to the southeast across Rodeo Road. The purpose of the Phase II ESA is to determine if the RECs and PECs have adversely impacted the CRP.

The scope of work performed on Parcel CR-4503 consisted of advancing 5 Geoprobe® boring locations; installation of soil gas probes; the collection of soil and soil gas samples; and grab sampling of groundwater using Hydropunch® methodology for the purpose of conducting a Phase II ESA. Collected samples from the Phase II ESA activities were transported to Positive Lab Service (PLS), a certified laboratory for analysis using applicable U.S. Environmental Protection Agency (EPA) Methods with the exception of soil gas samples that were analyzed onsite by a mobile laboratory from Baseline Analytical Services.

This Phase II ESA Report was prepared based on results of the investigation and Tetra Tech's interpretation of such results as well as information obtained from various communications with LACMTA representatives throughout the project duration.

2. PROJECT BACKGROUND

Site Description

The Site is located on the parcels of land bounded on the north by Exposition Boulevard, on the east by South Bronson Avenue, on the south by Rodeo Road, and on the west by Crenshaw Boulevard in Los Angeles, California. According to information on file at the Los Angeles County Assessor's office, the property with the LACMTA designation of CR-4503 (referred to as the Site from this point forward) is listed under Assessor's Parcel Number (APN) 5044-002-006 and is currently owned by Soleiman Ghalili and Louise Ghalili.

The Site is occupied by Yum Yum Donuts (3642 Crenshaw Boulevard), Clean King (3644 Crenshaw Boulevard), and Conroy's Flowers (3646 Crenshaw Boulevard). The building occupied by Yum Yum Donuts is approximately 1,161 square feet in size and was constructed in 1981. Yum Yum Donuts consisted of an ordering/seating area, cooking/preparation area, storage area, office, and dish/equipment washing area. The building occupied by Clean King is approximately 4,000 square feet in size and was constructed in 1981. Clean King is a coin laundry facility. The laundry facility consisted of a customer washing/drying area, a change room for the storage of coins collected from customers, and two areas with water heater/dryer equipment. The building occupied by Conroy's Flowers is approximately 1,824 square feet in size and was constructed in 1981. Conroy's Flowers is a flower shop. The store consisted of a sales floor, refrigerated flower storage area, an office/sales area with associated storage room and a mezzanine storage area.

One monitoring well housing covers was observed at the Site east of Conroy's Flowers building that is connected to the groundwater monitoring being performed for Cameo Cleaners located adjacent to the southeast of the Site. The remainder of the Site outside the Site buildings is improved with asphalt-paved parking, concrete walkways, and landscaping. No areas of stressed vegetation were observed. No areas of surficial staining were observed except for minor oily-appearing staining from parked vehicles.

Historical Land Usage

According to the historical records reviewed, the Site was undeveloped or vacant from at least 1900 to at least 1947. A gasoline service station was located on-Site from approximately 1947 to 1981 (additional information below). The buildings occupied by Conroy's Flowers, Yum Yum Donuts, and Clean King were constructed in 1981. The existing Site buildings have been used by either the same tenants since construction or have been used for similar purposes as the current uses since construction.

A gasoline service station was located in the western portion of the Crenshaw Rodeo properties (Parcels 5044-002-006 and -007) from at least 1948 to at least 1965, and relocated to the Site (Parcel 5044-002-006) with a different building and configuration by at least 1969 until 1981. Los Angeles Department of Building and Safety (LADBS) records for 3644 Crenshaw Boulevard indicate that a certificate of occupancy for an auto fueling station was issued in 1948. According to Los Angeles Fire Department (LAFD) records, two 4,000-gallon atmospheric tanks were removed in 1966 and four atmospheric tanks including two 9,940-gallon underground storage tanks (USTs), one 280-gallon UST and one 8,000-gallon UST were relocated, and three

atmospheric tanks including two 4,000-gallon USTs and one 1,000-gallon waste oil UST were removed 1968. A LAFD permit for the operation of an auto fueling station under the name Mons Gulf Service at 3644 Crenshaw Boulevard was issued in July 1973. Two 10,000-gallon USTs and one 8,000-gallon UST were removed from the Site in March 1981. It is unknown when/if the 280-gallon UST that was apparently also present at this facility was removed. There was no record of formal closure of the USTs by the LAFD (e.g., UST removal report including sampling and analysis of soil samples). No closure letters or no further action letters were found in the LAFD records reviewed with respect to removal of the USTs.

Historical uses of the Site include a gasoline service station from 1948 to 1981, is considered to be a recognized environmental condition (REC) to the Site. The gasoline service station was formerly located on the Site (current addresses of 3630, 3642, and 3646 Crenshaw Boulevard).

Phase I ESA Summary

Tetra Tech performed a Phase I ESA consistent with the scope and limitations of ASTM Standard Practice E1527-05 on the Site and submitted a Phase I ESA report dated June 12, 2012. The Phase I ESA assessment revealed no evidence of recognized environmental conditions in connection with the Site except for the following:

- Historical uses of the Site including a gasoline service station from 1948 to 1981, is considered to be a REC to the Site.
- No historical recognized environmental conditions (HRECs) or business environmental risks (BERs) have been found in connection with the Site.
- The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site.
- The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site.

The Phase I ESA also reported that the Shell station and Cameo Cleaners are hazardous waste release sites, the former for petroleum fuel hydrocarbons and the latter for chlorinated solvents (specifically tetrachloroethene, PCE). The on-site gasoline service station included repair bays and dispensed various grades of gasoline. In addition, waste oils were stored at the station in waste oil underground storage tanks (USTs). At least seven USTs (five for gasoline products and two for waste oils) were installed on various Site properties and later removed without sampling and without formal closure of the USTs by the Los Angeles Fire Department (LAFD). LAFD closure typically required submittal of a UST removal report with analytical soil sampling results. Based on our review, it is possible that one UST may still be present at the Site.

One onsite groundwater monitoring wells, MW-8 is located at the Site (as shown in Figures 2 and 3). It was constructed with 25 feet of casing and at least 10 feet of well screen starting at 10 feet below ground surface. The groundwater flow direction appears to be to the northwest, based on our review of the water table contour map in a December 2010 groundwater monitoring report for December 2010 prepared by Bowyer Environmental Consultants, dated February 2, 2011.

In addition to the Bowyer Environmental Consultants groundwater monitoring report, Tetra Tech reviewed URS's second quarter 2011 groundwater monitoring report, submitted to Shell Oil Products in July 15, 2011. The URS report indicated that monitoring well MW-4, located west of the Site on Crenshaw Boulevard was found to contain elevated concentrations of BTEX and TPH-gasoline. The same report shows that the groundwater flow direction appears to be to the southeast, as shown in Figures 2 and 3 of the said URS report.

The Phase I ESA report recommended the following:

- A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered as an REC, and adjacent properties considered as a PECs to the Site, have adversely impacted the Site. The investigation should include the Site and all adjacent parcels (CR-4505, CR-4504, and CR-4506).
- During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

Based on the above recommendations, LACMTA has authorized Tetra Tech to perform this Phase II ESA at the Site.

3. FIELD INVESTIGATION

The Scope of Work for the Phase II ESA at the Site included advancement and sampling (soil and grab groundwater) of 5 Geoprobe® direct push soil borings, completion of one boring as nested vapor probes, soil gas sampling from the nested vapor probes, analytical testing, data interpretation, and report preparation to document the work and provide results. The sampling locations are shown in Figures 2 and 3. The sampling locations have been selected to be in and around the identified onsite PECs and REC's identified in the Phase I ESA report. Tetra Tech obtained a Dig Alert number for the Site prior to drilling (Notification number #A23450695) and drilling permits for the Hydropunch locations were obtained after the site investigation was completed. A copy of the Hydropunch permit and the Dig Alert Notification is included in Appendix A. Tetra Tech subcontractor, Pacific Coast Locators (PCL) performed underground utility clearance at each boring location prior to drilling. PCL used a magnetometer and GPR in an attempt to locate any existing USTs and the most probable locations of the removed USTs within the Site. Some of the sampling locations were moved based on the results of the geophysical survey and varied slightly from what was proposed in the approved work plan for the project.

Work Plan and Health and Safety Plan

The Phase II ESA work plan was prepared to describe the specifics of the field investigation, analytical testing program, and data interpretation criteria. The work plan included a field sampling plan that describes each sampling location, what sample(s) will be collected, what chemicals they will be analyzed for, and the justification for collecting each sample and sample type. LACMTA approved the Phase II ESA Work Plan which was prepared for all parcels within the Crenshaw Rodeo Properties prior to mobilization.

A health and safety plan (HASP) was also prepared prior to site mobilization. The health and safety plan discussed potential chemicals of concern, physical and biological job hazards associated with the proposed investigation; field monitoring equipment; action limits; personal protective equipment (PPE); work zone delineation and decontamination; emergency plan and hospital direction; medical surveillance; and tailgate safety meetings. The HASP provided details on health and safety procedures that will be followed to ensure a safe work environment. The HASP was made available at all times during the field operations. All Tetra Tech personnel and subcontractors assigned to the project complied with the requirements of the HASP. LACMTA approved the HASP which was prepared for all parcels within the Crenshaw Rodeo Properties prior to mobilization.

Field Preparation and Geophysical Clearance

Field preparation and geophysical utility clearance included: 1) notifying Underground Service Alert (USA) Dig Alert and securing a Dig Alert number for the Site (#A23450695); 2) conducting a surface geophysical survey of the western portion of the Site in an attempt to identify the former UST areas; and 3) for all boring locations, "clearing" (i.e., attempting to identify buried utilities and other subsurface obstructions within a 5-foot by 5-foot area around each boring) each boring using several types of surface geophysical instruments including

magnetometers, electromagnetic conductance meters, and ground penetrating radar (GPR) to identify any subsurface utilities and anomalies.

The proposed boring locations were clearly marked with white paint. Underground Services Alert (USA) was notified of the intent to conduct subsurface investigation. USA contacted all utility owners of record within the Site vicinity and notified them of the intention to conduct subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface in the public right-of-way adjoining the Sites. Several of the utility owners or their representatives contacted the Tetra Tech Project Manager and informed him of potential conflicts and reminders. Dig Alert usually identifies all buried utilities in public and accessible areas, but not on properties. Since the Site is mostly open to the public and used as parking areas the representative of notified utility companies marked the location of their lines within the Site limits. A private geophysical surveying firm (PCL) was retained by Tetra Tech to perform geophysical surveys prior to start of drilling operations. After the utility clearance was completed, the drillers initiated their drilling activities.

PCL also used a magnetometer and GPR to locate potential buried underground storage tanks (USTs) since the Phase I ESA report indicated that there were USTs onsite that were not documented as removed. The subsurface investigation did not find any buried UST but only identified an area of disturbed subgrade soil in the drive way between Yum Yum Donuts building and Conroy's Flowers building. The location was marked in white paint and a photo is included in Appendix C.

Supplemental subsurface investigation was also performed by PCL on location CR-4503-1 after a refusal was encountered at approximately 1feet bgs. This sampling location is located in the alley between Yum Yum Donuts building and the Clean King Laundry building. The supplemental GPR survey indicated the presence of a large subgrade structure that could potentially be a concrete slab.

Drilling, Soil and Grab Groundwater Sampling, and Nested Vapor Probe Installation

On December 11 and 12, 2012, a truck mounted Geoprobe® drilling rig equipped for direct push drilling from Millennium Environmental was used to advance each soil boring, after it is cleared to 2.5 feet bgs using hand augers. The drilling method involves advancement of small-diameter (2.25-inch) steel drive casing and retrieval of continuous core inside a clear acetate tube. Soil samples were collected for analytical testing at discrete sampling intervals to groundwater, which was encountered at approximately 15 feet bgs. Borings that were not to be completed as vapor probes were properly abandoned after sampling, using hydrolyzed bentonite and capped properly with cold patch asphalt to match the existing site condition.

Soil sample identification was standardized such that the first six characters (CR-4503) indicated the property where the sample was collected. Following the second dash is the chronological boring number. Finally, the depth at which the sample was collected follows the third dash. Hence, Sample ID **CR-4503-2-2.5** was collected from boring number 2, and at a depth of 2.5 feet

below grade surface (bgs). Note that boring numbers were pre-assigned and do not necessarily reflect the order in which the borings were drilled.

One of the borings was advanced into groundwater (soil sampling location CR-4503-3) and a grab groundwater sample (CR-4503-HP1) was retrieved using a Hydropunch® sampler since the field conditions showed the potential groundwater contamination (elevated PID readings, and strong fuel odor in the capillary fringe sample).

All sampling locations are shown in Figure 2. No sample was collected at CR-4503-1 due to a refusal at approximately 1feet bgs as discussed above in the Geophysical Clearance section. An alternative location was not drilled since the field project manager deemed that it was not safe to do so due to the presence of subgrade utility lines (water, sewer, electrical, and gas) as marked by Dig Alert notified parties.

To minimize impact of the field investigation activities, LACMTA entered into an agreement with the property owners that the field team was only allowed to be onsite from 5 to 11PM.

The soil analytical testing program included full-range total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and Title 22 metals (shallow samples only) using appropriate U.S. Environmental Protection Agency (EPA) test methods. These include EPA Method 8015(B)(Modified) for TPH (carbon chain – C_4-C_{44}) for gasoline-, diesel-, and oil-range hydrocarbons; EPA Method 8260B for VOCs; and EPA Method 6010B and EPA Method 7471A for Title 22 metals. The groundwater analytical testing program included full-range TPH (carbon chain C_4-C_{44}) by EPA Method 8015(B)(Modified) and VOCs including oxygenates by EPA Method 8260B.

After soil sampling was completed, one of the borings was completed as nested soil gas probes with probe tip depths of 7.5 and 15 feet bgs. Temporary soil gas vapor probes and Nylaflow tubing were used, and the nested soil gas probes were properly abandoned after soil gas sample collection. All soil gas sampling locations were capped with cold patch asphalt to match the existing/surrounding pavement.

Site lithology was logged and reported in the boring logs that are included in Appendix A. The boring logs also include the depth of the samples collected and the well diagram for the Hydropunch and nested soil gas probes. The boring logs also show the approximate depth where groundwater was encountered (approximately 15 feet bgs).

All soil and groundwater samples were sent to Positive Lab Service, a laboratory accredited under the California Department of Health Environmental Laboratory Accreditation Program (ELAP) under certificate numbers 1131 and 2534 for analytical methods required by the Phase II ESA.

All investigation derived wastes (IDW) were managed and disposed of according to federal, state, and local regulations. A DOT-approved 55gallon drum was used to contain IDW wastes and was temporarily stored at the adjacent parcel CR-4504 parking area while processing the related disposal documentations. All IDW drums left onsite were properly labeled and locked.

All drums containing IDW was hauled off as non-hazardous waste by Belshire Environmental Services, Inc. to Soil Safe of California in Adelanto,CA for thermal desorption. The lab results for the soil samples were used as the profile samples that determined its nature as non-hazardous. A copy of the non-hazardous manifest used to haul off the IDW drums is included in Appendix A. A certificate of recycling will be provided by Soil Safe and will be transmitted to LACMTA by Tetra Tech upon receipt.

Soil Gas Survey

Soil gas survey was performed using temporary nested vapor probes installed in one of the Geoprobe® borings (soil sampling location CR-4503-2). The soil gas survey conformed to the guidelines in California Department of Toxic Substances Control (DTSC) Advisory for Active Soil Gas Surveys, dated April 2012 [DTSC, 2012].

The rods were pushed down from the ground surface using a hydraulic hammer to the maximum sample depth of 15 feet bgs. A gas-permeable filter (aquarium bubbler) connected to 1/8-inch diameter Nylaflow tubing was lowered to just above the bottom through the inside of the drive rods and backfilled (gravity fed) with approximately 1 foot of Monterey Sand filter pack, then the top was capped with bentonite and hydrated with water up to the next sample depth of 7.5 feet bgs. The shallow soil gas probe was then installed in the same way, and the borehole was sealed to the surface with hydrated bentonite. The drive rods were pulled up slowly while the probes were set to ensure that there was no caving. At the surface, the ends of the two probe tubes sealed with caps and labeled accordingly. The probes were sealed at the surface with hydrated granular bentonite and allowed to equilibrate/stabilize for one day before sampling. The April 2012 Advisory Soil Gas Investigation recommended two hours of equilibration time prior to soil gas sampling [DTSC, 2012]. The soil gas probe at CR-4503 was installed on December 11, 2012 and soil gas samples from the Site were collected on December 12, 2012. After the nested soil gas probes were installed, the bore hole was covered with a metal cover and sealed with cold patch asphalt to minimize the impact of the field investigation activities to the existing businesses at the Site.

Isopropanol which is one of the tracer compounds listed in the April 2012 guidance document, was used as the tracer gas to detect potential ambient air intrusion into soil gas samples during soil gas sampling at each probe. A cloth saturated with Isopropanol was placed at the ground surface collar of the gas probes and near the sampling assembly during purging and sampling, and the samples were analyzed for the tracer compound.

A purge volume test was conducted on the first day at the first sampling location in the adjacent parcel (CR-4504). During the purge volume test samples were collected following one, three, and ten system-volume purges. The resulting analytical data was examined by the project engineer and the purge volume for the remaining locations was selected based on the sample containing the highest concentrations of target analytes which was determined as ten purge volumes (10P).

Soil vapor was withdrawn from the end of the inert tubing that runs from the sampling tip to the surface using a 60 milliliter (ml) syringe connected to the tubing via a 3-way valve. The probe

tip and sampling tubing was purged based on the optimum purge volume as described above. A sample of in-situ soil vapor was then withdrawn and immediately transferred to the mobile lab for analysis. The samples were analyzed within 30 minutes from the time of collection. The use of small calibrated syringes allowed for careful monitoring of purge and sample volumes. This procedure ensured that an adequate sample flow was obtained without excessive pumping of air or introduction of surface air into the samples.

Purging and sampling was timed so that the flow rate does not exceed 200 milliliters per minute (ml/min). This was accomplished by withdrawing the plunger on the syringe at a constant rate for 20 seconds. The sample collector noted the collection time and the volume of sample collected on a log sheet. The log sheet is attached to the lab report in Appendix B. The onsite soil gas sample collection and analysis was performed by the chemist from Baseline Analytical Services (BAS). BAS is accredited under the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP) certification number 2284.

One duplicate soil gas sample was collected per day of sampling and analyzed for QA/QC purposes in the same manner as described above.

Decontamination

All equipment that comes into contact with potentially contaminated soil was decontaminated consistently to assure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated, but were packaged for appropriate disposal. Decontamination occurred prior to and after each use of a piece of equipment. All drilling and sampling devices used were decontaminated in a pre-designated area using the following procedures:

1. Non-phosphate detergent and tap water wash, using a brush if necessary;
2. Tap water rinse;
3. Initial de-ionized/distilled water rinse; and
4. Final de-ionized/distilled water rinse.

Sampling equipment was decontaminated by methods consistent with the equipment's use. Nitrile or latex surgical gloves were worn during handling and assembly of the sampling apparatus.

Site Restoration

After the completion of sampling, all soil gas probes and temporary PVC pipes used in collecting grab groundwater samples were removed. The boreholes were backfilled with bentonite chips and hydrated. All boring locations were patched flush with the original surface and covered with cold patch asphalt to match the current surface (see related photo in Appendix C).

4. INVESTIGATION RESULTS

Soil Sampling Results

A total of 16 soil samples were collected from CR-4503 (13 samples and 3 duplicate samples). Of these samples, 14 (12 samples and 2 duplicates) were analyzed for Total Petroleum Hydrocarbons – Carbon Chain (TPH-CC) by EPA Method 8015(B) modified; 6 samples (4 samples and 2 duplicates) were analyzed for Volatile Organic Compounds including oxygenates (VOCs) by EPA Method 8260B; and 4 samples (3 samples and 1 duplicate) were analyzed for Title 22 Metals by EPA Method 6010B and EPA Method 7471A.

The highest TPH-gasoline (C_4-C_{12}) concentration of 1,060 milligrams per kilogram (mg/kg) was reported on soil sample CR-4503-2-15 which was collected southwest of Yum Yum Donuts building at a depth of 15 feet. Elevated TPH-gasoline concentrations were also reported on soil samples CR-4503-3-15 (797 mg/kg) and CR-4503-3-2.5 (46.2 mg/kg). Elevated PID readings and strong fuel odor were observed in these samples during the sampling operations. A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

The highest TPH-diesel and heavy oil (C_{13}-C_{44}) concentration of 913.3 mg/kg was reported on soil sample CR-4503-3-2.5. Elevated TPH-diesel concentrations were also reported on soil samples CR-4503-3-15 (111 mg/kg) and CR-4503-2-15 (203 mg/kg). Elevated PID readings and strong fuel odor were observed in these soil samples during the sampling operations. TPH-diesel and heavy oil concentration was reported as 682.28 mg/kg on CR-4503-5-2.5 DUP whereas there was no noted odor during field sampling and the original sample (CR-4503-5-2.5) was reported as non-detect (ND). PSL was requested to reanalyze the sample and it was reported as 345.3 mg/kg. Tetra Tech believes that this reported concentration could have come from remnants of asphalt pavement that was might have fallen into the hole during hand auger collection since the reported carbon chain is mostly in the C_{23}-C_{44} range which corresponds to asphaltic compounds. A summary of the analytical results is shown in Figure 3 and analytical lab reports are included in Appendix B.

Elevated concentration of VOCs associated with hydrocarbon fuels were reported on soil samples collected in the vicinity of Yum Yum Donuts building (CR-4503-2 and -3 at various depths) which coincides with the fact that the gasoline retail station was located in this area. These VOCs include Benzene, Ethylbenzene, Toluene, various isomers of Xylene, Isopropylbenzene, n-Propylbenzene, sec-Butylbenzene, n-Butylbenzene, Naphthalene, 1,3,5-Trimethylbenzene, and 1,2,4-Trimethylbenzene. The highest VOC concentrations were reported in soil sample CR-4503-2-15. Most of the VOCs reported for this soil sample were above the carcinogenic and non-carcinogenic Regional Screening Levels (Carcinogenic RSL) for Commercial/Industrial setting as published in EPA, [2012]. Benzene, Toluene, and Xylenes were also reported in the soil samples collected at 10feet bgs at the southeastern section of the Site (CR-4503-5-10 and -10 DUP). However, these concentrations are below the RSLs for these VOCs. A summary of the analytical results is shown in Figure 3 and analytical lab reports are included in Appendix B.

Metals were reported on all soil samples collected at shallow depths (2.5feet bgs). However, these concentrations were below the Total Threshold Limit Concentration (TTLC) for individual metals. All analytical results for metals were less than 10 times the Soluble Threshold Limit Concentration (STLC) for individual metals. Copies of all analytical reports are included in Appendix B.

Groundwater Sampling Results

One grab groundwater sample was collected at the boring location south of Yum Yum Donuts building (CR-4503-3) using Hydropunch™ methodology. The perforated PVC screen was installed at 15feet to 18feet. The groundwater level was measured at 14.8feet before sampling. The sample was collected into certified clean containers provided by PSL. The 40ml vials for VOC and TPH-gasoline analysis contained hydrochloric acid preservative. The sample containers were labeled as CR-4503-3-HP1 and were sent to PSL for VOC and TPH-CC analysis.

The TPH-gasoline range concentration was reported at 5340 micrograms per liter (µg/L) and TPH-diesel range (C_{13}-C_{22}) was reported as 1.69 mg/L. Benzene, Ethylbenzene, Isopropylbenzene, n-Propylbenzene, sec-Butylbenzene, n-Butylbenzene, Naphthalene, and Trichloroethene (TCE) was reported in the groundwater sample. The reported concentration of Benzene in the groundwater sample (17.2 µg/L) is above the Maximum Contaminant Level (MCL) of 1.0 µg/L for this organic compound [CDPH, 2011]. The reported concentration of TCE in the groundwater sample (10.7 µg/L) is above the MCL of 5.0 µg/L for this organic compound [CDPH, 2012]. A summary of the analytical results are shown in Figure 2 and analytical lab reports are included in Appendix B.

Soil Gas Sampling Results

Three soil gas samples (two samples and one duplicate) were collected at boring location CR-4503-2 located southeast of the Yum Yum Donuts building as shown in Figure 2. One of the samples was collected at 7.5feet bgs (CR-4503-2-7.5) which is 5feet below the deepest hand augered depth as per the DTSC, 2012 Advisory Active Soil Gas Investigations; a duplicate sample (CR-4503-7,5 DUP) was also collected at this location. The second sample was collected at 15feet bgs (CR-4503-2-15). 10 purge volumes were used based on the results of the soil gas sampling conducted in adjacent property CR-4504.

The samples were analyzed onsite by the mobile lab using EPA Method 8260B for VOCs and oxygenates. The analytical results showed that Benzene, Ethylbenzene, Toluene, and Xylenes (BTEX) were detected in the samples collected at 7.5 feet bgs probe while Benzene, Ethylbenzene, and Xylenes were reported in the sample collected at 15feet bgs. Cyclohexane, a VOC that is also associated with hydrocarbon fuels and has been found in former gasoline station sites was also detected in all samples. A summary of the analytical results are shown in Figure 2 and analytical lab reports are included in Appendix B.

5. CONCLUSIONS and RECOMMENDATIONS

Analytical results from soil, soil gas, and groundwater investigation show that the former use of the Site as a gasoline service station have adversely impacted the Site.

Further subsurface investigation is recommended to determine the limits of the TPH and VOC contamination identified in samples collected from the vicinity of Yum Yum Donuts building (CR-4503-2 and -3). Such supplemental investigation can be performed after the existing onsite buildings are demolished to minimize impact on the existing business operations. The results of the supplemental site investigation will determine viable remediation options for removal of contamination onsite. Supplemental subsurface investigation should also be considered around the vicinity of CR-4503-5 in the southeastern section of the Site due to the detected concentration of Benzene, Toluene, and Xylenes at 10feet bgs soil samples.

Based on the available information Tetra Tech estimates that the volume of non-hazardous contaminated soil that may need to be removed at Parcel Number CR-4503 is approximately 2,000 cubic yards or roughly 3,000 tons. At current market rates for excavation, transportation and thermal desorption, this will cost approximately $350,000.00 to remediate, including oversight and the preparation of a work plan, site specific health and safety plan, and a post removal action report by a consultant such as Tetra Tech.

Since the analytical results from the grab water sample indicated the presence of fuel contamination in the ground water, additional cost for ground water remediation need to be considered. The extent of the ground water contamination cannot be accurately determined at this time; therefore the ground water remediation options and related costs cannot be determined.

6. REFERENCES

American Society for Testing and Materials (ASTM) Designation D 2488-06. *Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)*.

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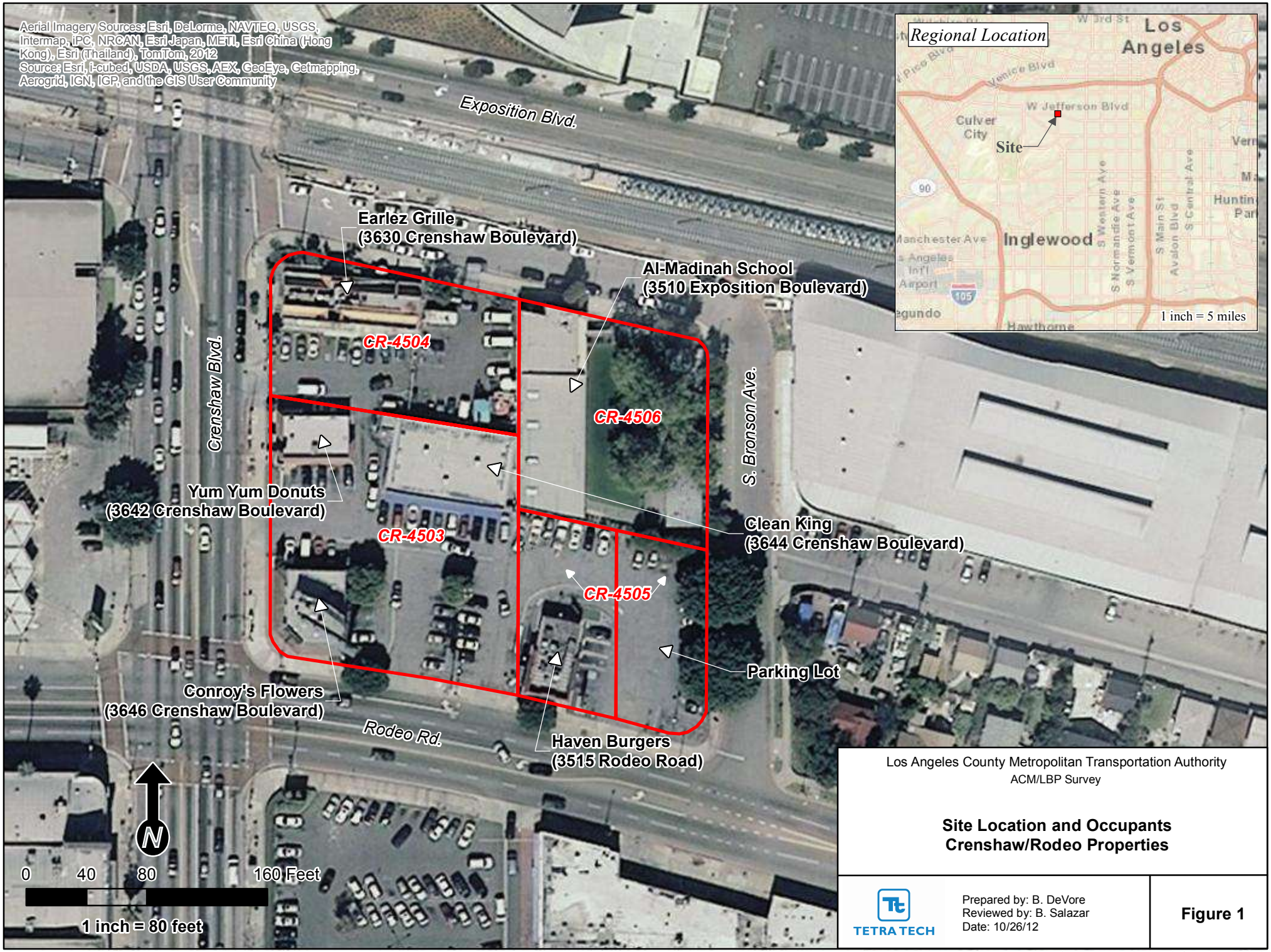
U.S. Environmental Protection Agency (EPA), 2012. *Regional Screening Levels for Chemical Contaminants*. November 2012 available at http://www.epa.gov/region9/superfund//prg/index.html

Figures



Los Angeles County Metropolitan Transportation Authority
ACM/LBP Survey

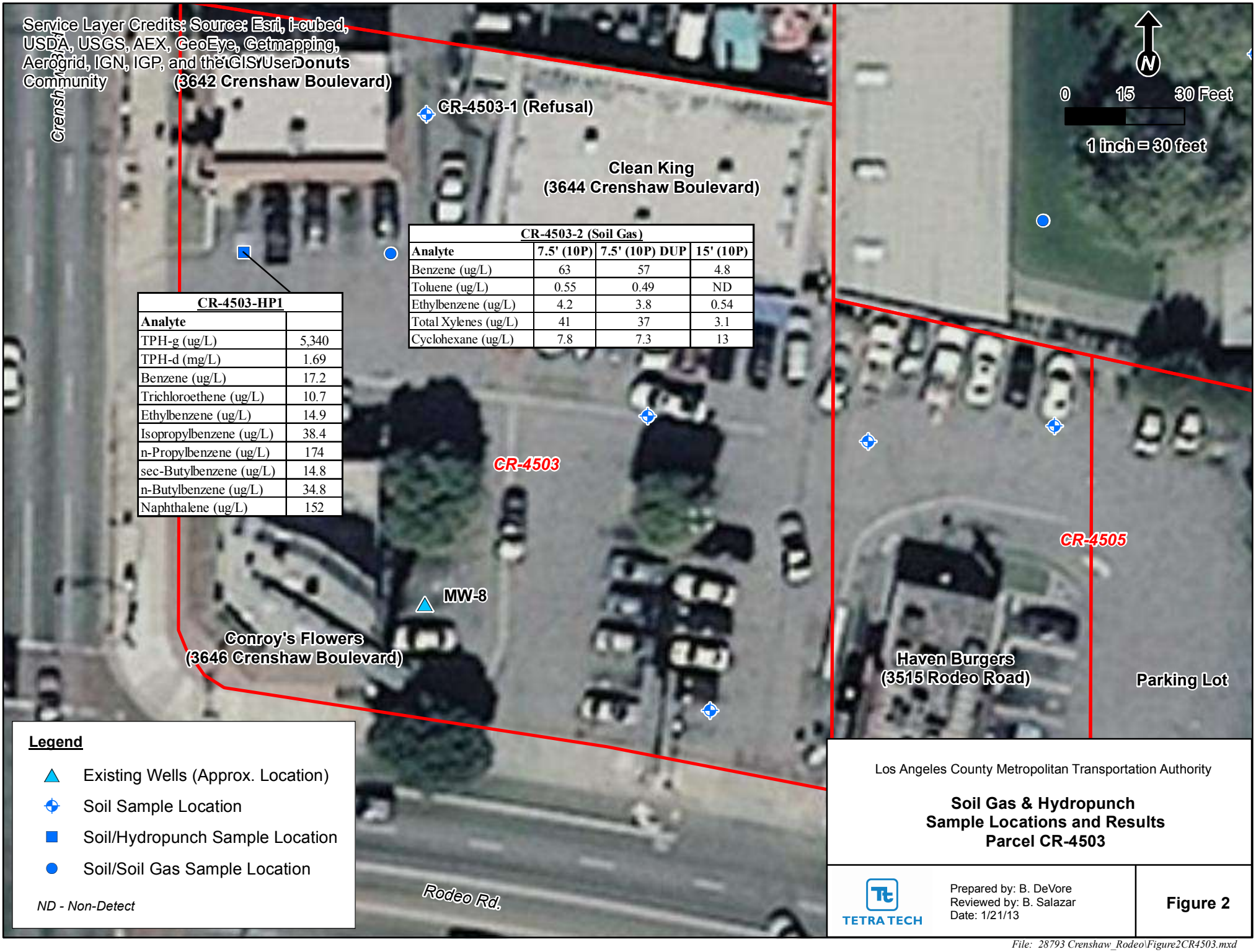
Site Location and Occupants
Crenshaw/Rodeo Properties

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 10/26/12

Figure 1

File: 28793 Crenshaw_Rodeo\SiteLocation.mxd



CR-4503-HP1	
Analyte	
TPH-g (ug/L)	5,340
TPH-d (mg/L)	1.69
Benzene (ug/L)	17.2
Trichloroethene (ug/L)	10.7
Ethylbenzene (ug/L)	14.9
Isopropylbenzene (ug/L)	38.4
n-Propylbenzene (ug/L)	174
sec-Butylbenzene (ug/L)	14.8
n-Butylbenzene (ug/L)	34.8
Naphthalene (ug/L)	152

CR-4503-2 (Soil Gas)			
Analyte	**7.5' (10P)**	**7.5' (10P) DUP**	**15' (10P)**
Benzene (ug/L)	63	57	4.8
Toluene (ug/L)	0.55	0.49	ND
Ethylbenzene (ug/L)	4.2	3.8	0.54
Total Xylenes (ug/L)	41	37	3.1
Cyclohexane (ug/L)	7.8	7.3	13

Legend

- Existing Wells (Approx. Location)
- Soil Sample Location
- Soil/Hydropunch Sample Location
- Soil/Soil Gas Sample Location

ND - Non-Detect

Los Angeles County Metropolitan Transportation Authority

Soil Gas & Hydropunch Sample Locations and Results Parcel CR-4503

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 1/21/13

Figure 2

File: 28793 Crenshaw_Rodeo\Figure2CR4503.mxd

CR-4503-2

Analyte	2.5'	5'	10'	15'
TPH-g (mg/kg)	46.2	2.36	0.996	1,060
TPH-d (mg/kg)	5.75	3	9.44	203
TPH-o (mg/kg)	ND	ND	ND	ND
Benzene (ug/kg)	NA	42.4	NA	ND
Toluene (ug/kg)	NA	13.8	NA	ND
Ethylbenzene (ug/kg)	NA	38	NA	24,500
m,p-Xylene (ug/kg)	NA	4.45	NA	ND
Isopropylbenzene (ug/kg)	NA	19	NA	4,470
n-Propylbenzene (ug/kg)	NA	62.5	NA	20,200
sec-Butylbenzene (ug/kg)	NA	9.86	NA	ND
n-Butylbenzene (ug/kg)	NA	19.6	NA	8,150
Naphthalene (ug/kg)	NA	44.7	NA	17,400
1,3,5-Trimethylbenzene (ug/kg)	NA	ND	NA	6,420
1,2,4-Trimethylbenzene (ug/kg)	NA	ND	NA	2,270

CR-4503-3

Analyte	2.5'	5'	5' DUP	10'	15'
TPH-g (mg/kg)	1.01	NA	NA	1	797
TPH-d (mg/kg)	913.3	NA	NA	5.52	111
TPH-o (mg/kg)	855	NA	NA	ND	ND
Benzene (ug/kg)	NA	119	166	NA	NA
Toluene (ug/kg)	NA	57.2	99	NA	NA
Ethylbenzene (ug/kg)	NA	48.2	62.7	NA	NA
m,p-Xylene (ug/kg)	NA	24	37.5	NA	NA
o-Xylene (ug/kg)	NA	9.98	15.3	NA	NA
Isopropylbenzene (ug/kg)	NA	134	193	NA	NA
n-Propylbenzene (ug/kg)	NA	483	466	NA	NA
sec-Butylbenzene (ug/kg)	NA	92.4	129	NA	NA
n-Butylbenzene (ug/kg)	NA	171	248	NA	NA
Naphthalene (ug/kg)	NA	100	82.9	NA	NA
1,2,4-Trimethylbenzene (ug/kg)	NA	7.45	10.9	NA	NA

CR-4503-4

Analyte	2.5'	10'
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	ND	ND
TPH-o (mg/kg)	ND	ND

CR-4503-5

Analyte	2.5'	2.5' (DUP)	2.5' (DUP-r)	5'	10'	10' (DUP)
TPH-g (mg/kg)	ND	ND	NA	ND	ND	ND
TPH-d (mg/kg)	ND	682.28	345.3	ND	3.74	ND
TPH-o (mg/kg)	ND	674	335	ND	ND	ND
Benzene (ug/kg)	NA	NA	NA	NA	12.2	13.2
Toluene (ug/kg)	NA	NA	NA	NA	9.22	9.66
m,p-Xylene (ug/kg)	NA	NA	NA	NA	2.53	2.72

Legend

- Existing Wells (Approx. Location)
- Soil Sample Location
- Soil/Hydropunch Sample Location
- Soil/Soil Gas Sample Location

ND - Non-Detect
NA - Not Analyzed

Los Angeles County Metropolitan Transportation Authority

Soil Sample Locations and Results
Parcel CR-4503

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 2/6/13

Figure 3

File: 28793 Crenshaw_Rodeo\Figure3CR4503.mxd

Appendix A – Permits, Notifications, IDW Manifest, Borelogs

ENVIRONMENTAL HEALTH

Drinking Water Program

COUNTY OF LOS ANGELES
Public Health

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

Well Permit Approval

TO BE COMPLETED BY APPLICANT:

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
3642/3630 GLENSHAW BLVD.	LOS ANGELES	90016	berwyn.salazar@tetratech.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- THIS WELL PERMIT APPROVAL IS LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- ALL FIELD WORK MUST BE CONDUCTED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF CALIFORNIA.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- **NOTIFY THE DRINKING WATER PROGRAM BY EMAIL 3 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.**

blarsen@ph.lacounty.gov

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

☐ WORK PLAN INCOMPLETE; SUBMIT THE FOLLOWING:

☒ WORK PLAN APPROVED DATE: 1/2/13

Los Angeles County Drinking Water stamp

ADDITIONAL APPROVAL CONDITIONS:

On 12/21/12 $260.00 was received for permit # 89257 02 For 2 CPT/Hydropunch/Soil Borings in to groundwater. Follow the work plan submitted. Observe the setbacks. Surface completion must meet current conditions

REGISTERED ENVIRONMENTAL HEALTH SPECIALIST — COUNTY OF LOS ANGELES — CALIFORNIA

R.E.H.S. NO: 5838

☐ ANNULAR SEAL FINAL INSPECTION REQUIRED		☐ WELL COMPLETION LOG REQUIRED	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature
☐ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED		☐ WATER QUALITY—CHEMICAL STANDARDS REQUIRED	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature
☐ WATER SUPPLY YIELD REQUIRED		☐ OTHER REQUIREMENT	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature

Salazar, Berwyn

From: noreply@digalert.org
Sent: Monday, December 10, 2012 11:58 AM
To: Salazar, Berwyn
Subject: USAS EMLCFM 2012/12/10 #00694A A23450695-00A NORM UPDT

EMLCFM 00694A USAS 12/10/12 11:57:41 A23450695-00A NORM UPDT GRID

Thank you for calling Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert. For your safety, please respect and protect the marks, and excavate carefully around the marked utility lines.

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY BACK TO THIS EMAIL.

Ticket : A23450695 Date: 12/10/12 Time: 11:55 Oper: LMC Chan: 100
Old Tkt: A23041203 Date: 10/30/12 Time: 17:58 Oper: LLF Revision: 00A

Company: MILLENIUM ENVIRONMENTAL Caller: BERWYN SALAZAR - TETRA TECH
Co Addr: 2936 E CORONADO ST
City&St: ANAHEIM, CA Zip: 92806
Phone: 818-445-7677 Ext: FIELD Call back: ANYTIME
Formn: BERWYN Phone: 626-470-2836 Ext: OFFIC
Email: BERWYN.SALAZAR@TETRATECH.COM

State: CA County: LOS ANGELES Place: LOS ANGELES
Delineated: N
Address: Street:CRENSHAW BLVD
X/ST 1 : RODEO RD
MPM 1: MPM 2:
Locat: 3630, 3642, 3644, 3646 CRENSHAW BLVD, CALLER STATES ADDRESSES ARE LOC
: BTWN RODEO RD AND EXPOSITION PL; 3515 RODEO RD, CALLER STATES ADDRESS IS
: LOC BTWN S BRONSON AVE AND CRENSHAW BLVD; 3510 EXPOSITION PL, X/ST S
: BRONSON AVE, ADDRESS LOC ON (MOST NORTHERLY) EXPOSITION PL, (CALLER
: STATES UNNAMED ST SHOWN ON TG MAP AT APPROX 222FT E/OF INTER/OF RODEO RD
: AND CRENSHAW BLVD DOES NOT EXIST ON SITE **AREA WILL BE DELINEATED
: TOMORROW MORNING 10/31 WITH WHITE PAINT**

Excav Enters Into St/Sidewalk: N

Grids: 0673E0124
Lat/Long : 34.022882/-118.335526 34.022520/-118.333215
: 34.021148/-118.335797 34.020786/-118.333486
Caller GPS:

Boring: Y Explosives: N Vacuum: N
Re-Mark: N

Work : SOIL AND SOIL GAS SAMPLING (16 SAMPLING LOCATIONS) FOR ENVIRONMENTAL INVESTIGA
Wkend: N Night: N
Work date: 12/10/12 Time: 11:57 Priority: 2
Instruct : WORK CONTINUING Permit: NOT REQUIRED
Done for : MTA

Tkt Exp: 01/07/13

COMMENTS

REF EXP TICKET A023041203, UPDATE ONLY-WORK CONT PER BERWYN SALIZAR--[LMC 12/10/12 11:57]

Mbrs :

ATTDSOUTH AT&T DISTRIBUTION - PHONE	SBC DAMAGE PREVENTION HO	510-645-2929
CITYLA C/OF LA-STREET LIGHTING	FRONT OFFICE STAFF	323-913-4744
LACMTALAX LACMTA LAX/CRENSHAW - ELEC	HANK SCHEETZ	323-903-4120
LAWP3 LADWP-JOINT LOC - W,E,FO	RICH NIXON	213-367-6343
SCG3Z2 SC GAS - CRENSHAW	DISPATCH	800-427-8894

Salazar, Berwyn

From: p1alc1m1@tlpd146.dadc.sbc.com
Sent: Monday, December 10, 2012 6:30 PM
To: Salazar, Berwyn
Subject: HIGH PRIORITY FACILITY FOUND

******** THIS EMAIL IS SYSTEM GENERATED. PLEASE DO NOT RESPOND TO THIS EMAIL ********

AT&T Distribution - Damage Prevention

*** CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE LOCATE NOTIFICATION ***

Ticket No : A23450695-00A
Ticket Address : CRENSHAW BLVD
Place : LOS ANGELES
Caller Name : MILLENIUM ENVIRONMENTAL
Caller Phone : 818-445-7677 Ext: FIELD
Contractor Name : MTA
Contractor Phone :
Membership Code : ATTDSOUTH
State One Call Law reference :
California ? Government Code 4216
- Title 8 Section 1541
Nevada - NAC 455.200 ? 455.450
- NRS 455.080 ? 455.180

This Locate Request is near an AT&T DISTRBUTION CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE that provides Switching, Routing and Transmission services to the surrounding area and around the world.

Damaging these Facilities could interrupt thousands of Services.

Before Digging in this area please take care to observe and ensure that AT&T Distribution (ATT/D) has:
? Been to the location site
? Located and Marked the facilities with ORANGE, (water base/chalked based) paint and or Flags
? Or has Cleared the area (No Conflict ? No ATT/D)

HAND DIGGING IS MANDATORY WITHIN THE STATUTORY TOLERANCE ZONE.
? AT&T Distribution requires written approval be given prior to any power operated equipment being used within the statutory tolerance zone of any AT&T facility.

Contact Information:

One Call Center: 8-1-1
Any questions pertaining to the One Call request should be directed to the state One Call
(For example: location requested, utilities in the area or notification processes)
Underground Service Alert of Northern California & Nevada (USA North)
Underground Service Alert of Southern California (USA South or Dig Alert)

AT&T Distribution Damage Prevention Hotline: 510 645-2929
If assistance is needed during an excavation involving AT&T Distribution facilities or locate issue

To report Damage or Expose Facility:
AT&T Distribution Damage Reporting to AT&T Distribution: 510 645-2929

YOU ARE REQUIRED TO PREVENT DAMAGES.

Don?t take Chances!

THANK YOU

******** THIS EMAIL IS SYSTEM GENERATED. PLEASE DO NOT RESPOND TO THIS EMAIL ********

TETRA TECH BORING LOG

BORING ID NO *CR-4503-1*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 4" bgs. FILL MATERIAL to 1' bgs.
							Refusal at 1" bgs; encounter concrete pad.
5							
10							
15							
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4503-2*

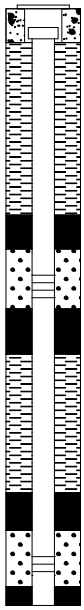
CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 3" bgs. FILL MATERIAL to 2' bgs.
			156			CL	CLAY. TPH odor
5			12.6				TPH odor.
			725			SM	SILTY SAND
10			358				TPH odor.
						CL	CLAY WITH SILT. TPH odor.
15	▽		536				TPH odor. Groundwater encountered at approximately 15.0'bgs.
							Soil boring converted to temporary dual nested soil gas probe tips set at 7.5' and 15' bgs. Soil gas probes were abandoned after sample collection. Boring was backfilled with hydrated bentonite and completed with cold asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4503-5*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 1" bgs. FILL MATERIAL to 2' bgs.
			0.0			ML	SILT WITH CLAY - gray, low plasticity, no odor.
5			0.0				SILT WITH SAND - light brown, no odor.
						CL	CLAY WITH SILT - dark brown, moist, no odor.
10			0.0				
15	▽		0.0				Same as above. lighter color. Groundwater encountered at approximately 15.0'bgs. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4503-3*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-12-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 1" bgs. FILL MATERIAL to 2' bgs.
			42.5			ML	SILT WITH SAND - black gray, very fine grained sand, slight TPH odor. 70% clay, 20% silt, 10% sand.
5			93.8			SM	SILTY SAND - light gray, very fine to fine grained sand, strong odor. 80% sand, 20% silt.
			66.5			ML	SILT WITH SAND - very light gray, slight TPH odor. 10% clay, 70% silt, 20% sand.
10			25.5			SM	SILTY SAND - Light gray, strong TPH odor, moist to wet. 85% sand, 15% silt.
			315				
15	▽		196				First encounter of water at 14.8'bgs. Groundwater encountered at approximately 15.0'bgs.
							Hydropunch sample collected for analysis. Boring was backfilled with hydrated bentonite and completed with cold patch to ground surface.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4503-4*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-12-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Truck Mounted Geoprobe* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 1" bgs. FILL MATERIAL to 2' bgs.
			0.0			CL	CLAY WITH SILT - very dark gray (5YR 3/1). Fine grained sand, medium plasticity, no odor. 65% clay, 25% silt, 10% sand.
5			0.0			ML	SILT WITH SAND - grayish brown (10YR 5/2). Very fine to fine grained sand, trace clay, no odor.
						CL	CLAY WITH SILT - very dark brown (10YR 2/2). Moist, medium plasticity.
10			0.0				
15	▽		0.0				Same as above. Grayish brown (10YR 5/2). Wet, very fine grained sand. Groundwater encountered at approximately 15.0'bgs.
							Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

KEY TO SYMBOLS

Symbol	Description
Strata symbols	
	Paving
	Fill
	Low plasticity clay
	Silty sand
	Silt
Misc. Symbols	
	Water table during drilling
Soil Samplers	
	Environmental Sample
Monitor Well Details	
	flush-mount cover
	recessed cover set in concrete
	bentonite pellets
	bentonite slurry

Symbol	Description
	silica sand, blank PVC
	slotted pipe w/ sand

Notes:

1. Exploratory borings were drilled on 11-1-12, 12-11-12 and 12-12-12.

2. Borings were drilled using a Bobcat-Mounted 2-inch diameter direct push rig and a Truck-Mounted 2-inch diamter direct push rig.

3. These logs are subject to the limitations, conclusions, and recommendations in this report.

4. Results of tests conducted on samples recovered are reported on the logs.

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
/ /			A07		

Generator and/or Consultant

Generator's Name and Billing Address: L.A.C.M.T.A. ATTN: GWYNNETH DOYLE ONE GATEWAY PLAZA M: 99-17-2 LOS ANGELES, CA 90012	Generator's Phone #: 213-922-2447 Person to Contact: FAX#:	 Customer Account Number
Consultant's Name and Billing Address: BERWYN SALAZAR TETRA TECH 3475 E. FOOTHILL BLVD. PASADENA	Consultant's Phone #: Person to Contact: FAX#:	 Customer Account Number
Generation Site (Transport from): *(name & address)* MTA - CRENSHAW RODEO PROPERTIES CRENSHAW BLVD. AND RODEO RD. LOS ANGELES, CA	Site Phone #: Person to Contact: FAX#:	
Designated Facility (Transport to): *(name & address)* SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001 Person to Contact: DELLENA JEFFREY FAX#: (760) 246-8004	
Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 215229	Transporter's Phone #: 949-460-5200 Person to Contact: LARRY MOOTHART FAX#: 949-460-5210	CAR000183913 450647 Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑	2	Soil			
Sand ❑ Organic ❑ Clay ❑ Other ❑	0 - 10% ❑ 10 - 20% ❑ 20% - over ❑	Gas ❑ Diesel ❑ Other ❑					

List any exception to items listed above: Scale Ticket #

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ❑ Consultant ❑	Signature and date:	Month	Day	Year
Gwynneth Doyle on behalf of L.A.C.M.T.A.	Gwynneth Doyle	01	25	13

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
LUIS NAVARRO		01	25	13

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	

Please print or type.

GENERATOR/CONSULTANTS COPY

Appendix B – Analytical Lab Reports

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

January 18, 2013

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1212104
Project Name: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on December 12, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 01/18/13 13
Submitted: 12/12/12
PLS Report No.: 1212104

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4503-5-2.5 DUP - Reprep Soil (1212104-10) Sampled:12/11/12 22:10 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**10.3**	R1	1	mg/kg	3.00	EPA 3546	EPA 8015B	01/17/13	01/17/13	rp	BA31813
C23 - C32	**191**	R1	1	mg/kg	120	EPA 3546	EPA 8015B	01/17/13	01/17/13	rp	BA31813
C33 - C44	**144**	R1	1	mg/kg	120	EPA 3546	EPA 8015B	01/17/13	01/17/13	rp	BA31813
Surrogate: n-Tetracosane	*116 %*	*R1*		*50-146*		*EPA 3546*	*EPA 8015B*	*01/17/13*	*01/17/13*	*rp*	*BA31813*

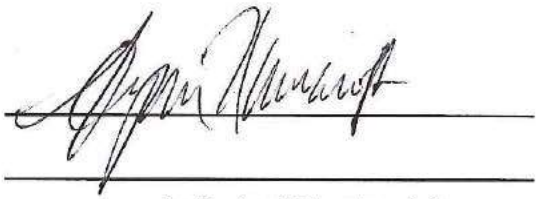
Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BA31813 - EPA 3546										
Blank Prepared & Analyzed: 01/17/13										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*19.9*		mg/kg	*20.83*		*95.6*	*50-146*			
LCS Prepared & Analyzed: 01/17/13										
Diesel	535	5.00	mg/kg	554.7		96.5	59-146			
Surrogate: n-Tetracosane	*21.1*		mg/kg	*20.83*		*101*	*63-142*			

Notes and Definitions

R1	Analyzed Past Holding Time
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138



Authorized Signature(s)

74790

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 1 OF 2

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 12104

CLIENT NAME: TETRA TECH Project Name/No. MTA CRENSHAW - RODEO P.O. NO. 100-PEN-T3968

ADDRESS: 3475 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) (N) = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, (P) = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: _____

COOLER TEMP: 2.5°C

PRESERVED: _____

REMARKS:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	ANALYSES REQUESTED: TPH METALS	VOC (8260B/5035)	TPH cc (C4-C44)						SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	1745	CR-4503-2-2.5		X			N	1	G	X		X					
2			1800	CR-4503-2-5		X				4	V/P		X	X					
3			1805	CR-4503-2-10		X				1	P		·	X					
4			1810	CR-4503-2-15		X				4	V/P		X	X					
5			1915	CR-4505-4-2.5		X				1		X		X					
6		(B)	1920	CR-4505-4-5		X				1					(B)				Hold
7			1925	CR-4505-4-10		X				1				X					
8			1930	CR-4505-4-15		X				1									Hold
9		12/11	2210	CR-4503-5-2.5		X			N	1	G	X		X					
10		12/11	2210	CR-4503-5-2.5 DUP		X			N	1	G	X		X					Reopened 1/17/13 per Bernyn S.

Relinquished By: (Signature and Printed Name) B. SALAZAR (TE) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 8:20

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 12:32

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

74794

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 2 OF 2

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 124764

CLIENT NAME: Project Name/No. P.O. NO.

ADDRESS: see p.1

PROJECT MANAGER: PHONE NO: FAX NO:

SAMPLER NAME: (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: _____

COOLER TEMP: 2.5°C

PRESERVED: _____

REMARKS:

ANALYSES REQUESTED: T22 METALS; VOC (8260B/5035); TPH-d (C4-C44)

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	T22 METALS	VOC (8260B/5035)	TPH-d (C4-C44)	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	2215	CR-4503 - 5 - 5		X			N	1	P			X	
2			2220	- 10						4	V/P		X	X	
3			2220	- 10 DUP						4	V/P		X	X	
4			2225	- 15						1	P				HOLD
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B. SALAZAR — Received By: (Signature and Printed Name) — Date: 12/12/12 Time: 8:20

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: 12/12/12 Time: 12:32

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

December 20, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1212115
Project Name: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on December 13, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Sample ID: CR-4503-3-2.5 Soil (1212115-01) Sampled:12/12/12 17:30 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**1.01**		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21321
Surrogate: a,a,a-Trifluorotoluene	*153 %*	*DO*		*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21321*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**58.3**		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
C23 - C32	**480**		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
C33 - C44	**375**		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
Surrogate: n-Tetracosane	*97.3 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/17/12*	*lk*	*BL21820*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Arsenic	**3.38**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Barium	**155**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Chromium	**16.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cobalt	**8.11**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Copper	**26.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Lead	**23.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Nickel	**12.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Vanadium	**31.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Zinc	**80.3**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	12/13/12	12/13/12	ds	BL21305

Sample ID: CR-4503-3-5 Soil (1212115-02) Sampled:12/12/12 17:35 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Sample ID: CR-4503-3-5 Soil (1212115-02) Sampled:12/12/12 17:35 Received:12/13/12 10:04

cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Benzene	**119**	1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Toluene	**57.2**	1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethylbenzene	**48.2**	1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
m,p-Xylene	**24.0**	1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
o-Xylene	**9.98**	1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Isopropylbenzene	**134**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Propylbenzene	**483**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trimethylbenzene	**7.45**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
sec-Butylbenzene	**92.4**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Butylbenzene	**171**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Sample ID: CR-4503-3-5 Soil (1212115-02) Sampled:12/12/12 17:35 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Naphthalene	**100**		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Surrogate: Dibromofluoromethane	*99.2 %*			*71-130*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: Toluene-d8	*123 %*	*DO*		*80-120*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: 4-Bromofluorobenzene	*121 %*			*66-131*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*

Sample ID: CR-4503-3-5 DUP Soil (1212115-03) Sampled:12/12/12 17:35 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Benzene	**166**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Toluene	**99.0**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706

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Sample ID: CR-4503-3-5 DUP Soil (1212115-03) Sampled:12/12/12 17:35 Received:12/13/12 10:04

1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethylbenzene	**62.7**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
m,p-Xylene	**37.5**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
o-Xylene	**15.3**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Isopropylbenzene	**193**		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Propylbenzene	**466**		50	ug/kg	200	EPA 5035	EPA 8260B	12/14/12	12/18/12	mb	BL21706
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trimethylbenzene	**10.9**		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
sec-Butylbenzene	**129**		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Butylbenzene	**248**		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Naphthalene	**82.9**		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Surrogate: Dibromofluoromethane	*96.3 %*			*71-130*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: Toluene-d8	*126 %*	*DO*		*80-120*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: 4-Bromofluorobenzene	*121 %*			*66-131*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*

Sample ID: CR-4503-3-10 Soil (1212115-04) Sampled:12/12/12 17:40 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**1.40**		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/14/12	12/14/12	lk	BL21321
Surrogate: a,a,a-Trifluorotoluene	*152 %*	*DO*		*73-134*		*EPA 5030B*	*EPA 8015B*	*12/14/12*	*12/14/12*	*lk*	*BL21321*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**5.52**		1	mg/kg	4.00	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	160	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	160	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*75.1 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*

Sample ID: CR-4503-3-15 Soil (1212115-05) Sampled:12/12/12 17:45 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**797**		200	mg/kg	100	EPA 5030B	EPA 8015B	12/14/12	12/14/12	lk	BL21321

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Sample ID: CR-4503-3-15 Soil (1212115-05) Sampled:12/12/12 17:45 Received:12/13/12 10:04

Surrogate: a,a,a-Trifluorotoluene	*716 %*	*DO*		*73-134*		*EPA 5030B*	*EPA 8015B*	*12/14/12*	*12/14/12*	*lk*	*BL21321*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**111**		1	mg/kg	4.00	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	160	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	160	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*88.8 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*

Sample ID: CR4503-HP1 Water (1212115-06) Sampled:12/12/12 18:05 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**5340**		1	ug/l	100	EPA 5030B	EPA 8015B	12/14/12	12/14/12	lk	BL21407
Surrogate: a,a,a-Trifluorotoluene	*388 %*	*DO*		*69-138*		*EPA 5030B*	*EPA 8015B*	*12/14/12*	*12/14/12*	*lk*	*BL21407*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**1.69**		1	mg/L	0.500	EPA 3510C	EPA 8015B	12/18/12	12/19/12	lk	BL22019
C23 - C32	ND		1	mg/L	5.00	EPA 3510C	EPA 8015B	12/18/12	12/19/12	lk	BL22019
C33 - C44	ND		1	mg/L	10.0	EPA 3510C	EPA 8015B	12/18/12	12/19/12	lk	BL22019
Surrogate: n-Tetracosane	*91.7 %*			*54-125*		*EPA 3510C*	*EPA 8015B*	*12/18/12*	*12/19/12*	*lk*	*BL22019*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Chloromethane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Vinyl chloride (Chloroethylene)	ND		5	ug/l	2.50	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Bromomethane (Methyl bromide)	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Chloroethane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Trichlorofluoromethane (FC-11)	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1-Dichloroethene	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Acetone	ND		5	ug/l	50.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Carbon disulfide	ND		5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Methylene chloride (Dichloromethane)	ND		5	ug/l	12.5	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Tert-butyl alcohol	ND		5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
trans-1,2-Dichloroethene	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Methyl tert-butyl ether (MTBE)	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1-Dichloroethane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Vinyl acetate	ND		5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Di-isopropyl ether	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Ethyl tert-butyl ether	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
2,2-Dichloropropane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
cis-1,2-Dichloroethene	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
2-Butanone (MEK)	ND		5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Bromochloromethane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Chloroform	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1,1-Trichloroethane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Carbon tetrachloride	ND		5	ug/l	2.50	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1-Dichloropropene	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Benzene	**17.2**		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2-Dichloroethane	ND		5	ug/l	2.50	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Tert-amyl methyl ether	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Trichloroethene (TCE)	**10.7**		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2-Dichloropropane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Dibromomethane	ND		5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812

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File #:75048
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Submitted: 12/13/12
PLS Report No.: 1212115

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Sample ID: CR4503-HP1 Water (1212115-06) Sampled:12/12/12 18:05 Received:12/13/12 10:04

1,4-Dioxane	ND	5	ug/l	100	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Bromodichloromethane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
2-Chloroethyl vinyl ether	ND	5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
cis-1,3-Dichloropropene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
4-Methyl-2-pentanone (MIBK)	ND	5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Toluene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
trans-1,3-Dichloropropene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1,2-Trichloroethane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Tetrachloroethene (PCE)	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,3-Dichloropropane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
2-Hexanone (MBK)	ND	5	ug/l	25.0	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Dibromochloromethane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2-Dibromoethane (EDB)	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Chlorobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1,1,2-Tetrachloroethane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Ethylbenzene	**14.9**	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
m,p-Xylene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
o-Xylene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Styrene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Bromoform (Tribromomethane)	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/20/12	mb	BL21812
Isopropylbenzene	**38.4**	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Bromobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,1,2,2-Tetrachloroethane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2,3-Trichloropropane	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
n-Propylbenzene	**174**	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
2-Chlorotoluene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
4-Chlorotoluene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,3,5-Trimethylbenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
tert-Butylbenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2,4-Trimethylbenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
sec-Butylbenzene	**14.8**	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,3-Dichlorobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
4-Isopropyltoluene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,4-Dichlorobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2-Dichlorobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
n-Butylbenzene	**34.8**	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2,3-Trichlorobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2-Dibromo-3-chloropropane (DBCP)	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
1,2,4-Trichlorobenzene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Hexachlorobutadiene	ND	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Naphthalene	**152**	5	ug/l	5.00	EPA 5030B	EPA 8260B	12/14/12	12/14/12	mb	BL21812
Surrogate: Dibromofluoromethane	*95.7 %*		*71-124*		*EPA 5030B*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21812*
Surrogate: Toluene-d8	*106 %*		*84-112*		*EPA 5030B*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21812*
Surrogate: 4-Bromofluorobenzene	*95.7 %*		*78-120*		*EPA 5030B*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21812*

Sample ID: CR-4503-4-2.5 Soil (1212115-07) Sampled:12/12/12 19:40 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21321
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21321*

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Sample ID: CR-4503-4-2.5 Soil (1212115-07) Sampled:12/12/12 19:40 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
Surrogate: n-Tetracosane	*81.6 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/17/12*	*lk*	*BL21820*

Sample ID: CR-4503-4-10 Soil (1212115-08) Sampled:12/12/12 19:50 Received:12/13/12 10:04

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21321
Surrogate: a,a,a-Trifluorotoluene	*104 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21321*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*75.2 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*

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Pasadena, CA 91107

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File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21407 - EPA 5030B										
Blank Prepared & Analyzed: 12/14/12										
C4 - C12	ND	100	ug/l							
Surrogate: a,a,a-Trifluorotoluene	*31.0*		ug/l	*30.00*		*103*	*69-138*			
LCS Prepared & Analyzed: 12/14/12										
Gasoline	794	100	ug/l	909.6		87.3	63-130			
Duplicate Source: 1212115-06 Prepared & Analyzed: 12/14/12										
C4 - C12	5080	100	ug/l		5340			5.10	20	
Surrogate: a,a,a-Trifluorotoluene	*114*		ug/l	*30.00*		*380*	*69-138*			*DO*
Batch BL21321 - EPA 5030B										
Blank Prepared & Analyzed: 12/13/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0312*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 12/13/12										
Gasoline	0.800	0.500	mg/kg	0.9096		88.0	70-127			
Matrix Spike Source: 1212104-05 Prepared & Analyzed: 12/13/12										
Gasoline	1.57	0.500	mg/kg	1.819	ND	86.4	58-133			
Matrix Spike Dup Source: 1212104-05 Prepared & Analyzed: 12/13/12										
Gasoline	1.65	0.500	mg/kg	1.819	ND	90.9	58-133	5.01	30	
Batch BL22019 - EPA 3510C										
Blank Prepared: 12/18/12 Analyzed: 12/19/12										
C13 - C22	ND	0.500	mg/L							
C23 - C32	ND	5.00	mg/L							
C33 - C44	ND	10.0	mg/L							
Surrogate: n-Tetracosane	*0.220*		mg/L	*0.3125*		*70.3*	*54-125*			
LCS Prepared: 12/18/12 Analyzed: 12/19/12										
Diesel	6.97	0.500	mg/L	8.320		83.8	63-112			
Surrogate: n-Tetracosane	*0.250*		mg/L	*0.3125*		*79.9*	*54-118*			
LCS Dup Prepared: 12/18/12 Analyzed: 12/19/12										
Diesel	7.60	0.500	mg/L	8.320		91.3	63-112	8.57	25	
Surrogate: n-Tetracosane	*0.249*		mg/L	*0.3125*		*79.7*	*54-118*			
Batch BL21820 - EPA 3546										
Blank Prepared: 12/14/12 Analyzed: 12/15/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*17.1*		mg/kg	*20.83*		*82.2*	*50-146*			

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Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21820 - EPA 3546										
LCS Prepared: 12/14/12 Analyzed: 12/15/12										
Diesel	526	4.00	mg/kg	554.7		94.8	59-146			
Surrogate: n-Tetracosane	*15.2*		mg/kg	*20.83*		*72.9*	*63-142*			
LCS Dup Prepared: 12/14/12 Analyzed: 12/15/12										
Diesel	498	4.00	mg/kg	554.7		89.8	59-146	5.38	30	
Surrogate: n-Tetracosane	*15.0*		mg/kg	*20.83*		*71.8*	*63-142*			
Matrix Spike Source: 1212115-07 Prepared: 12/14/12 Analyzed: 12/16/12										
Diesel	98.1	4.00	mg/kg	110.9	2.52	86.2	54-163			
Surrogate: n-Tetracosane	*14.2*		mg/kg	*20.83*		*68.1*	*50-146*			
Matrix Spike Dup Source: 1212115-07 Prepared: 12/14/12 Analyzed: 12/16/12										
Diesel	112	4.00	mg/kg	110.9	2.52	98.7	54-163	13.5	30	
Surrogate: n-Tetracosane	*16.2*		mg/kg	*20.83*		*78.0*	*50-146*			
Batch BL21812 - EPA 5030B										
Blank Prepared & Analyzed: 12/14/12										
Dichlorodifluoromethane (FC-12)	ND	1.00	ug/l							
Chloromethane	ND	1.00	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.500	ug/l							
Bromomethane (Methyl bromide)	ND	1.00	ug/l							
Chloroethane	ND	1.00	ug/l							
Trichlorofluoromethane (FC-11)	ND	1.00	ug/l							
1,1-Dichloroethene	ND	1.00	ug/l							
Acetone	ND	10.0	ug/l							
Carbon disulfide	ND	5.00	ug/l							
Methylene chloride (Dichloromethane)	ND	2.50	ug/l							
Tert-butyl alcohol	ND	5.00	ug/l							
trans-1,2-Dichloroethene	ND	1.00	ug/l							
Methyl tert-butyl ether (MTBE)	ND	1.00	ug/l							
1,1-Dichloroethane	ND	1.00	ug/l							
Vinyl acetate	ND	5.00	ug/l							
Di-isopropyl ether	ND	1.00	ug/l							
Ethyl tert-butyl ether	ND	1.00	ug/l							
2,2-Dichloropropane	ND	1.00	ug/l							
cis-1,2-Dichloroethene	ND	1.00	ug/l							
2-Butanone (MEK)	ND	5.00	ug/l							
Bromochloromethane	ND	1.00	ug/l							
Chloroform	ND	1.00	ug/l							
1,1,1-Trichloroethane	ND	1.00	ug/l							
Carbon tetrachloride	ND	0.500	ug/l							
1,1-Dichloropropene	ND	1.00	ug/l							

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(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21812 - EPA 5030B										
Benzene	ND	1.00	ug/l							
1,2-Dichloroethane	ND	0.500	ug/l							
Tert-amyl methyl ether	ND	1.00	ug/l							
Trichloroethene (TCE)	ND	1.00	ug/l							
1,2-Dichloropropane	ND	1.00	ug/l							
Dibromomethane	ND	1.00	ug/l							
1,4-Dioxane	ND	20.0	ug/l							
Bromodichloromethane	ND	1.00	ug/l							
2-Chloroethyl vinyl ether	ND	5.00	ug/l							
cis-1,3-Dichloropropene	ND	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/l							
Toluene	ND	1.00	ug/l							
trans-1,3-Dichloropropene	ND	1.00	ug/l							
1,1,2-Trichloroethane	ND	1.00	ug/l							
Tetrachloroethene (PCE)	ND	1.00	ug/l							
1,3-Dichloropropane	ND	1.00	ug/l							
2-Hexanone (MBK)	ND	5.00	ug/l							
Dibromochloromethane	ND	1.00	ug/l							
1,2-Dibromoethane (EDB)	ND	1.00	ug/l							
Chlorobenzene	ND	1.00	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.00	ug/l							
Ethylbenzene	ND	1.00	ug/l							
m,p-Xylene	ND	1.00	ug/l							
o-Xylene	ND	1.00	ug/l							
Styrene	ND	1.00	ug/l							
Bromoform (Tribromomethane)	ND	1.00	ug/l							
Isopropylbenzene	ND	1.00	ug/l							
Bromobenzene	ND	1.00	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.00	ug/l							
1,2,3-Trichloropropane	ND	1.00	ug/l							
n-Propylbenzene	ND	1.00	ug/l							
2-Chlorotoluene	ND	1.00	ug/l							
4-Chlorotoluene	ND	1.00	ug/l							
1,3,5-Trimethylbenzene	ND	1.00	ug/l							
tert-Butylbenzene	ND	1.00	ug/l							
1,2,4-Trimethylbenzene	ND	1.00	ug/l							
sec-Butylbenzene	ND	1.00	ug/l							
1,3-Dichlorobenzene	ND	1.00	ug/l							
4-Isopropyltoluene	ND	1.00	ug/l							
1,4-Dichlorobenzene	ND	1.00	ug/l							
1,2-Dichlorobenzene	ND	1.00	ug/l							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21812 - EPA 5030B										
1,2,3-Trichlorobenzene	ND	1.00	ug/l							
n-Butylbenzene	ND	1.00	ug/l							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/l							
1,2,4-Trichlorobenzene	ND	1.00	ug/l							
Hexachlorobutadiene	ND	1.00	ug/l							
Naphthalene	ND	1.00	ug/l							
Surrogate: Dibromofluoromethane	*9.28*		ug/l	*10.00*		*92.8*	*71-124*			
Surrogate: Toluene-d8	*10.4*		ug/l	*10.00*		*104*	*84-112*			
Surrogate: 4-Bromofluorobenzene	*9.66*		ug/l	*10.00*		*96.6*	*78-120*			
LCS Prepared & Analyzed: 12/14/12										
1,1-Dichloroethene	24.1	1.00	ug/l	20.00		120	58-136			
Methyl tert-butyl ether (MTBE)	22.5	1.00	ug/l	20.00		112	69-133			
Benzene	22.1	1.00	ug/l	20.00		111	67-131			
Trichloroethene (TCE)	21.6	1.00	ug/l	20.00		108	74-124			
1,4-Dioxane	103	20.0	ug/l	100.0		103	70-130			
Toluene	20.7	1.00	ug/l	20.00		103	74-125			
Chlorobenzene	20.5	1.00	ug/l	20.00		103	75-121			
Surrogate: Dibromofluoromethane	*9.53*		ug/l	*10.00*		*95.3*	*78-124*			
Surrogate: Toluene-d8	*10.5*		ug/l	*10.00*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.50*		ug/l	*10.00*		*95.0*	*80-120*			
Matrix Spike Source: 1212121-04 Prepared & Analyzed: 12/14/12										
1,1-Dichloroethene	38.3	1.00	ug/l	20.00	23.3	75.1	58-139			
Benzene	22.7	1.00	ug/l	20.00	ND	113	73-138			
Trichloroethene (TCE)	72.7	1.00	ug/l	20.00	57.9	74.2	73-137			
Toluene	21.4	1.00	ug/l	20.00	ND	107	75-134			
Chlorobenzene	21.2	1.00	ug/l	20.00	ND	106	80-122			
Surrogate: Dibromofluoromethane	*9.68*		ug/l	*10.00*		*96.8*	*71-124*			
Surrogate: Toluene-d8	*10.4*		ug/l	*10.00*		*104*	*84-112*			
Surrogate: 4-Bromofluorobenzene	*9.47*		ug/l	*10.00*		*94.7*	*78-120*			
Matrix Spike Dup Source: 1212121-04 Prepared & Analyzed: 12/20/12										
1,1-Dichloroethene	39.3	1.00	ug/l	20.00	23.3	80.0	58-139	6.38	20	
Benzene	19.2	1.00	ug/l	20.00	ND	95.8	73-138	16.7	20	
Trichloroethene (TCE)	74.1	1.00	ug/l	20.00	57.9	81.0	73-137	8.82	20	
Toluene	18.8	1.00	ug/l	20.00	ND	93.8	75-134	13.3	20	
Chlorobenzene	18.4	1.00	ug/l	20.00	ND	92.2	80-122	13.8	20	
Surrogate: Dibromofluoromethane	*10.1*		ug/l	*10.00*		*101*	*71-124*			
Surrogate: Toluene-d8	*10.2*		ug/l	*10.00*		*102*	*84-112*			
Surrogate: 4-Bromofluorobenzene	*9.93*		ug/l	*10.00*		*99.3*	*78-120*			
Batch BL21706 - EPA 5035										

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(213) 745-5312 FAX (213) 745-6372

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Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21706 - EPA 5035										
Blank Prepared & Analyzed: 12/13/12										
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Acetone	ND	80.0	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							
1,1-Dichloroethene	ND	4.00	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
Tert-butyl alcohol	ND	20.0	ug/kg							
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Di-isopropyl ether	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
Ethyl tert-butyl ether	ND	4.00	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							
2-Butanone (MEK)	ND	40.0	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							
1,1,1-Trichloroethane	ND	4.00	ug/kg							
Tert-amyl methyl ether	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
Benzene	ND	2.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
Toluene	ND	2.00	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21706 - EPA 5035										
1,3-Dichloropropane	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							
Isopropylbenzene	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							
4-Isopropyltoluene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Surrogate: Dibromofluoromethane	*9.55*		ug/kg	*10.00*		*95.5*	*71-130*			
Surrogate: Toluene-d8	*10.3*		ug/kg	*10.00*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.64*		ug/kg	*10.00*		*96.4*	*66-131*			
LCS Prepared & Analyzed: 12/13/12										
1,1-Dichloroethene	24.7	4.00	ug/kg	20.00		123	70-129			
Methyl tert-butyl ether (MTBE)	21.5	4.00	ug/kg	20.00		108	64-131			
Benzene	21.7	2.00	ug/kg	20.00		108	75-125			
Trichloroethene (TCE)	21.4	4.00	ug/kg	20.00		107	72-121			
Toluene	20.6	2.00	ug/kg	20.00		103	68-126			

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21706 - EPA 5035										
Chlorobenzene	20.5	4.00	ug/kg	20.00		102	71-117			
Surrogate: Dibromofluoromethane	*10.0*		ug/kg	*10.00*		*100*	*78-126*			
Surrogate: Toluene-d8	*10.5*		ug/kg	*10.00*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.50*		ug/kg	*10.00*		*95.0*	*80-120*			
Matrix Spike Source: 1212108-05 Prepared & Analyzed: 12/19/12										
1,1-Dichloroethene	18.5	4.00	ug/kg	20.00	ND	92.6	65-130			
Benzene	19.0	2.00	ug/kg	20.00	3.93	75.2	59-129			
Trichloroethene (TCE)	19.2	4.00	ug/kg	20.00	ND	95.8	58-134			
Toluene	18.9	2.00	ug/kg	20.00	2.76	80.7	59-123			
Chlorobenzene	18.5	4.00	ug/kg	20.00	ND	92.6	66-122			
Surrogate: Dibromofluoromethane	*9.95*		ug/kg	*10.00*		*99.5*	*73-135*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.77*		ug/kg	*10.00*		*97.7*	*66-131*			
Matrix Spike Dup Source: 1212108-05 Prepared & Analyzed: 12/19/12										
1,1-Dichloroethene	18.3	4.00	ug/kg	20.00	ND	91.4	65-130	1.36	30	
Benzene	18.7	2.00	ug/kg	20.00	3.93	73.6	59-129	2.08	30	
Trichloroethene (TCE)	18.6	4.00	ug/kg	20.00	ND	92.9	58-134	3.07	30	
Toluene	18.3	2.00	ug/kg	20.00	2.76	77.7	59-123	3.79	30	
Chlorobenzene	18.1	4.00	ug/kg	20.00	ND	90.6	66-122	2.18	30	
Surrogate: Dibromofluoromethane	*10.1*		ug/kg	*10.00*		*101*	*73-135*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.82*		ug/kg	*10.00*		*98.2*	*66-131*			
Batch BL21306 - EPA 3050B										
Blank Prepared & Analyzed: 12/13/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							

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File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
LCS Prepared & Analyzed: 12/13/12										
Antimony	43.3	2.50	mg/kg	49.75		87.0	60-140			
Arsenic	174	1.00	mg/kg	200.0		87.1	80-120			
Barium	203	1.00	mg/kg	199.2		102	80-120			
Beryllium	4.53	1.00	mg/kg	4.970		91.2	80-120			
Cadmium	4.92	1.00	mg/kg	5.040		97.7	80-120			
Chromium	20.0	1.00	mg/kg	19.94		100	80-120			
Cobalt	49.2	1.00	mg/kg	49.87		98.7	80-120			
Copper	25.4	1.00	mg/kg	24.82		103	80-120			
Lead	49.1	1.00	mg/kg	50.00		98.3	80-120			
Molybdenum	46.8	1.00	mg/kg	50.00		93.6	80-120			
Nickel	50.0	1.00	mg/kg	50.10		99.7	80-120			
Selenium	167	1.00	mg/kg	199.5		83.9	80-120			
Silver	4.93	1.00	mg/kg	4.990		98.8	80-120			
Thallium	190	1.00	mg/kg	200.5		94.7	80-120			
Vanadium	46.2	1.00	mg/kg	49.87		92.7	80-120			
Zinc	48.0	5.00	mg/kg	50.00		96.1	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.2	2.50	mg/kg	49.75	ND	68.7	60-140			
Arsenic	185	1.00	mg/kg	200.0	4.94	90.0	75-125			
Barium	355	1.00	mg/kg	199.2	167	94.3	75-125			
Beryllium	5.22	1.00	mg/kg	4.970	0.644	92.0	75-125			
Cadmium	4.80	1.00	mg/kg	5.040	0.213	91.0	75-125			
Chromium	39.5	1.00	mg/kg	19.94	21.6	89.4	75-125			
Cobalt	57.5	1.00	mg/kg	49.87	13.4	88.4	75-125			
Copper	52.8	1.00	mg/kg	24.82	28.0	99.8	75-125			
Lead	47.9	1.00	mg/kg	50.00	4.26	87.2	75-125			
Molybdenum	46.5	1.00	mg/kg	50.00	0.460	92.1	75-125			
Nickel	61.7	1.00	mg/kg	50.10	16.2	90.8	75-125			
Selenium	173	1.00	mg/kg	199.5	ND	86.7	75-125			
Silver	4.96	1.00	mg/kg	4.990	ND	99.5	75-125			
Thallium	177	1.00	mg/kg	200.5	ND	88.4	75-125			
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125			
Zinc	108	5.00	mg/kg	50.00	67.0	81.7	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.4	2.50	mg/kg	49.75	ND	69.2	60-140	0.620	30	
Arsenic	186	1.00	mg/kg	200.0	4.94	90.5	75-125	0.520	30	
Barium	356	1.00	mg/kg	199.2	167	95.1	75-125	0.823	30	
Beryllium	5.23	1.00	mg/kg	4.970	0.644	92.3	75-125	0.381	30	
Cadmium	4.85	1.00	mg/kg	5.040	0.213	91.9	75-125	0.961	30	

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/20/12 15
Submitted: 12/13/12
PLS Report No.: 1212115

Project: MTA Crenshaw - Rodeo Phase II / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Chromium	40.4	1.00	mg/kg	19.94	21.6	93.9	75-125	4.97	30	
Cobalt	58.0	1.00	mg/kg	49.87	13.4	89.4	75-125	1.11	30	
Copper	52.4	1.00	mg/kg	24.82	28.0	98.4	75-125	1.47	30	
Lead	48.7	1.00	mg/kg	50.00	4.26	88.9	75-125	1.96	30	
Molybdenum	46.8	1.00	mg/kg	50.00	0.460	92.6	75-125	0.565	30	
Nickel	61.9	1.00	mg/kg	50.10	16.2	91.2	75-125	0.523	30	
Selenium	174	1.00	mg/kg	199.5	ND	87.5	75-125	0.896	30	
Silver	4.92	1.00	mg/kg	4.990	ND	98.6	75-125	0.845	30	
Thallium	178	1.00	mg/kg	200.5	ND	88.7	75-125	0.408	30	
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125	0.00733	30	
Zinc	108	5.00	mg/kg	50.00	67.0	82.7	75-125	1.22	30	
Batch BL21305 - EPA 7471A										
Blank Prepared & Analyzed: 12/13/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Mercury	0.795	0.100	mg/kg	0.8283		96.0	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.831	0.100	mg/kg	0.8283	0.0396	95.5	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.877	0.100	mg/kg	0.8283	0.0396	101	75-125	5.65	25	

Notes and Definitions

DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

74795

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/12/12 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 12128

CLIENT NAME: TETRA TECH INC. Project Name/No. MTA CRENSHAW BODEO PHASE II P.O. NO. 100-PON-T3016

ADDRESS: 348 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

AIRBILL NO: _____

COOLER TEMP: 24°C

PRESERVED: _____

REMARKS:

ANALYSES REQUESTED: TPH as (C4-C44) / VOC (8260B/5035) / TPH as (C4-C44)

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	TPH as (C4-C44)	VOC (8260B/5035)	TPH as (C4-C44)	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/12/12	1730	CR4503-3-2.5		X			N	1	G	X		X	
2			1735	CR4503-3-5						4	V/P		X		
3			1755	-5Dup						4	V/P		X		
4			1740	-16						1	P			X	
5			1745	-15						1	P			X	
6			1805	CR-4503-HP1	X					4	G	X	X	X	
7			1940	CR-4503-4-2.5		X				1	G			X	
8			1945	-5						1	P				Hold
9			1950	-10						1	P			X	
10			1955	-15						1	P				Hold

Relinquished By: (Signature and Printed Name) B. SALAZAR (FT) Received By: (Signature and Printed Name) G. Gutierrez Date: 12/13/12 Time: @ 0:01am

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days
By _____ Date _____

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

January 18, 2013

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1212104
Project Name: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on December 12, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 01/18/13 13
Submitted: 12/12/12
PLS Report No.: 1212104

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4503-5-2.5 DUP - Reprep Soil (1212104-10) Sampled:12/11/12 22:10 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**10.3**	R1	1	mg/kg	3.00	EPA 3546	EPA 8015B	01/17/13	01/17/13	rp	BA31813
C23 - C32	**191**	R1	1	mg/kg	120	EPA 3546	EPA 8015B	01/17/13	01/17/13	rp	BA31813
C33 - C44	**144**	R1	1	mg/kg	120	EPA 3546	EPA 8015B	01/17/13	01/17/13	rp	BA31813
Surrogate: n-Tetracosane	*116 %*	*R1*		*50-146*		*EPA 3546*	*EPA 8015B*	*01/17/13*	*01/17/13*	*rp*	*BA31813*

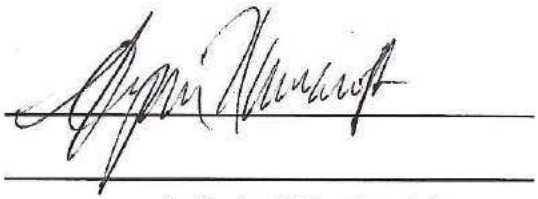
Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BA31813 - EPA 3546										
Blank Prepared & Analyzed: 01/17/13										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*19.9*		mg/kg	*20.83*		*95.6*	*50-146*			
LCS Prepared & Analyzed: 01/17/13										
Diesel	535	5.00	mg/kg	554.7		96.5	59-146			
Surrogate: n-Tetracosane	*21.1*		mg/kg	*20.83*		*101*	*63-142*			

Notes and Definitions

R1	Analyzed Past Holding Time
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138



Authorized Signature(s)

74790

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 1 OF 2

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 12104

CLIENT NAME: TETRA TECH Project Name/No. MTA CRENSHAW - RODEO P.O. NO. 100-PEN-T3968

ADDRESS: 3475 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) (N) = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, (P) = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: _____

COOLER TEMP: 2.5°C

PRESERVED: _____

REMARKS:

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	ANALYSES REQUESTED: TPH METALS	VOC (8260B/5035)	TPH cc (C4-C44)						SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	1745	CR-4503-2-2.5		X			N	1	G	X		X					
2			1800	CR-4503-2-5		X				4	V/P		X	X					
3			1805	CR-4503-2-10		X				1	P		·	X					
4			1810	CR-4503-2-15		X				4	V/P		X	X					
5			1915	CR-4505-4-2.5		X				1		X		X					
6		(B)	1920	CR-4505-4-5		X				1					(B)				Hold
7			1925	CR-4505-4-10		X				1				X					
8			1930	CR-4505-4-15		X				1									Hold
9		12/11	2210	CR-4503-5-2.5		X			N	1	G	X		X					
10		12/11	2210	CR-4503-5-2.5 DUP		X			N	1	G	X		X					Reopened 1/17/13 per Bernyn S.

Relinquished By: (Signature and Printed Name) B. SALAZAR (TE) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 8:20

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 12:32

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

74794

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 2 OF 2

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 124764

CLIENT NAME: Project Name/No. P.O. NO.

ADDRESS: see p.1

PROJECT MANAGER: PHONE NO: FAX NO:

SAMPLER NAME: (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: _____

COOLER TEMP: 2.5°C

PRESERVED: _____

REMARKS:

ANALYSES REQUESTED: T22 METALS; VOC (8260B/5035); TPH-d (C4-C44)

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	T22 METALS	VOC (8260B/5035)	TPH-d (C4-C44)	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	2215	CR-4503 - 5 - 5		X			N	1	P			X	
2			2220	- 10						4	V/P		X	X	
3			2220	- 10 DUP						4	V/P		X	X	
4			2225	- 15						1	P				HOLD
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B. SALAZAR — Received By: (Signature and Printed Name) — Date: 12/12/12 Time: 8:20

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: 12/12/12 Time: 12:32

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 1)

Laboratory Name:	Baseline Analytical Services
Address:	P.O. Box 2243 Huntington Beach, California 92647
Telephone/FAX:	(714) 273-2955 / (714) 840-1584
ELAP Certification Number:	2284 Expiration Date: January 31, 2014
Authorized Signature Name, Title (print)	Brian Kato, Laboratory Manager
Signature, Date	Brian K. Kato, 20 December 2012
Client Name:	Millennium Environmental, Inc.
Project Name:	Crenshaw & Rodeo (CR-4503)
Project Address:	NE corner Crenshaw/Rodeo, Los Angeles, California
Date(s) Sampled:	12/12/12
Date(s) Received:	12/12/12
Date(s) Reported:	12/12/12
Chain of Custody Received:	Yes
Comments:	Sample Matrix: Vapor

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 2)

Organic Analyses	Number of Samples	Number of Samples Subcontracted
VOC's (EPA 8260B)	4 Samples (including duplicates & blanks)	0

Sample Condition: good

Inorganic Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Microbiological Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Other Types of Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: µg/L

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
CLIENT SAMPLE I.D			**CR-4503-2 7.5'**	**CR-4503-2 7.5' DUP**	**CR-4503-2 15'**	**Equipment Blank**		**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium	Helium		Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330	EPA 5330		EPA 5330
DILUTION FACTOR			1	1	1	1		1
ANALYTE	MDL	PQL						
Benzene	0.050	0.10	63	57	4.8	ND<0.050		ND<0.050
Toluene	0.050	0.10	0.55	0.49	ND<0.050	ND<0.050		ND<0.050
Ethylbenzene	0.050	0.10	4.2	3.8	0.54	ND<0.050		ND<0.050
Total Xylenes	0.050	0.10	41	37	3.1	ND<0.050		ND<0.050
Methyl t-Butyl Ether (MTBE)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
t-Butanol (TBA)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<2.5
Di-Isopropyl Ether (DIPE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
Ethyl t-Butyl Ether (ETBE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
t-Amyl Methyl Ether (TAME)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
Ethanol	25	50	ND<25	ND<25	ND<25	ND<25		ND<25
Acetone	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<2.5
2-Butanone (MEK)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<2.5
n-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
sec-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
tert-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Cyclohexane	0.050	0.10	7.8	7.3	13	ND<0.050		ND<0.050
Isopropyl Alchohol	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<2.5
Isopropylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
p-isopropyltoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
4-Methyl-9-pentanone (MIBK)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<2.5
Naphthalene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
n-Propylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Styrene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2,4-Trimethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,3,5-Trimethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Bromobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Bromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Bromoform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Bromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Carbon Tetrachloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
2-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
4-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Chlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor **REPORTING UNITS: µg/L**

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
CLIENT SAMPLE I.D			**CR-4503-2 7.5'**	**CR-4503-2 7.5' DUP**	**CR-4503-2 15'**	**Equipment Blank**		**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium	Helium		Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330	EPA 5330		EPA 5330
DILUTION FACTOR			1	1	1	1		1
ANALYTE	MDL	PQL						
Chloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Chloroform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Chloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Dibromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2-Dibromo-10-Chloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2-Dibromoethane (EDB)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Dibromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,3-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,4-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Dichlorodifluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1-Dichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2-Dichloroethane (EDC)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
cis-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
trans-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,3-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
2,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
cis-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
trans-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Freon 113	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Hexachlorobutadiene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Methylene Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Tetrachloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1,1,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1,2,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2,3-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2,4-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1,1-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,1,2-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Trichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Trichlorofluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
1,2,3-Trichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
Vinyl Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050		ND<0.050
IPA (tracer ANALYTE)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5		ND<2.5

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

QA/QC Report - Vapor Samples

II. Lab Control Sample (LCS)/Lab Control Sample Duplicate (LCSD)

Date Performed: 12/12/12
Batch #: GCVOC1-12DEC2012 Analytical Method: 8260B
Instrument ID: GCVOC1 Units: ug/L

Analyte	Sample Result	Spike Conc.	LCS	%LCS	Spike Conc.	LCSD	%LCSD	RPD	LCS/LCSD Limit	RPD Limit
1,1-Dichloroethene	ND	10	9.3	93	10	9.0	90	3	65-130	0-15
Benzene	ND	10	9.4	94	10	8.8	88	7	65-130	0-15
Trichloroethene	ND	10	9.1	91	10	9.2	92	1	65-130	0-15
Toluene	ND	10	9.8	98	10	9.5	95	3	65-130	0-15
Chlorobenzene	ND	10	9.9	99	10	9.7	97	2	65-130	0-15

ATTACHMENT:

(1) Results in Units of Parts Per Million by Volume (PPMv)

(2) Chain-of-Custody (C-O-C)

(3) Field Notes

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
CLIENT SAMPLE I.D			**CR-4503-2 7.5'**	**CR-4503-2 7.5' DUP**	**CR-4503-2 15'**	**Equipment Blank**		**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium	Helium		Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330	EPA 5330		EPA 5330
DILUTION FACTOR			1	1	1	1		1
ANALYTE	MDL	PQL						
Benzene	0.010	0.020	20	18	1.5	ND<0.010		ND<0.010
Toluene	0.010	0.020	0.15	0.13	ND<0.010	ND<0.010		ND<0.010
Ethylbenzene	0.010	0.020	0.97	0.88	0.13	ND<0.010		ND<0.010
Total Xylenes	0.010	0.020	9.3	8.5	0.71	ND<0.010		ND<0.010
Methyl t-Butyl Ether (MTBE)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
t-Butanol (TBA)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
Di-Isopropyl Ether (DIPE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10	ND<0.10		ND<0.10
Ethyl t-Butyl Ether (ETBE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10	ND<0.10		ND<0.10
t-Amyl Methyl Ether (TAME)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10	ND<0.10		ND<0.10
Ethanol	5.0	10	ND<5.0	ND<5.0	ND<5.0	ND<5.0		ND<5.0
Acetone	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
2-Butanone (MEK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
n-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
sec-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
tert-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Cyclohexane	0.010	0.020	2.3	2.1	3.8	ND<0.010		ND<0.010
Isopropyl Alchohol	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
Isopropylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
p-isopropyltoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
4-Methyl-9-pentanone (MIBK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
Naphthalene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
n-Propylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Styrene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2,4-Trimethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,3,5-Trimethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Bromobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Bromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Bromoform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Bromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Carbon Tetrachloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
2-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
4-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Chlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12	12-Dec-12		12-Dec-12
CLIENT SAMPLE I.D			**CR-4503-2 7.5'**	**CR-4503-2 7.5' DUP**	**CR-4503-2 15'**	**Equipment Blank**		**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium	Helium		Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330	EPA 5330		EPA 5330
DILUTION FACTOR			1	1	1	1		1
ANALYTE	MDL	PQL						
Chloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Chloroform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Chloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Dibromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2-Dibromo-10-Chloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2-Dibromoethane (EDB)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Dibromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,3-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,4-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Dichlorodifluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1-Dichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2-Dichloroethane (EDC)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
cis-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
trans-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,3-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
2,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
cis-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
trans-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Freon 113	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Hexachlorobutadiene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Methylene Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Tetrachloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1,1,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1,2,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2,3-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2,4-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1,1-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,1,2-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Trichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Trichlorofluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
1,2,3-Trichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
Vinyl Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010		ND<0.010
IPA (tracer ANALYTE)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Millennium Environmental, Inc.	Project Name: Crenshaw & Rodeo
2936 East Coronado Street	Project Address: NE corner Crenshaw/Rodeo
Anaheim, California 92806	Los Angeles, CA
ph 714.238.1122; fax 714.238.1166	Project Number: ---
Contact: Mindy Rigney	

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Laboratory Project #: **12549-1**

Sample ID	Date	Time	Lab ID	Soil (S), Water (W), Vapor (V)	Analysis: VOC's (8260B)	Number of Containers	Comments
Equipment Blank	12-Dec-12	1700	1	V	X	2	Flowrate: 200 ml/min
CR-4503-2-7.5'	12-Dec-12	1830	2	V	X	2	
CR-4503-2-7.5' DUP	12-Dec-12	1830	3	V	X	2	
CR-4503-2-15'	12-Dec-12	1900	4	V	X	2	

Turnaround Time: On-Site Mobile Laboratory; samples were relinquished at the date(s)/times shown above.

Sample Condition: Chilled? Y / N Sealed? Y / N Comments:

Sampled & Analyzed by:
DATE/TIMES ABOVE

signature: x Brian K. Kistler

of Baseline Analytical Services

Special Instructions/Comments:

Leak Detection Compound: IPA

BASELINE ON-SITE ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Phone: (888) 753-7553
FAX: (714) 840-1584

Soil Gas Survey Field Notes: 12 December 2012

Client Information	*Project Information*		*Baseline Analytical Information*	
Millennium Environmental, Inc.	Project Name	Crenshaw & Rodeo	Analyst Name	Brian Kato
2936 East Coronado Street	Project Address	NE cnr Crenshaw/Rodeo	Telephone Number	
Anaheim, California		Los Angeles, CA		714.273.2955
ph 714.238.1122; fax 714.238.1166	Start Time:	12/12/12, 1700	E-mail Address:	BrianKato@MSN.com
Report to: Mindy Rigney				

(1) Site Conditions: At 1700, the outside temperature is 58 deg F; overcast skies

(2) Vapor Well Construction:

A probe tip is set in a sand pack with Teflon tubing leading to the surface.
The tubing ends are capped and are protected by a steel plate cover.

Sand Pack Specifications:

			Converts to: (cm)
Diameter:	2.25	inches	5.715
Height:	1	feet	30.48
Material:	Sand		

Tubing Specifications:

			Converts to: (cm)
Outer Diameter	0.25	inches	0.635
Inner Diameter:	0.17	inches	0.432
Lengths:	7.5', 15'		
Material:	Teflon		

(3) Purge Volume & Time Calculation

Component	Diameter (cm)	X-Sect Area (cm^2)	Length or Height (feet)	Length or Height (cm)	Volume (ml)	Sand Pack times 0.30 porosity Volume (ml)	Tubing Purge Volumes (ml) 1 pv	(ml) 3 pv	(ml) 10 pv
Tubing (7.5' bgs)	0.432	0.146	7.5	229	33.5	---	33	100	335
Tubing (15' bgs)	0.432	0.146	15	457	67.0	---	67	201	670
Sand Pack	5.72	25.65	1	30.5	782	235	235	704	2346
						Flow rate (ml/min):	200	200	200
						7.5' BGS: Purge Time (minutes):	1.34	4.02	13.40
						15' BGS: Purge Time (minutes):	1.51	4.52	15.08

Purge Time Calculation:

Total PV = Sand Pack Volume + Tubing Volume

Purge Time = (Total PV)/Flowrate

Purge Volume Test was previously conducted: *Remove 10 purge volumes prior to each sample collection.*

(4) Pump Specifications

Pump Model: AIRCHEK SAMPLER
Vender: SKC, Inc.
Model Number: 224-PCXR4

Description: A portable battery-powered pump with an adjustable flow-rate and a built-in flow indicator, meter, & timer. The flow was set for a fixed rate of 200ml/min.

Comments/Observations/Special Instructions:

On-site: for TetraTech, Inc., Mr. Berwyn Salazar is the site supervisor and Health & Safety Officer. Millennium set the probes on the previous night (12/11/12); the rig is on-site for soil sample collection & vapor probe abandonment. Work is to be conducted from 5:00-11:00PM; the samples adjacent to Earlez Grille must be collected after 9:00 PM. Mr. Salazar requests that concentration values be reported for cyclohexane.

Sampled and Analyzed by

signature: x Brian K. Kato

BASELINE ON-SITE ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Phone: (888) 753-7553
FAX: (714) 840-1584

Appendix C – Photos

Area of disturbed subgrade soil that is suspected to be a former UST location

Direct Push drilling – soil sampling

Temporary metal cover on nested soil gas probe location

Soil gas sampling

Grab groundwater sampling - Hydropunch™

Decontamination of direct push rods

Phase II Environmental Site Assessment (ESA) Report
Parcel Number – CR-4504
3630 Crenshaw Boulevard
Los Angeles, CA 90016

LACMTA Contract Number - PS136510023

Prepared for:

Los Angeles County Metropolitan Transportation Authority (LACMTA)
One Gateway Plaza
Los Angeles, CA 90012

Prepared by:

TETRA TECH

3475 E. Foothill Blvd.
Pasadena, California 91107-6024

March 5, 2013

TETRA TECH

March 5, 2013

Ms. Carol Chiodo
Manager
Real Estate Services
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, MS 99-18-4
Los Angeles, CA 90012-2952

Subject: **Phase II Environmental Site Assessment**
Crenshaw/Rodeo Properties
Parcel Number CR-4504
3630 Crenshaw Boulevard, Los Angeles, California 90018
LACMTA Contract No. PS136510023

Dear Ms. Chiodo:

Tetra Tech, Inc. is pleased to submit this Phase II Environmental Site Assessment (ESA) report to the L.A. County Metropolitan Transportation Authority for the above-referenced property (the Site).

The results of the soil, soil gas and groundwater investigation that was conducted at the Site as per the approved work plan showed that the former use of the Site as a gasoline service station have adversely impacted the Site. Tetra Tech recommends further investigation to delineate the extent of the contamination found onsite.

We appreciate the opportunity to provide you with this service. Should you have any questions or comments regarding this report or our findings, please contact us at your convenience.

Sincerely,

TETRA TECH, INC.

Berwyn Salazar, REA
Project Manager/Engineer
Phone: 626-470-2836

Clifford R. Pollock, C.Hg., PE
Project Geologist
Phone: 626-470-2455

DISCLAIMER

This Phase II ESA Report for Soil, Groundwater, and Soil Gas Investigation (Report) is prepared for the sole use and benefit of the Los Angeles County Metropolitan Transportation Authority (Client) and for the specific Site known as CR-4504 (3630 Crenshaw Boulevard, Los Angeles, California). **Neither this Report nor any of the information contained therein shall be used or relied upon for any purpose by any person or entity other than the Client.**

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1. INTRODUCTION

Tetra Tech, Inc. was authorized by the Los Angeles County Metropolitan Transportation Authority (LACMTA), on October 30, 2012 under contract number PS136510023, to conduct a Phase II Environmental Site Assessment (ESA) of the properties referenced as the Crenshaw/Rodeo Properties (CRP), Parcel Numbers CR-4503, CR-4504, CR-4505 and CR-4506 located at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California. On behalf of the LACMTA, Tetra Tech has prepared this Phase II ESA report for Parcel Number CR-4504 based on data gathered during onsite investigation that was performed as per the work plan that was approved by LACMTA prior to site mobilization. The general location of the Site is shown on Figure 1.

The sampling locations shown in Figures 2 and 3 were sampled by Tetra Tech based on the results of the Phase I ESA that was conducted on the CRP as reported on the Phase I ESA Report dated June 12, 2012 [Tetra Tech, 2012]. In the Phase I ESA report, Tetra Tech identified several recognized environmental conditions (RECs) on the CRP and several potential environmental concerns (PECs) on adjacent properties that warranted further site investigation. The RECs included: 1) a gasoline service station located in the western (and later southwestern) portions of the CRP from approximately 1947 to 1981; 2) an automotive repair garage in the northeast portion of the CRP in the late 1940's; and 3) a carwash in the southeast portion of the CRP in the 1960's. The PECs included: 1) Shell Oil Company gasoline service station located off-Site across Crenshaw Boulevard; and 2) a dry cleaner (Cameo Cleaners) located to the southeast across Rodeo Road. The purpose of the Phase II ESA is to determine if the RECs and PECs have adversely impacted the CRP.

The scope of work consisted performed on Parcel CR-4504 of advancing 5 Geoprobe® boring locations; installation of soil gas probes; the collection of soil and soil gas samples; and grab sampling of groundwater using Hydropunch® methodology for the purpose of conducting a Phase II ESA. Collected samples from the Phase II ESA activities were transported to Positive Lab Service (PLS), a certified laboratory for analysis using applicable U.S. Environmental Protection Agency (EPA) Methods with the exception of soil gas samples that were analyzed onsite by a mobile laboratory also from PLS for the first set of samples collected on November 1, 2012 and by a mobile laboratory from Baseline Analytical Services for the second set of samples collected on December 12, 2012.

This Phase II ESA Report was prepared based on results of the investigation and Tetra Tech's interpretation of such results as well as information obtained from various communications with LACMTA representatives throughout the project duration.

2. PROJECT BACKGROUND

Site Description

The Site is located on the parcels of land bounded on the north by Exposition Boulevard, on the east by South Bronson Avenue, on the south by Rodeo Road, and on the west by Crenshaw Boulevard in Los Angeles, California. The property with the LACMTA designation of Parcel Number CR-4504 with street address of 3630 Crenshaw Boulevard (referred hereafter as the Site) is occupied by Earlez Grille Chili Factory restaurant. According to information on file at the Los Angeles County Assessor's office, the Site is identified as Assessor's Parcel Number (APN) and Tetra Tech understands that the property is now owned by LACMTA.

The building occupied by Earlez Grille Chili Factory is approximately 3,495 square feet in size and was constructed in 1968. Earlez Grille Chili Factory consisted of an ordering/seating area, cooking/preparation area, and dish/equipment washing area. The restaurant had refrigerators and freezers for the storage of food products. An exterior storage area was located in the parking area of the east of the building occupied by the restaurant. The storage area was observed to be used to store spare equipment including propane cylinders. A container used to store used cooking oil/grease was located near to exterior storage area located southeast of the existing restaurant building.

The remainder of the Site outside the building footprint is improved with asphalt-paved parking, concrete walkways, and landscaping. No areas of stressed vegetation were observed. No areas of surficial staining were observed except for minor oily-appearing staining from parked vehicles.

Historical Land Usage

According to the historical records reviewed, the Site was undeveloped or vacant from at least 1900 to at least 1947. A gasoline service station was located on-Site from approximately 1947 to 1981 (additional information below). The existing building has been used by either the same tenants since construction or have been used for similar purposes as the current uses since construction.

A gasoline service station was located in the Site from at least 1948 to at least 1965, and relocated to the adjacent parce (Parcel 5044-002-006) with a different building and configuration by at least 1969 until 1981. A LAFD permit for the operation of an auto fueling station under the name Crenshaw Rodeo Gulf at 3630 Crenshaw Boulevard was issued in June 1969. Two 10,000-gallon USTs and one 8,000-gallon UST were removed from Site and the adjacent parcel in March 1981. There was no record of formal closure of the USTs by the LAFD (e.g., UST removal report including sampling and analysis of soil samples). No closure letters or no further action letters were found in the LAFD records reviewed with respect to removal of the USTs.

Historical use of the Site as a gasoline service station from 1948 to 1981 is considered to be a recognized environmental condition (REC) to the Site.

Phase I ESA Summary

Tetra Tech performed a Phase I ESA consistent with the scope and limitations of ASTM Standard Practice E1527-05 on the Site and submitted a Phase I ESA report dated June 12, 2012. The Phase I ESA assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the Site except for the following:

- Historical use of the Site as a gasoline service station from 1948 to 1981, a repair garage located east of the Site and a car wash located southwest of the Site are considered to be RECs to the Site.

- No historical recognized environmental conditions (HRECs) or business environmental risks (BERs) have been found in connection with the Site.

- The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site.

- The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site.

The Phase I ESA also reported that the Shell station and Cameo Cleaners are hazardous waste release sites, the former for petroleum fuel hydrocarbons and the latter for chlorinated solvents (specifically tetrachloroethene, PCE). The on-site gasoline service station included repair bays and dispensed various grades of gasoline. In addition, waste oils were stored at the station in waste oil underground storage tanks (USTs). At least seven USTs (five for gasoline products and two for waste oils) were installed on the Site and adjacent parcels, and later removed without sampling and without formal closure of the USTs by the Los Angeles Fire Department (LAFD). LAFD closure typically required submittal of a UST removal report with analytical soil sampling results.

The groundwater flow direction appears to be to the northwest, based on our review of the water table contour map in a December 2010 groundwater monitoring report for December 2010 prepared by Bowyer Environmental Consultants, dated February 2, 2011.

In addition to the Bowyer Environmental Consultants groundwater monitoring report, Tetra Tech reviewed URS's second quarter 2011 groundwater monitoring report, submitted to Shell Oil Products in July 15, 2011. The URS report indicated that monitoring well MW-4, located west of the Site on Crenshaw Boulevard was found to contain elevated concentrations of BTEX and TPH-gasoline. The same report shows that the groundwater flow direction appears to be to the southeast, as shown in Figures 2 and 3 of the said URS report.

The Phase I ESA report recommended the following:

- A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered as an REC,

and adjacent properties considered as a PECs to the Site, have adversely impacted the Site.

- During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

Based on the above recommendations, LACMTA has authorized Tetra Tech to perform this Phase II ESA at the Site.

3. FIELD INVESTIGATION

The Scope of Work for the Phase II ESA at the Site included advancement and sampling (soil and one grab groundwater) of 5 Geoprobe® direct push soil borings, completion of 3 borings as nested vapor probes, soil gas sampling from the nested vapor probes, analytical testing, data interpretation, and report preparation to document the work and provide results. The sampling locations are shown in Figures 2 and 3. The sampling locations have been selected to be in and around the identified onsite PECs and REC's identified in the Phase I ESA report. Tetra Tech obtained a Dig Alert number for the Site prior to drilling (Notification number #A23041203 and #A23450695) and drilling permits for the Hydropunch locations were obtained after the site investigation was completed. A copy of the Hydropunch permit and the Dig Alert Notification is included in Appendix A. Tetra Tech subcontractor, Pacific Coast Locators (PCL) performed underground utility clearance at each boring location prior to drilling. PCL used a magnetometer and GPR in an attempt to locate any existing USTs and the most probable locations of the removed USTs within the Site. Some of the sampling locations were moved based on the results of the geophysical survey and varied slightly from what was proposed in the approved work plan for the project.

Work Plan and Health and Safety Plan

The Phase II ESA work plan was prepared to describe the specifics of the field investigation, analytical testing program, and data interpretation criteria. The work plan included a field sampling plan that describes each sampling location, what sample(s) will be collected, what chemicals they will be analyzed for, and the justification for collecting each sample and sample type. LACMTA approved the Phase II ESA Work Plan which was prepared for all parcels within the Crenshaw Rodeo properties prior to mobilization.

A health and safety plan (HASP) was also prepared prior to site mobilization. The health and safety plan discussed potential chemicals of concern, physical and biological job hazards associated with the proposed investigation; field monitoring equipment; action limits; personal protective equipment (PPE); work zone delineation and decontamination; emergency plan and hospital direction; medical surveillance; and tailgate safety meetings. The HASP provided details on health and safety procedures that will be followed to ensure a safe work environment. The HASP was made available at all times during the field operations. All Tetra Tech personnel and subcontractors assigned to the project complied with the requirements of the HASP. LACMTA approved the HASP which was prepared for all parcels within the Crenshaw Rodeo properties prior to mobilization.

Field Preparation and Geophysical Clearance

Field preparation and geophysical utility clearance included: 1) notifying Underground Service Alert (USA) Dig Alert and securing a Dig Alert number for the Site (#A23041203); 2) conducting a surface geophysical survey of the western and southern portion of the Site in an attempt to identify the former UST areas; and 3) for all boring locations, "clearing" (i.e., attempting to identify buried utilities and other subsurface obstructions within a 5-foot by 5-foot area around each boring) each boring using several types of surface geophysical instruments

including magnetometers, electromagnetic conductance meters, and ground penetrating radar (GPR) to identify any subsurface utilities and anomalies.

The proposed boring locations were clearly marked with white paint. Underground Services Alert (USA) was notified of the intent to conduct subsurface investigation. USA contacted all utility owners of record within the Site vicinity and notified them of the intention to conduct subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface in the public right-of-way adjoining the Sites. Several of the utility owners or their representatives contacted the Tetra Tech Project Manager and informed him of potential conflicts and reminders. The Tetra Tech Project Manager also called on utility owner representative identified in the Dig Alert Notification when their markings were not observed on Site prior to geophysical clearance by PCL and drilling operations. Dig Alert usually identifies all buried utilities in public and accessible areas, but not on properties. Since the Site is mostly open to the public and used as parking areas the representative of notified utility companies marked the location of their lines within the Site limits. A private geophysical surveying firm (PCL) was retained by Tetra Tech to perform geophysical surveys prior to start of drilling operations. After the utility clearance was completed, the drillers initiated their drilling activities.

PCL also used a magnetometer and GPR to locate potential buried underground storage tanks (USTs) since the Phase I ESA report indicated that there were USTs onsite that were not documented as removed. The subsurface investigation did not find any buried UST nor any signs of disturbed subsurface soil at the Site.

Drilling, Soil and Grab Groundwater Sampling, and Nested Vapor Probe Installation

During the first mobilization on November 1, 2012, a Bobcat mounted Geoprobe® drilling rig equipped for direct push drilling from Millennium Environmental, Inc. (MEI) was used to advance 4 soil boring (CR-4504-1 through -4), after it is cleared to 2.5 feet below grade surface (bgs) using hand augers. During the second mobilization in December 12, 2012, a truck mounted Geoprobe® drilling rig from MEI was used to drill CR-4504-5. The drilling method involves advancement of small-diameter (2.25-inch) steel drive casing and retrieval of continuous core inside a clear acetate tube. Soil samples were collected for analytical testing at discrete sampling intervals to groundwater, which was encountered at approximately 15 feet bgs. Borings that were not to be completed as vapor probes were properly abandoned after sampling, using hydrolyzed bentonite and capped properly with cold patch asphalt to match the existing site condition.

The second mobilization in December 2012 was authorized by LACMTA based on the recommendation from Tetra Tech. This was requested based on the analytical results and field observations during the first mobilization in November 2012. The objective of the second mobilization was to assess if the contamination observed in CR-4504-1 was limited to that area or could be found to the north towards the existing onsite building.

Soil sample identification was standardized such that the first six characters (CR-4504) indicated the property where the sample was collected. Following the second dash is the chronological

boring number. Finally, the depth at which the sample was collected follows the third dash. Hence, Sample ID **CR-4504-2-2.5** was collected from boring number 2, and at a depth of 2.5 feet bgs. Note that boring numbers were pre-assigned and do not necessarily reflect the order in which the borings were drilled.

One of the borings was advanced into groundwater (soil sampling location CR-4504-2) and a grab groundwater sample (CR-4504-HP1) was retrieved using a Hydropunch® sampler since the field conditions showed the potential groundwater contamination (elevated PID readings, and strong fuel odor in the capillary fringe soil sample).

All sampling locations are shown in Figures 2 and 3. To minimize impact of the field investigation activities to the existing business occupant, LACMTA entered into an agreement with the property owner and tenant that the field team was only allowed to be onsite prior to opening (10 AM) and after closing (9 PM) if the boring locations are within parking spots that are used by restaurant patrons. The sampling locations within the enclosed parking area (CR-4504-3 and -4) were drilled during non-peak hours (after 2PM) with prior coordination with the business owner.

The soil analytical testing program included full-range total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and Title 22 metals (shallow samples only) using appropriate U.S. Environmental Protection Agency (EPA) test methods. These include EPA Method 8015(B)(Modified) for TPH (carbon chain – C_4-C_{44}) for gasoline-, diesel-, and oil-range hydrocarbons; EPA Method 8260B for VOCs; and EPA Method 6010B and EPA Method 7471A for Title 22 metals. The groundwater analytical testing program included full-range TPH (carbon chain C_4-C_{44}) by EPA Method 8015(B)(Modified) and VOCs including oxygenates by EPA Method 8260B.

After soil sampling was completed, three of the borings was completed as nested soil gas probes with probe tip depths of 7.5 and 15 feet bgs (CR-4504-1 and -5) or 7.5 and 13 feet bgs (CR-4504-3. Temporary soil gas vapor probes and Nylaflow tubing were used, and the nested soil gas probes were properly abandoned after soil gas sample collection. All soil gas sampling locations were capped with cold patch asphalt to match the existing/surrounding pavement.

Site lithology was logged and reported in the boring logs that are included in Appendix A. The boring logs also include the depth of the samples collected and the well diagram for the Hydropunch and nested soil gas probes.

All soil and groundwater samples were sent to Positive Lab Service (PLS), a laboratory accredited under the California Department of Health Environmental Laboratory Accreditation Program (ELAP) under certificate numbers 1131 for analytical methods required by the Phase II ESA.

All investigation derived wastes (IDW) were managed and disposed of according to federal, state, and local regulations. A DOT-approved drum was used to contain IDW wastes and was temporarily stored at the adjacent parcel CR-4506 during the first mobilization in November, another drum that was used to store IDW during the second mobilization in December was

stored onsite at the enclosed parking area while processing the related disposal documentations (see photo on Appendix C). All IDW drums left onsite were properly labeled and locked. All drums containing IDW was hauled off as non-hazardous waste by Belshire Environmental Services, Inc. to Soil Safe of California in Adelanto,CA for thermal desorption. The lab results for the soil samples were used as the profile samples that determined its nature as non-hazardous. A copy of the non-hazardous manifest used to haul off the IDW soil drums is included in Appendix A. A certificate of recycling will be provided by Soil Safe and will be transmitted to LACMTA by Tetra Tech upon receipt.

Soil Gas Survey

Soil gas survey was performed using temporary nested vapor probes installed in 3 of the Geoprobe® borings (soil sampling locations CR-4504-1, -3, and -5). The soil gas survey conformed to the guidelines in California Department of Toxic Substances Control (DTSC) Advisory for Active Soil Gas Surveys, dated April 2012 [DTSC, 2012].

The rods were pushed down from the ground surface using a hydraulic hammer to the maximum sample depth of 15 feet bgs. A gas-permeable filter (aquarium bubbler) connected to 1/8-inch diameter Nylaflow tubing was lowered to just above the bottom through the inside of the drive rods (CR-4504-1 and -5) or the hole was backfilled with hydrolyzed bentonite to the target depth (CR-4504-3) and backfilled (gravity fed) with approximately 1 foot of Monterey Sand filter pack, then the top was capped with bentonite and hydrated with water up to the next sample depth of 7.5 feet bgs. The shallow soil gas probe was then installed in the same way, and the borehole was sealed to the surface with hydrated bentonite. The drive rods were pulled up slowly while the probes were set to ensure that there was no caving. At the surface, the ends of the two probe tubes sealed with caps and labeled accordingly. The probes were sealed at the surface with hydrated granular bentonite and allowed to equilibrate/stabilize before sampling. The April 2012 Advisory Soil Gas Investigation recommended two hours of equilibration time prior to soil gas sampling [DTSC, 2012]. The soil gas probe at CR-4504-1 and -3 were installed on November 1, 2012 beginning at about 8:30 AM and sampling was initiated around 12:30 PM. The soil gas probes at CR-4504-5 were installed on December 11, 2012 and soil gas samples were collected on December 12, 2012. After the nested soil gas probes were installed at CR-4504-5, the bore hole was covered with a metal cover and sealed with cold patch asphalt to minimize the impact of the field investigation activities to the existing businesses at the Site.

Isopropanol which is one of the tracer compounds listed in the April 2012 guidance document [DTSC, 2012], was used as the tracer gas to detect potential ambient air intrusion into soil gas samples during soil gas sampling at each probe. A cloth saturated with Isopropanol was placed at the ground surface collar of the gas probes and near the sampling assembly during purging and sampling, and the samples were analyzed for the tracer compound (see photo on Appendix C).

A purge volume test was conducted on the first day at the first sampling location at the Site (CR-4504-1-7). During the purge volume test samples were collected following one, three, and ten system-volume purges. The resulting analytical data was examined by the project engineer and the purge volume for the remaining locations was selected based on the sample containing the highest concentrations of target analytes which was determined as ten purge volumes (10P).

However, due to pressure issues during sampling of the deeper probes at CR-4504-1-15 and CR-4504-3-13, only one purge volume was removed from the system prior to soil gas sample collection.

Soil vapor was withdrawn from the end of the inert tubing that runs from the sampling tip to the surface using a 60 milliliter (ml) syringe connected to the tubing via a 3-way valve. The probe tip and sampling tubing was purged based on the optimum purge volume as described above. A sample of in-situ soil vapor was then withdrawn and immediately transferred to the mobile lab for analysis. The samples were analyzed within 30 minutes from the time of collection. The use of small calibrated syringes allowed for careful monitoring of purge and sample volumes. This procedure ensured that an adequate sample flow was obtained without excessive pumping of air or introduction of surface air into the samples.

Purging and sampling was timed so that the flow rate does not exceed 200 milliliters per minute (ml/min). This was accomplished by withdrawing the plunger on the syringe at a constant rate for 20 seconds. The sample collector noted the collection time and the volume of sample collected on a log sheet. The log sheet is attached to the lab report in Appendix B. The onsite soil gas sample collection and analysis was performed by the chemist from PLS. PLS is accredited under the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP) certification number 2354.

One duplicate soil gas sample was collected per day of sampling and analyzed for QA/QC purposes in the same manner as described above.

Decontamination

All equipment that comes into contact with potentially contaminated soil was decontaminated consistently to assure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated, but were packaged for appropriate disposal. Decontamination occurred prior to and after each use of a piece of equipment. All drilling and sampling devices used were decontaminated in a pre-designated area using the following procedures:

1. Non-phosphate detergent and tap water wash, using a brush if necessary;
2. Tap water rinse;
3. Initial de-ionized/distilled water rinse; and
4. Final de-ionized/distilled water rinse.

Sampling equipment was decontaminated by methods consistent with the equipment's use. Nitrile or latex surgical gloves were worn during handling and assembly of the sampling apparatus.

Site Restoration

After the completion of sampling, all soil gas probes and temporary PVC pipes used in collecting grab groundwater samples were removed. The boreholes were backfilled with bentonite chips

and hydrated. All boring locations were patched flush with the original surface and covered with cold patch asphalt to match the current surface (see related photo in Appendix C).

4. INVESTIGATION RESULTS

Soil Sampling Results

A total of 14 soil samples were collected from CR-4504. Of these samples, 14 were analyzed for Total Petroleum Hydrocarbons – Carbon Chain (TPH-CC) by EPA Method 8015(B) modified; 7 were analyzed for Volatile Organic Compounds including oxygenates (VOCs) by EPA Method 8260B; and 5 were analyzed for Title 22 Metals by EPA Method 6010B and EPA Method 7471A.

The highest TPH-gasoline (C_4-C_{12}) concentration of 391 milligrams per kilogram (mg/kg) was reported on soil sample CR-4504-5-15 which was collected south of Earlez Grille building at a depth of 15 feet. Elevated TPH-gasoline concentration was also reported on soil sample CR-4504-1-15 (140 mg/kg). Elevated PID readings and strong fuel odor were observed in these samples during the sampling operations. A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

The highest TPH-diesel and heavy oil (C_{13}-C_{44}) concentration of 397.2 mg/kg was reported on soil sample CR-4504-5-2.5. Elevated PID readings and slight fuel odor were observed in this soil samples during the sampling operations. A summary of the analytical results is shown in Figure 3 and analytical lab reports are included in Appendix B.

Elevated concentration of VOCs associated with hydrocarbon fuels were reported on soil samples collected in the western portion of the Site (CR-4504-1 and -5 at various depths) which coincides with the fact that the gasoline retail station was located in this area as reported in the Phase I ESA [Tetra Tech, 2012]. These VOCs include Benzene, Ethylbenzene, Toluene, various isomers of Xylene, Isopropylbenzene, n-Propylbenzene, sec-Butylbenzene, n-Butylbenzene, Naphthalene, 1,3,5-Trimethylbenzene, and 1,2,4-Trimethylbenzene. Benzene, Toluene, Ethylbenzene and Xylenes were also reported in the soil sample collected at 10feet bgs at the eastern section of the Site (CR-4504-3-10). The concentration of VOCs reported for these soil samples were below the carcinogenic and non-carcinogenic Regional Screening Levels (Carcinogenic and non-carcinogenic RSL) for Commercial/Industrial setting as published in EPA, [2012]. A summary of the analytical results is shown in Figure 3 and analytical lab reports are included in Appendix B.

Metals were reported on all soil samples collected at shallow depths (2.5feet bgs). However, these concentrations were below the Total Threshold Limit Concentration (TTLC) and below ten times the Soluble Threshold Limit Concentration (STLC) limits for individual metals with the exception of total Lead concentration collected from CR-4504-2 (73.5 mg/kg). The sample was requested to be extracted by STLC and the leachate was analyzed for total lead, the reported concentration of soluble lead (1.33 mg/L) is below the California Hazardous threshold of 5 mg/L and therefore is considered non-hazardous.

Groundwater Sampling Results

One grab groundwater sample was collected at the boring location south of Earlez Grille building (CR-4504-2) using Hydropunch™ methodology. The perforated PVC screen was installed at 15feet to 18feet. The groundwater level was measured at 14.8feet before sampling. The sample was collected into certified clean containers provided by PSL. The 40ml vials for VOC and TPH-gasoline analysis contained hydrochloric acid preservative. The sample containers were labeled as CR-4504-2-HP1 and were sent to PSL for VOC and TPH-CC analysis.

All analytes were reported non-detect (ND) on the grab groundwater sample. A summary of the analytical results are shown in Figure 2 and analytical lab reports are included in Appendix B.

Soil Gas Sampling Results

Four soil gas samples were collected at boring location CR-4504-1 located south of the Earlez Grille building as shown in Figure 2. One of the samples was collected at 7 feet bgs (CR-4504-1-7) which is 5feet below the deepest hand augered depth as per the DTSC, 2012 Advisory Active Soil Gas Investigations [DTSC, 2012]. The second sample was collected at 15feet bgs (CR-4504-12-15). 10 purge volumes were used based on the results of the soil gas sampling conducted on this location since the highest concentration of VOCs were reported at this purge volume (Benzene at 5.71 µg/L, Ethylbenzene at 0.258 µg/L, m,p-Xylenes at 0.204 µg/L and Cyclohexane at 204 µg/L). Benzene, Ethylbenzene, and Xylenes were reported in the most of the samples collected at CR-4504-1. Cyclohexane, a VOC that is also associated with hydrocarbon fuels and has been found in former gasoline station sites was also detected in all samples.

Benzene at a very low concentration was reported in the soil gas sample collected at CR-4504-3-13.

Benzene, Ethylbenzene, Toluene, various isomers of Xylene, Cyclohexane, Isopropylbenzene, n-Propylbenzene, 1,3,5-Trimethylbenzene, and 1,2,4-Trimethylbenzene were reported in the soil gas sample collected at CR-4504-5-15.

All VOCs that were reported on all soil gas samples collected are all associated with hydrocarbon fuels that coincide with the Phase I ESA report that a gasoline retail station was previously onsite. A summary of the analytical results are shown in Figure 2 and analytical lab reports are included in Appendix B.

5. CONCLUSIONS and RECOMMENDATIONS

Further subsurface investigation is recommended to determine the limits of the TPH and VOC contamination identified in samples collected from the western portion of the Site where a gas station was formerly located (and related subgrade structures such as USTs and piping systems). Such supplemental investigation can be performed after the existing onsite building is demolished to minimize impact on the existing business operations. The results of the supplemental site investigation will determine viable remediation options for removal of contamination onsite.

Based on the available information Tetra Tech estimates that the volume of non-hazardous contaminated soil that may need to be removed at Parcel Number CR-4504 is approximately 1,700 cubic yards or roughly 2,500 tons. At current market rates for excavation, transportation and thermal desorption, this will cost approximately $300,000.00 to remediate, including oversight and the preparation of a work plan, site specific health and safety plan, and a post removal action report by a consultant such as Tetra Tech.

6. REFERENCES

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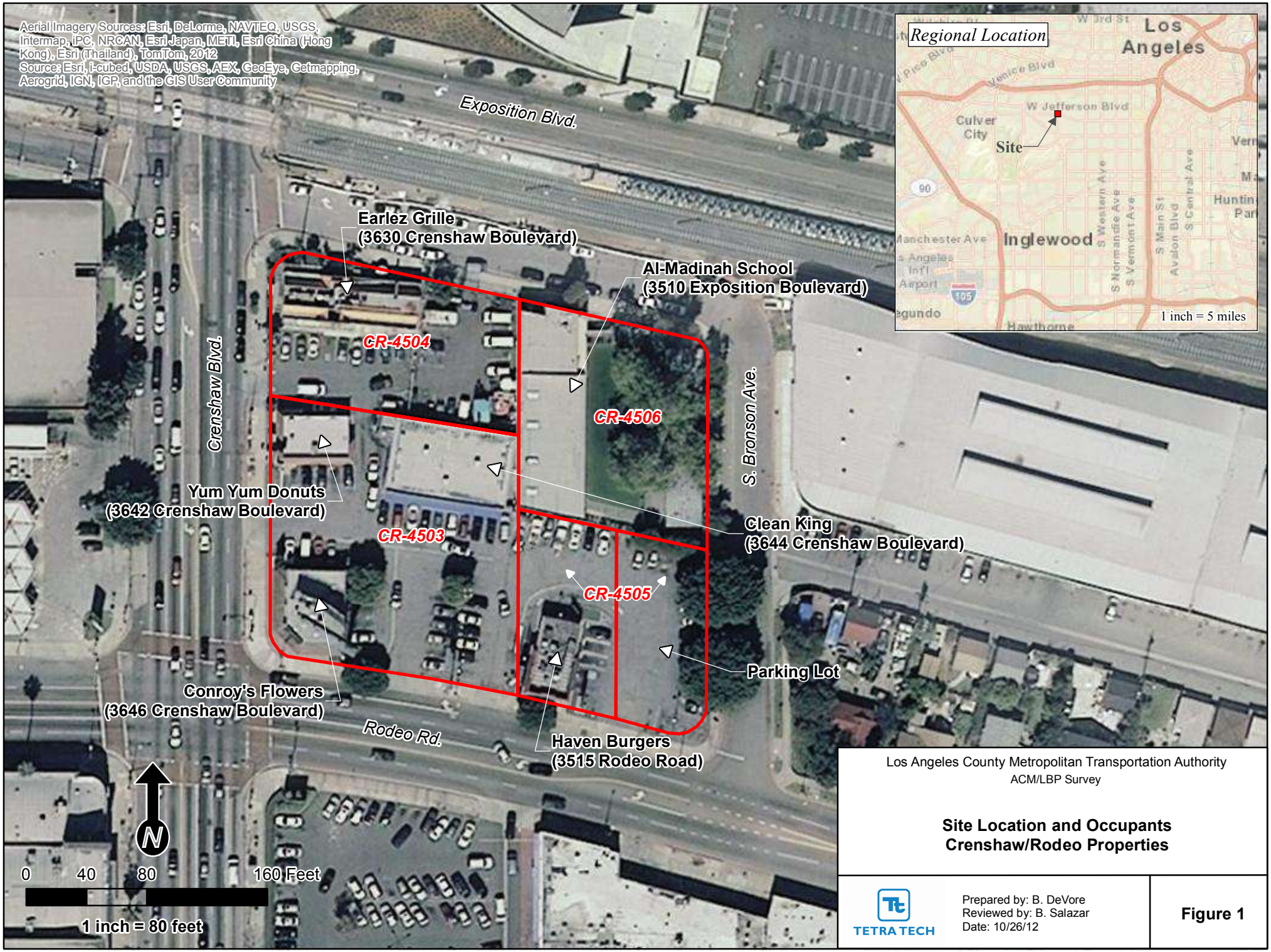
Figures



Los Angeles County Metropolitan Transportation Authority
ACM/LBP Survey

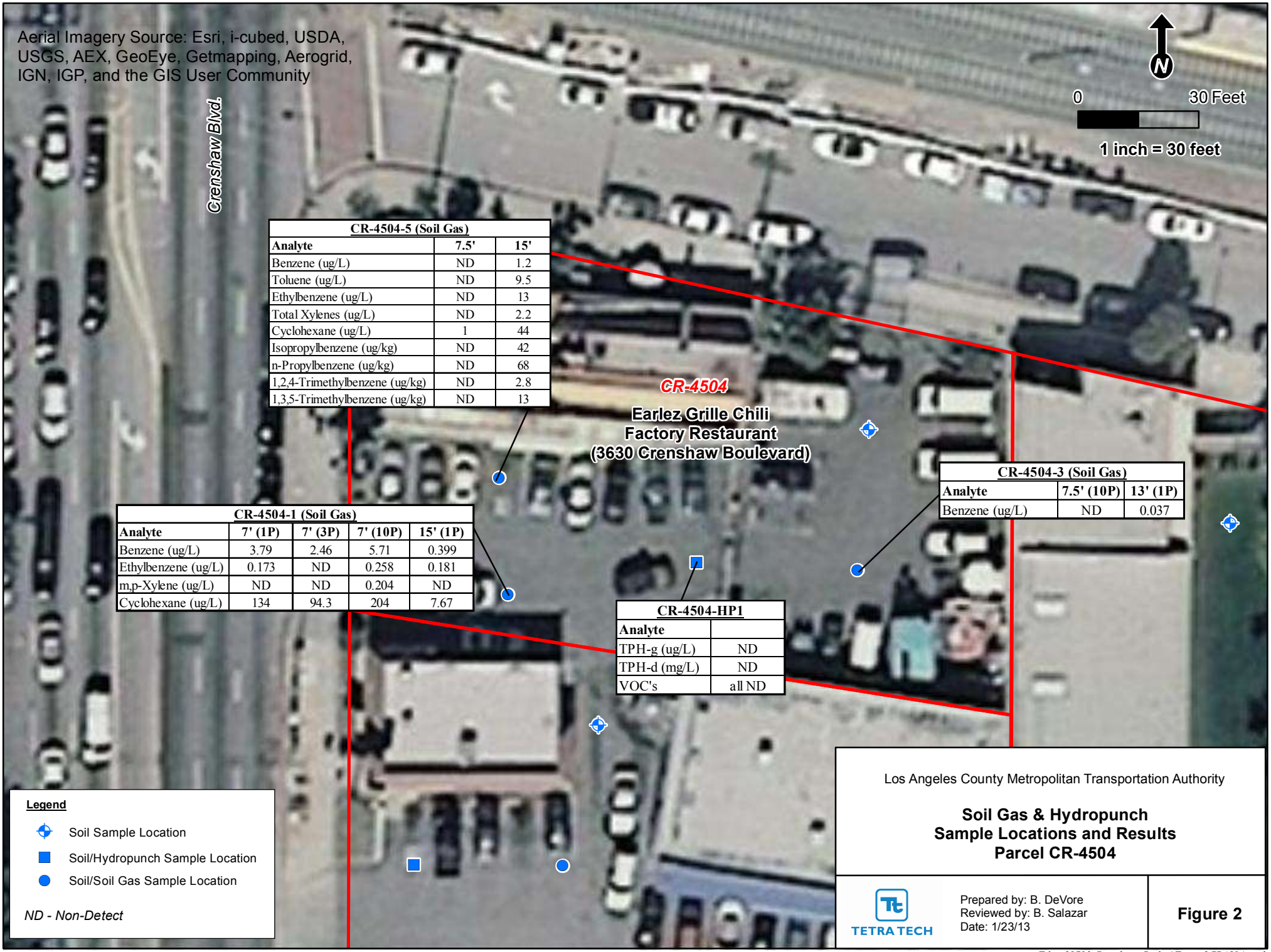
Site Location and Occupants
Crenshaw/Rodeo Properties

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 10/26/12

Figure 1

File: 28793 Crenshaw_Rodeo\SiteLocation.mxd



CR-4504-5 (Soil Gas)		
Analyte	**7.5'**	**15'**
Benzene (ug/L)	ND	1.2
Toluene (ug/L)	ND	9.5
Ethylbenzene (ug/L)	ND	13
Total Xylenes (ug/L)	ND	2.2
Cyclohexane (ug/L)	1	44
Isopropylbenzene (ug/kg)	ND	42
n-Propylbenzene (ug/kg)	ND	68
1,2,4-Trimethylbenzene (ug/kg)	ND	2.8
1,3,5-Trimethylbenzene (ug/kg)	ND	13

CR-4504-1 (Soil Gas)				
Analyte	**7' (1P)**	**7' (3P)**	**7' (10P)**	**15' (1P)**
Benzene (ug/L)	3.79	2.46	5.71	0.399
Ethylbenzene (ug/L)	0.173	ND	0.258	0.181
m,p-Xylene (ug/L)	ND	ND	0.204	ND
Cyclohexane (ug/L)	134	94.3	204	7.67

CR-4504-3 (Soil Gas)		
Analyte	**7.5' (10P)**	**13' (1P)**
Benzene (ug/L)	ND	0.037

CR-4504-HP1	
Analyte	
TPH-g (ug/L)	ND
TPH-d (mg/L)	ND
VOC's	all ND

Los Angeles County Metropolitan Transportation Authority

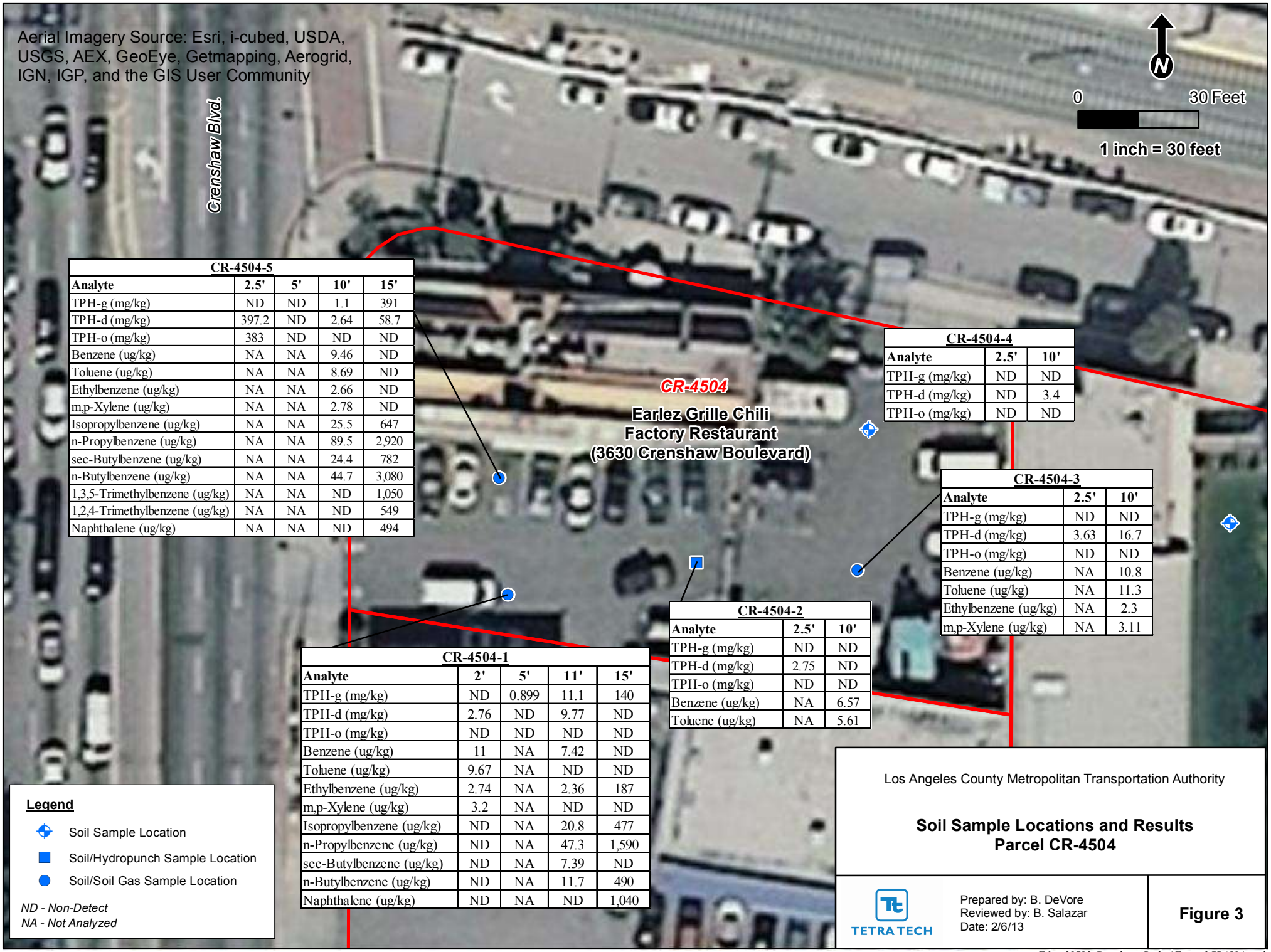
Soil Gas & Hydropunch Sample Locations and Results Parcel CR-4504

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 1/23/13

Figure 2

File: 28793 Crenshaw_Rodeo\Figure2CR4504.mxd



CR-4504-5

Analyte	2.5'	5'	10'	15'
TPH-g (mg/kg)	ND	ND	1.1	391
TPH-d (mg/kg)	397.2	ND	2.64	58.7
TPH-o (mg/kg)	383	ND	ND	ND
Benzene (ug/kg)	NA	NA	9.46	ND
Toluene (ug/kg)	NA	NA	8.69	ND
Ethylbenzene (ug/kg)	NA	NA	2.66	ND
m,p-Xylene (ug/kg)	NA	NA	2.78	ND
Isopropylbenzene (ug/kg)	NA	NA	25.5	647
n-Propylbenzene (ug/kg)	NA	NA	89.5	2,920
sec-Butylbenzene (ug/kg)	NA	NA	24.4	782
n-Butylbenzene (ug/kg)	NA	NA	44.7	3,080
1,3,5-Trimethylbenzene (ug/kg)	NA	NA	ND	1,050
1,2,4-Trimethylbenzene (ug/kg)	NA	NA	ND	549
Naphthalene (ug/kg)	NA	NA	ND	494

CR-4504-4

Analyte	2.5'	10'
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	ND	3.4
TPH-o (mg/kg)	ND	ND

CR-4504-3

Analyte	2.5'	10'
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	3.63	16.7
TPH-o (mg/kg)	ND	ND
Benzene (ug/kg)	NA	10.8
Toluene (ug/kg)	NA	11.3
Ethylbenzene (ug/kg)	NA	2.3
m,p-Xylene (ug/kg)	NA	3.11

CR-4504-2

Analyte	2.5'	10'
TPH-g (mg/kg)	ND	ND
TPH-d (mg/kg)	2.75	ND
TPH-o (mg/kg)	ND	ND
Benzene (ug/kg)	NA	6.57
Toluene (ug/kg)	NA	5.61

CR-4504-1

Analyte	2'	5'	11'	15'
TPH-g (mg/kg)	ND	0.899	11.1	140
TPH-d (mg/kg)	2.76	ND	9.77	ND
TPH-o (mg/kg)	ND	ND	ND	ND
Benzene (ug/kg)	11	NA	7.42	ND
Toluene (ug/kg)	9.67	NA	ND	ND
Ethylbenzene (ug/kg)	2.74	NA	2.36	187
m,p-Xylene (ug/kg)	3.2	NA	ND	ND
Isopropylbenzene (ug/kg)	ND	NA	20.8	477
n-Propylbenzene (ug/kg)	ND	NA	47.3	1,590
sec-Butylbenzene (ug/kg)	ND	NA	7.39	ND
n-Butylbenzene (ug/kg)	ND	NA	11.7	490
Naphthalene (ug/kg)	ND	NA	ND	1,040

Legend

- Soil Sample Location
- Soil/Hydropunch Sample Location
- Soil/Soil Gas Sample Location

ND - Non-Detect
NA - Not Analyzed

Los Angeles County Metropolitan Transportation Authority

Soil Sample Locations and Results
Parcel CR-4504

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 2/6/13

Figure 3

File: 28793 Crenshaw_Rodeo\Figure3CR4504.mxd

Appendix A – Permits, Notifications, Borelogs, IDW Manifest

ENVIRONMENTAL HEALTH

Drinking Water Program

COUNTY OF LOS ANGELES
Public Health

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

Well Permit Approval

TO BE COMPLETED BY APPLICANT:

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
3642/3630 GLENSHAW BLVD.	LOS ANGELES	90016	berwyn.salazar@tetratech.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- THIS WELL PERMIT APPROVAL IS LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- ALL FIELD WORK MUST BE CONDUCTED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF CALIFORNIA.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- **NOTIFY THE DRINKING WATER PROGRAM BY EMAIL 3 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.**

blarsen@ph.lacounty.gov

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

☐ WORK PLAN INCOMPLETE; SUBMIT THE FOLLOWING:

☒ WORK PLAN APPROVED DATE: 1/2/13

Los Angeles County Drinking Water stamp

ADDITIONAL APPROVAL CONDITIONS:

On 12/21/12 $260.00 was received for permit # 89257 02 For 2 CPT/Hydropunch/Soil Borings in to groundwater. Follow the work plan submitted. Observe the setbacks. Surface completion must meet current conditions

REGISTERED ENVIRONMENTAL HEALTH SPECIALIST — COUNTY OF LOS ANGELES — CALIFORNIA

R.E.H.S. NO: 5838

☐ ANNULAR SEAL FINAL INSPECTION REQUIRED		☐ WELL COMPLETION LOG REQUIRED	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature
☐ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED		☐ WATER QUALITY—CHEMICAL STANDARDS REQUIRED	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature
☐ WATER SUPPLY YIELD REQUIRED		☐ OTHER REQUIREMENT	
DATE ACCEPTED:	REHS signature	DATE ACCEPTED:	REHS signature

Salazar, Berwyn

From: noreply@digalert.org
Sent: Monday, December 10, 2012 11:58 AM
To: Salazar, Berwyn
Subject: USAS EMLCFM 2012/12/10 #00694A A23450695-00A NORM UPDT

EMLCFM 00694A USAS 12/10/12 11:57:41 A23450695-00A NORM UPDT GRID

Thank you for calling Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert. For your safety, please respect and protect the marks, and excavate carefully around the marked utility lines.

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY BACK TO THIS EMAIL.

Ticket : A23450695 Date: 12/10/12 Time: 11:55 Oper: LMC Chan: 100
Old Tkt: A23041203 Date: 10/30/12 Time: 17:58 Oper: LLF Revision: 00A

Company: MILLENIUM ENVIRONMENTAL Caller: BERWYN SALAZAR - TETRA TECH
Co Addr: 2936 E CORONADO ST
City&St: ANAHEIM, CA Zip: 92806
Phone: 818-445-7677 Ext: FIELD Call back: ANYTIME
Formn: BERWYN Phone: 626-470-2836 Ext: OFFIC
Email: BERWYN.SALAZAR@TETRATECH.COM

State: CA County: LOS ANGELES Place: LOS ANGELES
Delineated: N
Address: Street:CRENSHAW BLVD
X/ST 1 : RODEO RD
MPM 1: MPM 2:
Locat: 3630, 3642, 3644, 3646 CRENSHAW BLVD, CALLER STATES ADDRESSES ARE LOC
: BTWN RODEO RD AND EXPOSITION PL; 3515 RODEO RD, CALLER STATES ADDRESS IS
: LOC BTWN S BRONSON AVE AND CRENSHAW BLVD; 3510 EXPOSITION PL, X/ST S
: BRONSON AVE, ADDRESS LOC ON (MOST NORTHERLY) EXPOSITION PL, (CALLER
: STATES UNNAMED ST SHOWN ON TG MAP AT APPROX 222FT E/OF INTER/OF RODEO RD
: AND CRENSHAW BLVD DOES NOT EXIST ON SITE **AREA WILL BE DELINEATED
: TOMORROW MORNING 10/31 WITH WHITE PAINT**

Excav Enters Into St/Sidewalk: N

Grids: 0673E0124
Lat/Long : 34.022882/-118.335526 34.022520/-118.333215
: 34.021148/-118.335797 34.020786/-118.333486
Caller GPS:

Boring: Y Explosives: N Vacuum: N
Re-Mark: N

Work : SOIL AND SOIL GAS SAMPLING (16 SAMPLING LOCATIONS) FOR ENVIRONMENTAL INVESTIGA
Wkend: N Night: N
Work date: 12/10/12 Time: 11:57 Priority: 2
Instruct : WORK CONTINUING Permit: NOT REQUIRED
Done for : MTA

Tkt Exp: 01/07/13

COMMENTS

REF EXP TICKET A023041203, UPDATE ONLY-WORK CONT PER BERWYN SALIZAR--[LMC 12/10/12 11:57]

Mbrs :

ATTDSOUTH AT&T DISTRIBUTION - PHONE	SBC DAMAGE PREVENTION HO	510-645-2929
CITYLA C/OF LA-STREET LIGHTING	FRONT OFFICE STAFF	323-913-4744
LACMTALAX LACMTA LAX/CRENSHAW - ELEC	HANK SCHEETZ	323-903-4120
LAWP3 LADWP-JOINT LOC - W,E,FO	RICH NIXON	213-367-6343
SCG3Z2 SC GAS - CRENSHAW	DISPATCH	800-427-8894

Salazar, Berwyn

From: p1alc1m1@tlpd146.dadc.sbc.com
Sent: Monday, December 10, 2012 6:30 PM
To: Salazar, Berwyn
Subject: HIGH PRIORITY FACILITY FOUND

******** THIS EMAIL IS SYSTEM GENERATED. PLEASE DO NOT RESPOND TO THIS EMAIL ********

AT&T Distribution - Damage Prevention

*** CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE LOCATE NOTIFICATION ***

Ticket No : A23450695-00A
Ticket Address : CRENSHAW BLVD
Place : LOS ANGELES
Caller Name : MILLENIUM ENVIRONMENTAL
Caller Phone : 818-445-7677 Ext: FIELD
Contractor Name : MTA
Contractor Phone :
Membership Code : ATTDSOUTH
State One Call Law reference :
California ? Government Code 4216
- Title 8 Section 1541
Nevada - NAC 455.200 ? 455.450
- NRS 455.080 ? 455.180

This Locate Request is near an AT&T DISTRBUTION CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE that provides Switching, Routing and Transmission services to the surrounding area and around the world.

Damaging these Facilities could interrupt thousands of Services.

Before Digging in this area please take care to observe and ensure that AT&T Distribution (ATT/D) has:
? Been to the location site
? Located and Marked the facilities with ORANGE, (water base/chalked based) paint and or Flags
? Or has Cleared the area (No Conflict ? No ATT/D)

HAND DIGGING IS MANDATORY WITHIN THE STATUTORY TOLERANCE ZONE.
? AT&T Distribution requires written approval be given prior to any power operated equipment being used within the statutory tolerance zone of any AT&T facility.

Contact Information:

One Call Center: 8-1-1
Any questions pertaining to the One Call request should be directed to the state One Call
(For example: location requested, utilities in the area or notification processes)
Underground Service Alert of Northern California & Nevada (USA North)
Underground Service Alert of Southern California (USA South or Dig Alert)

AT&T Distribution Damage Prevention Hotline: 510 645-2929
If assistance is needed during an excavation involving AT&T Distribution facilities or locate issue

To report Damage or Expose Facility:
AT&T Distribution Damage Reporting to AT&T Distribution: 510 645-2929

YOU ARE REQUIRED TO PREVENT DAMAGES.

Don?t take Chances!

THANK YOU

******** THIS EMAIL IS SYSTEM GENERATED. PLEASE DO NOT RESPOND TO THIS EMAIL ********

Salazar, Berwyn

From: noreply@digalert.org
Sent: Tuesday, October 30, 2012 5:58 PM
To: Salazar, Berwyn
Subject: USAS EMLCFM 2012/10/30 #01047A A23041203-00A SHRT NEW

EMLCFM 01047A USAS 10/30/12 17:58:25 A23041203-00A SHRT NEW GRID

Thank you for calling Underground Service Alert of Southern
California. This is an automatically generated confirmation of
your DigAlert. For your safety, please respect and protect the
marks, and excavate carefully around the marked utility lines.

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY BACK TO THIS EMAIL.

Ticket : A23041203 Date: 10/30/12 Time: 17:40 Oper: LLF Chan: 100
Old Tkt: A23041203 Date: 10/30/12 Time: 17:58 Oper: LLF Revision: 00A

Company: MILLENIUM ENVIRONMENTAL Caller: BERWYN SALAZAR - TETRA TECH
Co Addr: 2936 E CORONADO ST
City&St: ANAHEIM, CA Zip: 92806
Phone: 818-445-7677 Ext: FIELD Call back: ANYTIME
Formn: BERWYN Phone: 626-470-2836 Ext: OFFIC
Email: BERWYN.SALAZAR@TETRATECH.COM

State: CA County: LOS ANGELES Place: LOS ANGELES
Delineated: N
Address: Street:CRENSHAW BLVD
X/ST 1 : RODEO RD
MPM 1: MPM 2:
Locat: 3630, 3642, 3644, 3646 CRENSHAW BLVD, CALLER STATES ADDRESSES ARE LOC
: BTWN RODEO RD AND EXPOSITION PL; 3515 RODEO RD, CALLER STATES ADDRESS IS
: LOC BTWN S BRONSON AVE AND CRENSHAW BLVD; 3510 EXPOSITION PL, X/ST S
: BRONSON AVE, ADDRESS LOC ON (MOST NORTHERLY) EXPOSITION PL, (CALLER
: STATES UNNAMED ST SHOWN ON TG MAP AT APPROX 222FT E/OF INTER/OF RODEO RD
: AND CRENSHAW BLVD DOES NOT EXIST ON SITE **AREA WILL BE DELINEATED
: TOMORROW MORNING 10/31 WITH WHITE PAINT**

Excav Enters Into St/Sidewalk: N

Grids: 0673E0124
Lat/Long : 34.022881/-118.335527 34.022521/-118.333215
: 34.021147/-118.335797 34.020787/-118.333485
Caller GPS:

Boring: Y Explosives: N Vacuum: N
Re-Mark: N

Work : SOIL AND SOIL GAS SAMPLING (16 SAMPLING LOCATIONS) FOR ENVIRONMENTAL INVESTIGA
Wkend: N Night: N
Work date: 11/01/12 Time: 07:00 Priority: 1
Instruct : MARK BY Permit: NOT REQUIRED
Done for : MTA

Tkt Exp: 11/27/12

Mbrs :
ATTDSOUTH AT&T DISTRIBUTION - PHONE SBC DAMAGE PREVENTION HO 510-645-2929

CITYLA	C/OF LA-STREET LIGHTING	FRONT OFFICE STAFF	323-913-4744
LACMTALAX	LACMTA LAX/CRENSHAW - ELEC	HANK SCHEETZ	323-903-4120
LAWP3	LADWP-JOINT LOC - W,E,FO	RICH NIXON	213-367-6343
SCG3Z2	SC GAS - CRENSHAW	DISPATCH	800-427-8894

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Contractor Name : MTA
Contractor Phone :
Membership Code : ATTDSOUTH
State One Call Law reference :
California ? Government Code 4216
- Title 8 Section 1541
Nevada - NAC 455.200 ? 455.450
- NRS 455.080 ? 455.180

This Locate Request is near an AT&T DISTRBUTION CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE that provides Switching, Routing and Transmission services to the surrounding area and around the world.

Damaging these Facilities could interrupt thousands of Services.

Before Digging in this area please take care to observe and ensure that AT&T Distribution (ATT/D) has:
? Been to the location site
? Located and Marked the facilities with ORANGE, (water base/chalked based) paint and or Flags
? Or has Cleared the area (No Conflict ? No ATT/D)

HAND DIGGING IS MANDATORY WITHIN THE STATUTORY TOLERANCE ZONE.
? AT&T Distribution requires written approval be given prior to any power operated equipment being used within the statutory tolerance zone of any AT&T facility.

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Any questions pertaining to the One Call request should be directed to the state One Call
(For example: location requested, utilities in the area or notification processes)
Underground Service Alert of Northern California & Nevada (USA North)
Underground Service Alert of Southern California (USA South or Dig Alert)

AT&T Distribution Damage Prevention Hotline: 510 645-2929
If assistance is needed during an excavation involving AT&T Distribution facilities or locate issue

TETRA TECH BORING LOG

BORING ID NO CR-4504-1

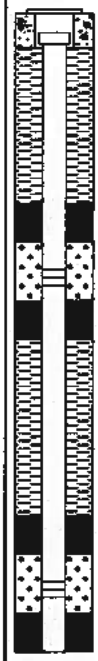
CLIENT Metropolitan Transportation Authority **T.C.** 100-PEN-T30168 **DRILL DATE** 11-1-12

PROJECT NAME Phase II Crenshaw/Rodeo Properties

BORING LOCATION Crenshaw/Rodeo **DRILLING CONTR.**

DRILL METHOD Bobcat Mounted Direct Push **SAMPLE METHOD** **BOREHOLE DIAMETER** 3.5-inch

LOGGED BY J. Sandoval **REVIEWED BY** C. Pollock **REG NO.** 4448

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 4" bgs. FILL MATERIAL to 2' bgs.
			58			CL	CLAY - black (5YR 2.5/1), moist, very fine grained sand, low plasticity, TPH odor. 70% clay, 15% silt, 10% sand, 5% gravel.
5			47				Same as above. Low to medium plasticity. 70% clay, 20% silt, 10% sand.
10			8				Same as above. Black (7.5YR 2/0), moist, trace very fine grained sand, high plasticity, TPH odor. 90% clay, 5% silt, 5% sand.
						CL	CLAY WITH SILT - dark gray (2.5YR 4/0), moist, medium plasticity.
15							Same as above. Very fine grained sand, TPH odor. 80% clay, 15% silt, 5% sand.
20							Soil boring converted to temporary dual nested soil gas probe tips at 7' and 15' bgs. The soil gas probes were abandoned after sample collection. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4504-2*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *11-1-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Bobcat Mounted Direct Push* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *J. Sandoval* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 4" bgs. FILL MATERIAL to 2' bgs.
						CL	CLAY WITH SILT - very dark gray (5YR 3/1), moist, fine grained sand, medium plasticity, trace gravel. 65% clay, 20% silt, 10% sand, 5% gravel.
5						ML	SILT WITH SAND - gray (5YR 5/1), dry, very fine grained sand. 10% clay, 70% silt, 20% sand.
							Same as above. Grayish brown (10YR 5/2), moist, very fine to fine grained sand. 10% clay, 70% silt, 20% sand.
10						CL	CLAY WITH SILT - very dark brown (10YR 2/2), moist, very fine grained sand, high plasticity. 80% clay, 15% silt, 5% sand.
							Same as above. Grayish brown (10YR 5/2), wet, very fine grained sand, medium plasticity. 75% clay, 15% silt, 10% sand.
15	▽						Hydropunch sample collected for analysis. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO CR-4504-3

CLIENT Metropolitan Transportation Authority **T.C.** 100-PEN-T30168 **DRILL DATE** 11-1-12

PROJECT NAME Phase II Crenshaw/Rodeo Properties

BORING LOCATION Crenshaw/Rodeo **DRILLING CONTR.**

DRILL METHOD Bobcat Mounted Direct Push **SAMPLE METHOD** **BOREHOLE DIAMETER** 3.5-inch

LOGGED BY J. Sandoval **REVIEWED BY** C. Pollock **REG NO.** 4448

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 4" bgs. FILL MATERIAL to 2' bgs.
			3.7			CL	CLAY WITH SAND - very dark gray (2.5YR 3/0), dry, very fine to fine grained sand, low plasticity, organic odor. 60% clay, 10% silt, 25% sand, 5% gravel.
5						ML	SILT WITH SAND AND CLAY - grayish brown (10YR 5/2), dry, very fine grained sand, low plasticity. 15% clay, 70% silt, 15% sand.
10						CL	CLAY - very dark gray (10YR 3/1), moist, very fine grained sand, medium to high plasticity. 80% clay, 10% silt, 10% sand.
15	▽						CLAY WITH SAND AND SILT - Grayish brown (10YR 5/2), wet, very fine to fine grained sand, medium plasticity. 50% clay, 30% silt, 20% sand. Soil boring converted to temporary dual nested soil gas probe tips at 7.5' and 13' bgs. The soil gas probes were abandoned after sample collection. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO CR-4504-4

CLIENT Metropolitan Transportation Authority **T.C.** 100-PEN-T30168 **DRILL DATE** 11-1-12

PROJECT NAME Phase II Crenshaw/Rodeo Properties

BORING LOCATION Crenshaw/Rodeo **DRILLING CONTR.**

DRILL METHOD Bobcat Mounted Direct Push **SAMPLE METHOD** **BOREHOLE DIAMETER** 3.5-inch

LOGGED BY J. Sendoval **REVIEWED BY** C. Pollock **REG NO.** 4448

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0							Asphalt to 4" bgs.
						FILL	FILL MATERIAL to 2' bgs.
			0.0			ML	SILT WITH CLAY AND SAND - very dark gray (5YR 3/1) , moist, very fine to fine grained sand. 15% clay, 65% silt, 20% sand.
5			0.0				Same as above. Dark grayish brown (2/5YR 4/2), moist, very fine grained sand, slight plasticity. 15% clay, 70% silt, 15% sand.
10			0.0			CL	CLAY - very dark grayish brown (10YR 3/2), moist, very fine to fine grained sand, high plasticity. 80% clay, 10% silt, 10% sand.
15			0.0			ML	SILT WITH SAND - olive brown (2.5YR 4/4). Wet, fine grained sand. 10% clay, 70% silt, 20% sand.
							Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO *CR-4504-5*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *12-11-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Bobcat Mounted Direct Push* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *B. Salazar* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 3" bgs. FILL MATERIAL to 2' bgs.
			0.0			CL	CLAY - black (5YR 2.5/1), low plasticity, no odor.
5						ML	SANDY SILT - very fine grained sand, no odor.
						CL	CLAY - dark gray, moist, medium plasticity, slight TPH odor.
10			3.3				
			18.9			ML	SANDY SILT - slight TPH odor.
			179				
15			519			ML	SILT WITH SAND - light gray, very moist, fine grained sand, strong TPH odor
							Soil boring converted to temporary dual nested soil gas probe tips set at 7.5' and 15' bgs. Soil gas probes were abandoned after sample collection. Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
1 1		3741732	A07	40477	001

Generator and/or Consultant

Generator's Name and Billing Address: L.A.C.M.T.A. ATTN: GWYNNETH DOYLE ONE GATEWAY PLAZA MS #1-17-2 LOS ANGELES, CA 90012	Generator's Phone #: 213-922-2447 Person to Contact: FAX#:
Consultant's Name and Billing Address: BERWYN SALAZAR TETRA TECH 3475 E. FOOTHILL BLVD. PASADENA	Consultant's Phone #: Person to Contact: FAX#:
Generation Site (Transport from): *(name & address)* MTA - CRENSHAW RODEO PROPERTIES CRENSHAW BLVD. AND RODEO RD. LOS ANGELES, CA	Site Phone #: Person to Contact: FAX#:
Designated Facility (Transport to): *(name & address)* SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001 Person to Contact: DELLENA JEFFREY FAX#: (760) 246-8004
Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 216229	Transporter's Phone #: 949-460-5200 Person to Contact: LARRY MOOTHART FAX#: 949-460-5210
	CAR000183913 460647 Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	2	Soil	38920	37600	1320
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					.66

List any exception to items listed above: Scale Ticket # 106731

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐	Signature and date:	Month	Day	Year
Gwynneth Doyle on behalf of L.A.C.M.T.A.	Gwynneth L Doyle	01	25	13

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
LUIS NAVARRO		01	25	13

Recycling Facility

Discrepancies:
Crenshaw
836065

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	2/25/13

Please print or type.

TRANSPORTER COPY

Appendix B – Analytical Lab Reports

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

November 08, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1211014
Project Name: MTA Crenshaw-Rodeo Phase II

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-1-2 Soil (1211014-01) Sampled:11/01/12 08:35 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20516
Surrogate: a,a,a-Trifluorotoluene	*114 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20516*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**2.76**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*75.2 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Benzene	**11.0**		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Toluene	**9.67**		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710

POSITIVE LAB SERVICE

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-1-2 Soil (1211014-01) Sampled:11/01/12 08:35 Received:11/01/12 14:42

1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Ethylbenzene	**2.74**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
m,p-Xylene	**3.20**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,2-Trichloro-1,2,2-trifluoroethane (FC-113)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Surrogate: Dibromofluoromethane	*99.2 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20710*
Surrogate: Toluene-d8	*103 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20710*
Surrogate: 4-Bromofluorobenzene	*99.4 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20710*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**4.93**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**157**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**19.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**10.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**28.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**17.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	**2.44**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**16.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606

POSITIVE LAB SERVICE

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-1-2 Soil (1211014-01) Sampled:11/01/12 08:35 Received:11/01/12 14:42

Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**40.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**75.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4504-1-5 Soil (1211014-02) Sampled:11/01/12 08:45 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**0.899**		1	mg/kg	0.500	EPA 5035	EPA 8015B	11/05/12	11/05/12	mb	BK20609
Surrogate: a,a,a-Trifluorotoluene	*154 %*	*DO*		*73-134*		*EPA 5035*	*EPA 8015B*	*11/05/12*	*11/05/12*	*mb*	*BK20609*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*84.6 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*

Sample ID: CR-4504-1-11 Soil (1211014-03) Sampled:11/01/12 08:50 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**11.1**		1	mg/kg	0.500	EPA 5035	EPA 8015B	11/05/12	11/05/12	mb	BK20609
Surrogate: a,a,a-Trifluorotoluene	*562 %*	*DO*		*73-134*		*EPA 5035*	*EPA 8015B*	*11/05/12*	*11/05/12*	*mb*	*BK20609*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**9.77**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*55.3 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-1-11 Soil (1211014-03) Sampled:11/01/12 08:50 Received:11/01/12 14:42

Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Benzene	**7.42**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Ethylbenzene	**2.36**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Isopropylbenzene	**20.8**	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
n-Propylbenzene	**47.3**	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
sec-Butylbenzene	**7.39**	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
n-Butylbenzene	**11.7**	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-1-11 Soil (1211014-03) Sampled:11/01/12 08:50 Received:11/01/12 14:42											
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/06/12	11/06/12	mb	BK20706
Surrogate: Dibromofluoromethane	*107 %*			*71-130*		*EPA 5035*	*EPA 8260B*	*11/06/12*	*11/06/12*	*mb*	*BK20706*
Surrogate: Toluene-d8	*106 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*11/06/12*	*11/06/12*	*mb*	*BK20706*
Surrogate: 4-Bromofluorobenzene	*104 %*			*66-131*		*EPA 5035*	*EPA 8260B*	*11/06/12*	*11/06/12*	*mb*	*BK20706*
Sample ID: CR-4504-1-15 Soil (1211014-04) Sampled:11/01/12 09:00 Received:11/01/12 14:42											
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**140**		100	mg/kg	50.0	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20516
Surrogate: a,a,a-Trifluorotoluene	*197 %*	*DO*		*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20516*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*85.3 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chloromethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Vinyl chloride (Chloroethylene)	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromomethane (Methyl bromide)	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chloroethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Trichlorofluoromethane (FC-11)	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Acetone	ND		50	ug/kg	4000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Carbon disulfide	ND		50	ug/kg	2000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1-Dichloroethene	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Methylene chloride (Dichloromethane)	ND		50	ug/kg	1000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Tert-butyl alcohol	ND		50	ug/kg	1000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
trans-1,2-Dichloroethene	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Methyl tert-butyl ether (MTBE)	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1-Dichloroethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Di-isopropyl ether	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Vinyl acetate	ND		50	ug/kg	2000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Ethyl tert-butyl ether	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2,2-Dichloropropane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
cis-1,2-Dichloroethene	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Butanone (MEK)	ND		50	ug/kg	2000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromochloromethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chloroform	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,1-Trichloroethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Tert-amyl methyl ether	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Carbon tetrachloride	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1-Dichloropropene	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Benzene	ND		50	ug/kg	100	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dichloroethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Trichloroethene (TCE)	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dichloropropane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Dibromomethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,4-Dioxane	ND		50	ug/kg	4000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromodichloromethane	ND		50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Chloroethyl vinyl ether	ND		50	ug/kg	2000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-1-15 Soil (1211014-04) Sampled:11/01/12 09:00 Received:11/01/12 14:42

cis-1,3-Dichloropropene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
4-Methyl-2-pentanone (MIBK)	ND	50	ug/kg	2000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Toluene	ND	50	ug/kg	100	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
trans-1,3-Dichloropropene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,2-Trichloroethane	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Tetrachloroethene (PCE)	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,3-Dichloropropane	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Hexanone (MBK)	ND	50	ug/kg	2000	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Dibromochloromethane	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dibromoethane (EDB)	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Chlorobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,1,2-Tetrachloroethane	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Ethylbenzene	**187**	50	ug/kg	100	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
m,p-Xylene	ND	50	ug/kg	100	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
o-Xylene	ND	50	ug/kg	100	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Styrene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromoform (Tribromomethane)	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Isopropylbenzene	**477**	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Bromobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,1,2,2-Tetrachloroethane	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,3-Trichloropropane	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
n-Propylbenzene	**1590**	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
2-Chlorotoluene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
4-Chlorotoluene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,3,5-Trimethylbenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
tert-Butylbenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,4-Trimethylbenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
sec-Butylbenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,3-Dichlorobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
4-Isopropyltoluene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,4-Dichlorobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dichlorobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
n-Butylbenzene	**490**	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,4-Trichlorobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Hexachlorobutadiene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Naphthalene	**1040**	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
1,2,3-Trichlorobenzene	ND	50	ug/kg	200	EPA 5035	EPA 8260B	11/03/12	11/03/12	mb	BK20710
Surrogate: Dibromofluoromethane	*103 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20710*
Surrogate: Toluene-d8	*104 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20710*
Surrogate: 4-Bromofluorobenzene	*94.8 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20710*

Sample ID: CR-4504-3-2.5 Soil (1211014-05) Sampled:11/01/12 10:05 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**3.63**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-3-2.5 Soil (1211014-05) Sampled:11/01/12 10:05 Received:11/01/12 14:42

C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*73.4 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**3.29**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**185**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**18.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**11.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**34.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**9.11**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	**1.18**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**14.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**34.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**67.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4504-3-10 Soil (1211014-06) Sampled:11/01/12 10:20 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**16.7**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*76.4 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710

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Certificate of Analysis

Tetra Tech
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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-3-10 Soil (1211014-06) Sampled:11/01/12 10:20 Received:11/01/12 14:42

Ethyl tert-butyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Benzene	**10.8**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Toluene	**11.3**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethylbenzene	**2.30**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
m,p-Xylene	**3.11**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

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3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-3-10 Soil (1211014-06) Sampled:11/01/12 10:20 Received:11/01/12 14:42

n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Surrogate: Dibromofluoromethane	*108 %*			*71-130*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: Toluene-d8	*99.7 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: 4-Bromofluorobenzene	*95.7 %*			*66-131*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*

Sample ID: CR-4504-2-2.5 Soil (1211014-07) Sampled:11/01/12 11:00 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**2.75**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*72.7 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**19.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**119**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	**1.49**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**23.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**9.59**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**26.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**73.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	**1.98**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**18.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**43.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**144**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	**0.114**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4504-2-10 Soil (1211014-08) Sampled:11/01/12 11:20 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20814
Surrogate: n-Tetracosane	*85.0 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20814*

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781 East Washington Blvd., Los Angeles, CA 90021
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File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-2-10 Soil (1211014-08) Sampled:11/01/12 11:20 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Benzene	**6.57**		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Toluene	**5.61**		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Sample ID: CR-4504-2-10 Soil (1211014-08) Sampled:11/01/12 11:20 Received:11/01/12 14:42

Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Surrogate: Dibromofluoromethane	*107 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: Toluene-d8	*98.7 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: 4-Bromofluorobenzene	*96.2 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20516 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0312*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 11/01/12										
Gasoline	0.757	0.500	mg/kg	0.9096		83.3	70-127			
Batch BK20609 - EPA 5035										
Blank Prepared & Analyzed: 11/06/12										
Gasoline	ND	0.500	mg/kg							
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0313*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 11/06/12										
Gasoline	0.733	0.500	mg/kg	0.9096		80.6	70-127			
Batch BK20702 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0315*		mg/kg	*0.03000*		*105*	*73-134*			
LCS Prepared & Analyzed: 11/02/12										
Gasoline	0.765	0.500	mg/kg	0.9096		84.1	70-127			
Matrix Spike Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	1.08	0.500	mg/kg	1.819	ND	59.5	58-133			M
Matrix Spike Dup Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	0.941	0.500	mg/kg	1.819	ND	51.7	58-133	14.0	30	M
Batch BK20814 - EPA 3546										
Blank Prepared: 11/05/12 Analyzed: 11/06/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*18.3*		mg/kg	*20.83*		*87.7*	*50-146*			
LCS Prepared & Analyzed: 11/05/12										
Diesel	562	4.00	mg/kg	554.7		101	59-146			
Surrogate: n-Tetracosane	*15.3*		mg/kg	*20.83*		*73.4*	*63-142*			
LCS Dup Prepared & Analyzed: 11/05/12										
Diesel	537	4.00	mg/kg	554.7		96.8	59-146	4.51	30	
Surrogate: n-Tetracosane	*14.6*		mg/kg	*20.83*		*70.2*	*63-142*			
Matrix Spike Source: 1211014-08 Prepared: 11/05/12 Analyzed: 11/07/12										
Diesel	110	4.00	mg/kg	110.9	2.89	96.7	54-163			
Surrogate: n-Tetracosane	*20.4*		mg/kg	*20.83*		*98.1*	*50-146*			

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File #:75048
Report Date: 11/08/12
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PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20814 - EPA 3546										
Matrix Spike Dup Source: 1211014-08 Prepared: 11/05/12 Analyzed: 11/07/12										
Diesel	77.4	4.00	mg/kg	110.9	2.89	67.2	54-163	36.1	30	M
Surrogate: n-Tetracosane	*12.5*		mg/kg	*20.83*		*59.8*	*50-146*			
Batch BK20706 - EPA 5035										
Blank Prepared & Analyzed: 11/05/12										
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Acetone	ND	80.0	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							
1,1-Dichloroethene	ND	4.00	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
Tert-butyl alcohol	ND	20.0	ug/kg							
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Di-isopropyl ether	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
Ethyl tert-butyl ether	ND	4.00	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							
2-Butanone (MEK)	ND	40.0	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							
1,1,1-Trichloroethane	ND	4.00	ug/kg							
Tert-amyl methyl ether	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
Benzene	ND	2.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20706 - EPA 5035										
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
Toluene	ND	2.00	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							
1,3-Dichloropropane	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							
Isopropylbenzene	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							
4-Isopropyltoluene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Surrogate: Dibromofluoromethane	*10.9*		ug/kg	*10.00*		*109*	*71-130*			
Surrogate: Toluene-d8	*10.0*		ug/kg	*10.00*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.47*		ug/kg	*10.00*		*94.7*	*66-131*			

LCS Prepared & Analyzed: 11/05/12

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Pasadena, CA 91107

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File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20706 - EPA 5035										
1,1-Dichloroethene	21.4	4.00	ug/kg	20.00		107	70-129			
Methyl tert-butyl ether (MTBE)	20.2	4.00	ug/kg	20.00		101	64-131			
Benzene	20.9	2.00	ug/kg	20.00		104	75-125			
Trichloroethene (TCE)	20.6	4.00	ug/kg	20.00		103	72-121			
Toluene	20.0	2.00	ug/kg	20.00		99.8	68-126			
Chlorobenzene	19.9	4.00	ug/kg	20.00		99.4	71-117			
Surrogate: Dibromofluoromethane	*11.0*		ug/kg	*10.00*		*110*	*78-126*			
Surrogate: Toluene-d8	*10.0*		ug/kg	*10.00*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.82*		ug/kg	*10.00*		*98.2*	*80-120*			
LCS Dup Prepared & Analyzed: 11/05/12										
1,1-Dichloroethene	22.6	4.00	ug/kg	20.00		113	70-129	5.68	20	
Methyl tert-butyl ether (MTBE)	22.6	4.00	ug/kg	20.00		113	64-131	11.6	20	
Benzene	22.5	2.00	ug/kg	20.00		113	75-125	7.42	20	
Trichloroethene (TCE)	21.9	4.00	ug/kg	20.00		110	72-121	6.06	20	
Toluene	21.4	2.00	ug/kg	20.00		107	68-126	6.87	20	
Chlorobenzene	21.1	4.00	ug/kg	20.00		106	71-117	6.00	20	
Surrogate: Dibromofluoromethane	*10.9*		ug/kg	*10.00*		*109*	*78-126*			
Surrogate: Toluene-d8	*10.2*		ug/kg	*10.00*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.57*		ug/kg	*10.00*		*95.7*	*80-120*			
Batch BK20710 - EPA 5035										
Blank Prepared & Analyzed: 11/02/12										
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Acetone	ND	80.0	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							
1,1-Dichloroethene	ND	4.00	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
Tert-butyl alcohol	ND	20.0	ug/kg							
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Di-isopropyl ether	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
Ethyl tert-butyl ether	ND	4.00	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20710 - EPA 5035										
2-Butanone (MEK)	ND	40.0	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							
1,1,1-Trichloroethane	ND	4.00	ug/kg							
Tert-amyl methyl ether	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
Benzene	ND	2.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
Toluene	ND	2.00	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							
1,3-Dichloropropane	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							
Isopropylbenzene	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20710 - EPA 5035										
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							
4-Isopropyltoluene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Surrogate: Dibromofluoromethane	*10.5*		ug/kg	*10.00*		*105*	*71-130*			
Surrogate: Toluene-d8	*9.92*		ug/kg	*10.00*		*99.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.44*		ug/kg	*10.00*		*94.4*	*66-131*			
LCS Prepared & Analyzed: 11/02/12										
1,1-Dichloroethene	22.0	4.00	ug/kg	20.00		110	70-129			
Methyl tert-butyl ether (MTBE)	22.1	4.00	ug/kg	20.00		111	64-131			
Benzene	21.3	2.00	ug/kg	20.00		107	75-125			
Trichloroethene (TCE)	21.9	4.00	ug/kg	20.00		110	72-121			
Toluene	20.8	2.00	ug/kg	20.00		104	68-126			
Chlorobenzene	20.9	4.00	ug/kg	20.00		105	71-117			
Surrogate: Dibromofluoromethane	*10.6*		ug/kg	*10.00*		*106*	*78-126*			
Surrogate: Toluene-d8	*10.2*		ug/kg	*10.00*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.44*		ug/kg	*10.00*		*94.4*	*80-120*			
LCS Dup Prepared & Analyzed: 11/02/12										
1,1-Dichloroethene	21.0	4.00	ug/kg	20.00		105	70-129	4.89	20	
Methyl tert-butyl ether (MTBE)	21.9	4.00	ug/kg	20.00		110	64-131	0.999	20	
Benzene	19.6	2.00	ug/kg	20.00		98.2	75-125	8.30	20	
Trichloroethene (TCE)	20.3	4.00	ug/kg	20.00		102	72-121	7.77	20	
Toluene	19.0	2.00	ug/kg	20.00		95.2	68-126	8.93	20	
Chlorobenzene	19.2	4.00	ug/kg	20.00		96.0	71-117	8.53	20	
Surrogate: Dibromofluoromethane	*10.9*		ug/kg	*10.00*		*109*	*78-126*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.50*		ug/kg	*10.00*		*95.0*	*80-120*			
Matrix Spike Source: 1211013-04 Prepared & Analyzed: 11/08/12										
1,1-Dichloroethene	18.4	4.00	ug/kg	20.00	ND	92.2	65-130			
Benzene	17.4	2.00	ug/kg	20.00	2.82	72.8	59-129			
Trichloroethene (TCE)	17.6	4.00	ug/kg	20.00	ND	88.0	58-134			
Toluene	16.0	2.00	ug/kg	20.00	2.51	67.4	59-123			
Chlorobenzene	13.6	4.00	ug/kg	20.00	ND	68.2	66-122			

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20710 - EPA 5035										
Surrogate: Dibromofluoromethane	*10.8*		ug/kg	*10.00*		*108*	*73-135*			
Surrogate: Toluene-d8	*9.97*		ug/kg	*10.00*		*99.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.53*		ug/kg	*10.00*		*95.3*	*66-131*			
Matrix Spike Dup Source: 1211013-04 Prepared & Analyzed: 11/08/12										
1,1-Dichloroethene	17.9	4.00	ug/kg	20.00	ND	89.6	65-130	2.92	30	
Benzene	16.4	2.00	ug/kg	20.00	2.82	68.0	59-129	6.68	30	
Trichloroethene (TCE)	16.6	4.00	ug/kg	20.00	ND	82.8	58-134	6.21	30	
Toluene	15.0	2.00	ug/kg	20.00	2.51	62.4	59-123	7.78	30	
Chlorobenzene	13.0	4.00	ug/kg	20.00	ND	64.8	66-122	5.11	30	
Surrogate: Dibromofluoromethane	*10.7*		ug/kg	*10.00*		*107*	*73-135*			
Surrogate: Toluene-d8	*9.79*		ug/kg	*10.00*		*97.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.42*		ug/kg	*10.00*		*94.2*	*66-131*			
Batch BK20606 - EPA 3050B										
Blank Prepared & Analyzed: 11/06/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 11/06/12										
Antimony	46.2	2.50	mg/kg	49.71		92.9	60-140			
Arsenic	188	1.00	mg/kg	199.4		94.2	80-120			
Barium	221	1.00	mg/kg	200.2		110	80-120			
Beryllium	4.99	1.00	mg/kg	5.000		99.9	80-120			
Cadmium	5.32	1.00	mg/kg	4.980		107	80-120			
Chromium	21.6	1.00	mg/kg	19.86		109	80-120			
Cobalt	54.0	1.00	mg/kg	49.83		108	80-120			
Copper	28.4	1.00	mg/kg	25.27		113	80-120			

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Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Lead	53.4	1.00	mg/kg	50.10		107	80-120			
Molybdenum	50.4	1.00	mg/kg	49.95		101	80-120			
Nickel	54.3	1.00	mg/kg	50.10		108	80-120			
Selenium	182	1.00	mg/kg	199.7		91.3	80-120			
Silver	5.10	1.00	mg/kg	5.000		102	80-120			
Thallium	200	1.00	mg/kg	198.7		100	80-120			
Vanadium	50.9	1.00	mg/kg	50.30		101	80-120			
Zinc	52.1	5.00	mg/kg	50.10		104	80-120			
Matrix Spike Source: 1211038-02 Prepared & Analyzed: 11/06/12										
Antimony	39.6	2.50	mg/kg	49.71	ND	79.6	60-140			
Arsenic	191	1.00	mg/kg	199.4	6.23	92.5	75-125			
Barium	323	1.00	mg/kg	200.2	112	105	75-125			
Beryllium	5.44	1.00	mg/kg	5.000	0.539	97.9	75-125			
Cadmium	5.34	1.00	mg/kg	4.980	0.480	97.5	75-125			
Chromium	38.1	1.00	mg/kg	19.86	17.1	106	75-125			
Cobalt	55.9	1.00	mg/kg	49.83	6.58	98.9	75-125			
Copper	40.9	1.00	mg/kg	25.27	14.0	106	75-125			
Lead	54.7	1.00	mg/kg	50.10	6.14	96.9	75-125			
Molybdenum	49.7	1.00	mg/kg	49.95	1.62	96.2	75-125			
Nickel	66.4	1.00	mg/kg	50.10	18.5	95.7	75-125			
Selenium	180	1.00	mg/kg	199.7	ND	89.9	75-125			
Silver	4.80	1.00	mg/kg	5.000	ND	96.1	75-125			
Thallium	186	1.00	mg/kg	198.7	ND	93.8	75-125			
Vanadium	80.5	1.00	mg/kg	50.30	31.7	97.0	75-125			
Zinc	102	5.00	mg/kg	50.10	58.7	87.5	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared & Analyzed: 11/06/12										
Antimony	41.0	2.50	mg/kg	49.71	ND	82.5	60-140	3.61	30	
Arsenic	193	1.00	mg/kg	199.4	6.23	93.6	75-125	1.19	30	
Barium	319	1.00	mg/kg	200.2	112	103	75-125	1.94	30	
Beryllium	5.42	1.00	mg/kg	5.000	0.539	97.6	75-125	0.311	30	
Cadmium	5.42	1.00	mg/kg	4.980	0.480	99.3	75-125	1.78	30	
Chromium	39.0	1.00	mg/kg	19.86	17.1	110	75-125	4.04	30	
Cobalt	56.6	1.00	mg/kg	49.83	6.58	100	75-125	1.39	30	
Copper	40.6	1.00	mg/kg	25.27	14.0	105	75-125	0.863	30	
Lead	55.3	1.00	mg/kg	50.10	6.14	98.2	75-125	1.27	30	
Molybdenum	50.2	1.00	mg/kg	49.95	1.62	97.2	75-125	1.03	30	
Nickel	67.1	1.00	mg/kg	50.10	18.5	97.1	75-125	1.46	30	
Selenium	182	1.00	mg/kg	199.7	ND	91.1	75-125	1.30	30	
Silver	4.85	1.00	mg/kg	5.000	ND	97.0	75-125	0.935	30	
Thallium	188	1.00	mg/kg	198.7	ND	94.7	75-125	0.979	30	
Vanadium	80.9	1.00	mg/kg	50.30	31.7	97.8	75-125	0.818	30	

POSITIVE LAB SERVICE

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Certificate of Analysis

Tetra Tech
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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211014

Project: MTA Crenshaw-Rodeo Phase II

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Zinc	103	5.00	mg/kg	50.10	58.7	89.1	75-125	1.84	30	
Batch BK20605 - EPA 7471A										
Blank Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.745	0.100	mg/kg	0.8283		89.9	80-120			
Matrix Spike Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.901	0.100	mg/kg	0.8283	ND	109	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.833	0.100	mg/kg	0.8283	ND	101	75-125	7.84	25	

Notes and Definitions

M	Matrix interference
DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Owen Parker

Authorized Signature(s)

51891

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 11/1/12 PAGE 1 OF 2

LOG BOOK NO._____ FILE NO._____ LAB NO. 124010

CLIENT NAME: TETRA TECH Project Name/No. MTA ERENSHAW BRT PHASE II P.O. NO.

ADDRESS: 3475 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID#

AIRBILL NO:_____

COOLER TEMP: 2.3°C

PRESERVED:_____

REMARKS:
CR-4504
-EARLIER CRUISE
CITY FACTORY

ANALYSES REQUESTED:

	SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	TPH CC (C4-C44)	VOC (8260B/8015)	METALS (6010/7470)	SAMPLE CONDITION/ CONTAINER/COMMENTS:
1	CR-4504-1-2	11/1	0835			X			N	4	V/J	X	X	X	
2	CR-4504-1-5	11/1	0845			X				1	SLEEVE	X			
3	CR-4504-1-11	↓	0850			X				1 3	SLEEVE V	X	X		
4	CR-4504-1-15	↓	0900			X				1 3	SLEEVE V	X	X		
5	CR-4504-3-2.5		1005			X				1	J	X		X	
6	CR-4504-3-5		1015			X				1	S	X (2)			HOLD
7	CR-4504-3-10		1020			X				1 3	S V	X	X		
8	CR-4504-3-15	↓	1025			X				1	S	X (2)			HOLD
9	CR-4504-2-2.5		1100			X				1	J	X		X	
10	CR-4504-2-5	↓	1110			X			↓	1	S				HOLD

Relinquished By: (Signature and Printed Name) B. SALAZAR	Received By: (Signature and Printed Name)	Date: 11/1/12	Time: 1445
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date: 11/1/12	Time: 15:15
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date_____

LAB COPY

51893

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 11/1/12 PAGE 2 OF 2

LOG BOOK NO._____ FILE NO._____ LAB NO. 1211014

CLIENT NAME: Project Name/No. P.O. NO.

ADDRESS: See P.1

PROJECT MANAGER: PHONE NO: FAX NO:

SAMPLER NAME: (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID#

AIRBILL NO:

COOLER TEMP: 2.3 ice

PRESERVED:

REMARKS:

CR-45 04

	SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	ANALYSES REQUESTED: TPH EPA (C4-C44)	VOC (8260B / 1D35)	METALS	SAMPLE CONDITION/ CONTAINER/COMMENTS:
1	CR-45D4 -2-10	11/1	1120			X			N	1	S	X	X		
2	-2-15	"	1125			X			N	1	S				HOLD
3															
4															
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B. R. SANDOVAL Received By: (Signature and Printed Name) Date: 11/1/12 Time: 1442

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 11/1/12 Time: 15:15

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date_____

LAB COPY

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LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

November 08, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1211015
Project Name: MTA Crenshaw-Rodeo

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211015

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4504-4-2.5 Soil (1211015-01) Sampled:11/01/12 15:30 Received:11/01/12 17:00

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/03/12	11/03/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/03/12*	*11/03/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	4.00	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C23 - C32	ND		1	mg/kg	160	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C33 - C44	ND		1	mg/kg	160	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
Surrogate: n-Tetracosane	*87.4 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20521*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**3.90**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**196**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**17.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**10.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**33.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**9.99**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**14.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	**1.09**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**34.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**63.8**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4504-4-10 Soil (1211015-02) Sampled:11/01/12 15:45 Received:11/01/12 17:00

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/03/12	11/03/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/03/12*	*11/03/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**3.40**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
Surrogate: n-Tetracosane	*65.3 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20521*

Sample ID: CR-4504-HP1 Water (1211015-03) Sampled:11/01/12 16:35 Received:11/01/12 17:00

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015B	11/07/12	11/07/12	lk	BK20717
Surrogate: a,a,a-Trifluorotoluene	*107 %*			*69-138*		*EPA 5030B*	*EPA 8015B*	*11/07/12*	*11/07/12*	*lk*	*BK20717*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015B	11/02/12	11/06/12	lk	BK20819
C23 - C32	ND		1	mg/L	5.00	EPA 3535A	EPA 8015B	11/02/12	11/06/12	lk	BK20819
C33 - C44	ND		1	mg/L	10.0	EPA 3535A	EPA 8015B	11/02/12	11/06/12	lk	BK20819
Surrogate: n-Tetracosane	*40.6 %*			*54-125*		*EPA 3535A*	*EPA 8015B*	*11/02/12*	*11/06/12*	*lk*	*BK20819*

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4504-HP1 Water (1211015-03) Sampled:11/01/12 16:35 Received:11/01/12 17:00

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Methylene chloride (Dichloromethane)	ND		1	ug/l	2.50	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Tert-butyl alcohol	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1-Dichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Vinyl acetate	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Di-isopropyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Ethyl tert-butyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
2,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
cis-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
2-Butanone (MEK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Bromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Chloroform	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1,1-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Carbon tetrachloride	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Benzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2-Dichloroethane	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Tert-amyl methyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Trichloroethene (TCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Dibromomethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,4-Dioxane	ND		1	ug/l	40.0	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Bromodichloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
2-Chloroethyl vinyl ether	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
cis-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Toluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
trans-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1,2-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Tetrachloroethene (PCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,3-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
2-Hexanone (MBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Dibromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2-Dibromoethane (EDB)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Chlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1,1,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Ethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
m,p-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
o-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4504-HP1 Water (1211015-03) Sampled:11/01/12 16:35 Received:11/01/12 17:00

Styrene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Bromoform (Tribromomethane)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Isopropylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Bromobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,1,2,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2,3-Trichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
n-Propylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
2-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
4-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,3,5-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
tert-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2,4-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
sec-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,3-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
4-Isopropyltoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,4-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2,3-Trichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
n-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
1,2,4-Trichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Hexachlorobutadiene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Naphthalene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	11/03/12	11/03/12	mb	BK20621
Surrogate: Dibromofluoromethane	*109 %*		*71-124*		*EPA 5030B*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20621*
Surrogate: Toluene-d8	*99.6 %*		*84-112*		*EPA 5030B*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20621*
Surrogate: 4-Bromofluorobenzene	*96.8 %*		*78-120*		*EPA 5030B*	*EPA 8260B*	*11/03/12*	*11/03/12*	*mb*	*BK20621*

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211015

Project: MTA Crenshaw-Rodeo

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20702 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0315*		mg/kg	*0.03000*		*105*	*73-134*			
LCS Prepared & Analyzed: 11/02/12										
Gasoline	0.765	0.500	mg/kg	0.9096		84.1	70-127			
Matrix Spike Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	1.08	0.500	mg/kg	1.819	ND	59.5	58-133			M
Matrix Spike Dup Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	0.941	0.500	mg/kg	1.819	ND	51.7	58-133	14.0	30	M
Batch BK20521 - EPA 3546										
Blank Prepared & Analyzed: 11/05/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*28.6*		mg/kg	*20.83*		*137*	*50-146*			
LCS Prepared & Analyzed: 11/05/12										
Diesel	583	4.00	mg/kg	554.7		105	59-146			
Surrogate: n-Tetracosane	*18.6*		mg/kg	*20.83*		*89.5*	*63-142*			
Matrix Spike Source: 1211027-01 Prepared & Analyzed: 11/05/12										
Diesel	120	2.50	mg/kg	110.9	12.5	96.5	54-163			
Surrogate: n-Tetracosane	*13.8*		mg/kg	*20.83*		*66.2*	*50-146*			
Matrix Spike Dup Source: 1211027-01 Prepared & Analyzed: 11/05/12										
Diesel	101	2.50	mg/kg	110.9	12.5	79.5	54-163	19.3	30	
Surrogate: n-Tetracosane	*12.7*		mg/kg	*20.83*		*61.0*	*50-146*			
Batch BK20606 - EPA 3050B										
Blank Prepared & Analyzed: 11/06/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20819 - EPA 3535A										
Blank Prepared: 11/02/12 Analyzed: 11/05/12										
C13 - C22	ND	0.500	mg/L							
C23 - C32	ND	5.00	mg/L							
C33 - C44	ND	10.0	mg/L							
Surrogate: n-Tetracosane	*0.233*		mg/L	*0.3125*		*74.6*	*54-125*			
LCS Prepared: 11/02/12 Analyzed: 11/06/12										
Diesel	7.78	0.500	mg/L				63-112			
Surrogate: n-Tetracosane	*0.277*		mg/L	*0.3125*		*88.6*	*54-118*			
LCS Dup Prepared: 11/02/12 Analyzed: 11/06/12										
Diesel	7.55	0.500	mg/L				63-112		25	
Surrogate: n-Tetracosane	*0.269*		mg/L	*0.3125*		*86.1*	*54-118*			
Batch BK20621 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
Dichlorodifluoromethane (FC-12)	ND	1.00	ug/l							
Chloromethane	ND	1.00	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.500	ug/l							
Bromomethane (Methyl bromide)	ND	1.00	ug/l							
Chloroethane	ND	1.00	ug/l							
Trichlorofluoromethane (FC-11)	ND	1.00	ug/l							
1,1-Dichloroethene	ND	1.00	ug/l							
Acetone	ND	10.0	ug/l							
Carbon disulfide	ND	5.00	ug/l							
Methylene chloride (Dichloromethane)	ND	2.50	ug/l							
Tert-butyl alcohol	ND	5.00	ug/l							
trans-1,2-Dichloroethene	ND	1.00	ug/l							
Methyl tert-butyl ether (MTBE)	ND	1.00	ug/l							
1,1-Dichloroethane	ND	1.00	ug/l							
Vinyl acetate	ND	5.00	ug/l							
Di-isopropyl ether	ND	1.00	ug/l							
Ethyl tert-butyl ether	ND	1.00	ug/l							
2,2-Dichloropropane	ND	1.00	ug/l							
cis-1,2-Dichloroethene	ND	1.00	ug/l							
2-Butanone (MEK)	ND	5.00	ug/l							
Bromochloromethane	ND	1.00	ug/l							
Chloroform	ND	1.00	ug/l							
1,1,1-Trichloroethane	ND	1.00	ug/l							
Carbon tetrachloride	ND	0.500	ug/l							
1,1-Dichloropropene	ND	1.00	ug/l							
Benzene	ND	1.00	ug/l							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20621 - EPA 5030B										
1,2-Dichloroethane	ND	0.500	ug/l							
Tert-amyl methyl ether	ND	1.00	ug/l							
Trichloroethene (TCE)	ND	1.00	ug/l							
1,2-Dichloropropane	ND	1.00	ug/l							
Dibromomethane	ND	1.00	ug/l							
1,4-Dioxane	ND	40.0	ug/l							
Bromodichloromethane	ND	1.00	ug/l							
2-Chloroethyl vinyl ether	ND	5.00	ug/l							
cis-1,3-Dichloropropene	ND	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/l							
Toluene	ND	1.00	ug/l							
trans-1,3-Dichloropropene	ND	1.00	ug/l							
1,1,2-Trichloroethane	ND	1.00	ug/l							
Tetrachloroethene (PCE)	ND	1.00	ug/l							
1,3-Dichloropropane	ND	1.00	ug/l							
2-Hexanone (MBK)	ND	5.00	ug/l							
Dibromochloromethane	ND	1.00	ug/l							
1,2-Dibromoethane (EDB)	ND	1.00	ug/l							
Chlorobenzene	ND	1.00	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.00	ug/l							
Ethylbenzene	ND	1.00	ug/l							
m,p-Xylene	ND	1.00	ug/l							
o-Xylene	ND	1.00	ug/l							
Styrene	ND	1.00	ug/l							
Bromoform (Tribromomethane)	ND	1.00	ug/l							
Isopropylbenzene	ND	1.00	ug/l							
Bromobenzene	ND	1.00	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.00	ug/l							
1,2,3-Trichloropropane	ND	1.00	ug/l							
n-Propylbenzene	ND	1.00	ug/l							
2-Chlorotoluene	ND	1.00	ug/l							
4-Chlorotoluene	ND	1.00	ug/l							
1,3,5-Trimethylbenzene	ND	1.00	ug/l							
tert-Butylbenzene	ND	1.00	ug/l							
1,2,4-Trimethylbenzene	ND	1.00	ug/l							
sec-Butylbenzene	ND	1.00	ug/l							
1,3-Dichlorobenzene	ND	1.00	ug/l							
4-Isopropyltoluene	ND	1.00	ug/l							
1,4-Dichlorobenzene	ND	1.00	ug/l							
1,2-Dichlorobenzene	ND	1.00	ug/l							
n-Butylbenzene	ND	1.00	ug/l							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Project: MTA Crenshaw-Rodeo

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20621 - EPA 5030B										
1,2,3-Trichlorobenzene	ND	1.00	ug/l							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/l							
1,2,4-Trichlorobenzene	ND	1.00	ug/l							
Hexachlorobutadiene	ND	1.00	ug/l							
Naphthalene	ND	1.00	ug/l							
Surrogate: Dibromofluoromethane	*10.7*		ug/l	*10.00*		*107*	*71-124*			
Surrogate: Toluene-d8	*10.0*		ug/l	*10.00*		*100*	*84-112*			
Surrogate: 4-Bromofluorobenzene	*9.46*		ug/l	*10.00*		*94.6*	*78-120*			
LCS Prepared & Analyzed: 11/02/12										
1,1-Dichloroethene	21.0	1.00	ug/l	20.00		105	58-136			
Methyl tert-butyl ether (MTBE)	22.6	1.00	ug/l	20.00		113	69-133			
Benzene	20.4	1.00	ug/l	20.00		102	67-131			
Trichloroethene (TCE)	20.9	1.00	ug/l	20.00		105	74-124			
Toluene	20.0	1.00	ug/l	20.00		99.8	74-125			
Chlorobenzene	19.9	1.00	ug/l	20.00		99.6	75-121			
Surrogate: Dibromofluoromethane	*10.8*		ug/l	*10.00*		*108*	*78-124*			
Surrogate: Toluene-d8	*10.0*		ug/l	*10.00*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.54*		ug/l	*10.00*		*95.4*	*80-120*			
Matrix Spike Source: 1211020-05 Prepared & Analyzed: 11/06/12										
1,1-Dichloroethene	20.8	1.00	ug/l	20.00	ND	104	58-139			
Benzene	21.3	1.00	ug/l	20.00	ND	107	73-138			
Trichloroethene (TCE)	21.0	1.00	ug/l	20.00	ND	105	73-137			
Toluene	20.8	1.00	ug/l	20.00	ND	104	75-134			
Chlorobenzene	19.7	1.00	ug/l	20.00	ND	98.4	80-122			
Surrogate: Dibromofluoromethane	*10.7*		ug/l	*10.00*		*107*	*71-124*			
Surrogate: Toluene-d8	*10.0*		ug/l	*10.00*		*100*	*84-112*			
Surrogate: 4-Bromofluorobenzene	*9.41*		ug/l	*10.00*		*94.1*	*78-120*			
Matrix Spike Dup Source: 1211020-05 Prepared & Analyzed: 11/06/12										
1,1-Dichloroethene	20.8	1.00	ug/l	20.00	ND	104	58-139	0.193	20	
Benzene	21.4	1.00	ug/l	20.00	ND	107	73-138	0.374	20	
Trichloroethene (TCE)	21.1	1.00	ug/l	20.00	ND	106	73-137	0.855	20	
Toluene	21.0	1.00	ug/l	20.00	ND	105	75-134	1.24	20	
Chlorobenzene	19.5	1.00	ug/l	20.00	ND	97.4	80-122	1.02	20	
Surrogate: Dibromofluoromethane	*10.8*		ug/l	*10.00*		*108*	*71-124*			
Surrogate: Toluene-d8	*10.3*		ug/l	*10.00*		*103*	*84-112*			
Surrogate: 4-Bromofluorobenzene	*9.60*		ug/l	*10.00*		*96.0*	*78-120*			
Batch BK20606 - EPA 3050B										
Blank Prepared & Analyzed: 11/06/12										
Antimony	ND	2.50	mg/kg							

POSITIVE LAB SERVICE

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 11/06/12										
Antimony	46.2	2.50	mg/kg	49.71		92.9	60-140			
Arsenic	188	1.00	mg/kg	199.4		94.2	80-120			
Barium	221	1.00	mg/kg	200.2		110	80-120			
Beryllium	4.99	1.00	mg/kg	5.000		99.9	80-120			
Cadmium	5.32	1.00	mg/kg	4.980		107	80-120			
Chromium	21.6	1.00	mg/kg	19.86		109	80-120			
Cobalt	54.0	1.00	mg/kg	49.83		108	80-120			
Copper	28.4	1.00	mg/kg	25.27		113	80-120			
Lead	53.4	1.00	mg/kg	50.10		107	80-120			
Molybdenum	50.4	1.00	mg/kg	49.95		101	80-120			
Nickel	54.3	1.00	mg/kg	50.10		108	80-120			
Selenium	182	1.00	mg/kg	199.7		91.3	80-120			
Silver	5.10	1.00	mg/kg	5.000		102	80-120			
Thallium	200	1.00	mg/kg	198.7		100	80-120			
Vanadium	50.9	1.00	mg/kg	50.30		101	80-120			
Zinc	52.1	5.00	mg/kg	50.10		104	80-120			
Matrix Spike Source: 1211038-02 Prepared & Analyzed: 11/06/12										
Antimony	39.6	2.50	mg/kg	49.71	ND	79.6	60-140			
Arsenic	191	1.00	mg/kg	199.4	6.23	92.5	75-125			
Barium	323	1.00	mg/kg	200.2	112	105	75-125			
Beryllium	5.44	1.00	mg/kg	5.000	0.539	97.9	75-125			
Cadmium	5.34	1.00	mg/kg	4.980	0.480	97.5	75-125			
Chromium	38.1	1.00	mg/kg	19.86	17.1	106	75-125			
Cobalt	55.9	1.00	mg/kg	49.83	6.58	98.9	75-125			
Copper	40.9	1.00	mg/kg	25.27	14.0	106	75-125			

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211015

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Lead	54.7	1.00	mg/kg	50.10	6.14	96.9	75-125			
Molybdenum	49.7	1.00	mg/kg	49.95	1.62	96.2	75-125			
Nickel	66.4	1.00	mg/kg	50.10	18.5	95.7	75-125			
Selenium	180	1.00	mg/kg	199.7	ND	89.9	75-125			
Silver	4.80	1.00	mg/kg	5.000	ND	96.1	75-125			
Thallium	186	1.00	mg/kg	198.7	ND	93.8	75-125			
Vanadium	80.5	1.00	mg/kg	50.30	31.7	97.0	75-125			
Zinc	102	5.00	mg/kg	50.10	58.7	87.5	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared & Analyzed: 11/06/12										
Antimony	41.0	2.50	mg/kg	49.71	ND	82.5	60-140	3.61	30	
Arsenic	193	1.00	mg/kg	199.4	6.23	93.6	75-125	1.19	30	
Barium	319	1.00	mg/kg	200.2	112	103	75-125	1.94	30	
Beryllium	5.42	1.00	mg/kg	5.000	0.539	97.6	75-125	0.311	30	
Cadmium	5.42	1.00	mg/kg	4.980	0.480	99.3	75-125	1.78	30	
Chromium	39.0	1.00	mg/kg	19.86	17.1	110	75-125	4.04	30	
Cobalt	56.6	1.00	mg/kg	49.83	6.58	100	75-125	1.39	30	
Copper	40.6	1.00	mg/kg	25.27	14.0	105	75-125	0.863	30	
Lead	55.3	1.00	mg/kg	50.10	6.14	98.2	75-125	1.27	30	
Molybdenum	50.2	1.00	mg/kg	49.95	1.62	97.2	75-125	1.03	30	
Nickel	67.1	1.00	mg/kg	50.10	18.5	97.1	75-125	1.46	30	
Selenium	182	1.00	mg/kg	199.7	ND	91.1	75-125	1.30	30	
Silver	4.85	1.00	mg/kg	5.000	ND	97.0	75-125	0.935	30	
Thallium	188	1.00	mg/kg	198.7	ND	94.7	75-125	0.979	30	
Vanadium	80.9	1.00	mg/kg	50.30	31.7	97.8	75-125	0.818	30	
Zinc	103	5.00	mg/kg	50.10	58.7	89.1	75-125	1.84	30	
Batch BK20605 - EPA 7471A										
Blank Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.745	0.100	mg/kg	0.8283		89.9	80-120			
Matrix Spike Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.901	0.100	mg/kg	0.8283	ND	109	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.833	0.100	mg/kg	0.8283	ND	101	75-125	7.84	25	

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211015

Notes and Definitions

M	Matrix interference
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

72167

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11/1/12 PAGE 1 OF 1
LOG BOOK NO. _____ FILE NO. _____ LAB NO. 1211015

CLIENT NAME: JETHA JEFF Project Name/No. MTA CRENSHAW BOARD P.O. NO.

ADDRESS: 345 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: 818 445 7677 FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature) BS

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: _____
M. Lab Pickup
~~COOLER TEMP~~: 4.0C
PRESERVED: _____

REMARKS:
CR-4504

ANALYSES REQUESTED:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	TPH cc (EPA 418.1)	VOC (8260B/5035)	METALS	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	CR-4504-4-2.5	11/1	1530			X			N	1	J	X		X	
2	CR-4504-4-5	"	1540			X			"	1	S				HOLD
3	CR-4504-4-10	"	1545			X			"	1	S	X			
4	CR-4504-4-15	"	1550			X			"	1	S				HOLD
5	CR-4504-HP1	11/1	1635		X				↓	4 1	VOA G	X	X		
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) BS BRISA SALAZAR Received By: (Signature and Printed Name) Rick Owen Parker Rick Owen Parker Date: 11/1/12 Time: 1700

Relinquished By: (Signature and Printed Name) Rick Owen Parker Received By: (Signature and Printed Name) Date: 11/01/12 Time: 19:30

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

51893

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 11/1/12 PAGE 2 OF 2

LOG BOOK NO._____ FILE NO._____ LAB NO. 1211014

CLIENT NAME: Project Name/No. P.O. NO.

ADDRESS: See P.1

PROJECT MANAGER: PHONE NO: FAX NO:

SAMPLER NAME: (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID#

AIRBILL NO:

COOLER TEMP: 2.3 ice

PRESERVED:

REMARKS:

CR-45 04

	SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	ANALYSES REQUESTED: TPH EPA (C4-C44)	VOC (8260B / 1D35)	METALS	SAMPLE CONDITION/ CONTAINER/COMMENTS:
1	CR-45D4 -2-10	11/1	1120			X			N	1	S	X	X		
2	-2-15	"	1125			X			N	1	S				HOLD
3															
4															
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B. R. SANDOVAL Received By: (Signature and Printed Name) Date: 11/1/12 Time: 1442

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 11/1/12 Time: 15:15

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date_____

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

December 19, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1212103
Project Name: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on December 12, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4504-5-2.5 Soil (1212103-01) Sampled:12/11/12 21:20 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*110 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**14.2**		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
C23 - C32	**229**		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
C33 - C44	**154**		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/17/12	lk	BL21820
Surrogate: n-Tetracosane	*89.2 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/17/12*	*lk*	*BL21820*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Arsenic	**7.45**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Barium	**140**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Chromium	**20.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Cobalt	**9.49**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Copper	**23.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Lead	**40.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Nickel	**16.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Vanadium	**38.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Zinc	**79.8**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	12/13/12	12/13/12	MP	BL21306
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	12/13/12	12/13/12	ds	BL21305

Sample ID: CR-4504-5-5 Soil (1212103-02) Sampled:12/11/12 21:25 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*114 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*75.9 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*

Sample ID: CR-4504-5-10 Soil (1212103-03) Sampled:12/11/12 21:30 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**1.10**		1	mg/kg	0.500	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*133 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**2.64**		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*74.8 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4504-5-10 Soil (1212103-03) Sampled:12/11/12 21:30 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Benzene	**9.46**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Toluene	**8.69**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethylbenzene	**2.66**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
m,p-Xylene	**2.78**		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4504-5-10 Soil (1212103-03) Sampled:12/11/12 21:30 Received:12/12/12 08:20

Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Isopropylbenzene	**25.5**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Propylbenzene	**89.5**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
sec-Butylbenzene	**24.4**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Butylbenzene	**44.7**	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethanol	ND	1	ug/kg	1000	EPA 5035	EPA 8260B	12/14/12	12/19/12	mb	BL21706
Surrogate: Dibromofluoromethane	*97.9 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: Toluene-d8	*104 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: 4-Bromofluorobenzene	*117 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*

Sample ID: CR-4504-5-15 Soil (1212103-04) Sampled:12/11/12 21:35 Received:12/12/12 08:20

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	**391**		100	mg/kg	50.0	EPA 5030B	EPA 8015B	12/13/12	12/13/12	lk	BL21310
Surrogate: a,a,a-Trifluorotoluene	*250 %*	*DO*		*73-134*		*EPA 5030B*	*EPA 8015B*	*12/13/12*	*12/13/12*	*lk*	*BL21310*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**58.7**		1	mg/kg	2.50	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	12/14/12	12/16/12	lk	BL21820
Surrogate: n-Tetracosane	*84.3 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*12/14/12*	*12/16/12*	*lk*	*BL21820*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloromethane	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl chloride (Chloroethylene)	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromomethane (Methyl bromide)	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroethane	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichlorofluoromethane (FC-11)	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Acetone	ND		90	ug/kg	7200	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon disulfide	ND		90	ug/kg	3600	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethene	ND		90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methylene chloride (Dichloromethane)	ND		90	ug/kg	1800	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-butyl alcohol	ND		90	ug/kg	1800	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706

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3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4504-5-15 Soil (1212103-04) Sampled:12/11/12 21:35 Received:12/12/12 08:20

trans-1,2-Dichloroethene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Methyl tert-butyl ether (MTBE)	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloroethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Di-isopropyl ether	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Vinyl acetate	ND	90	ug/kg	3600	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethyl tert-butyl ether	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2,2-Dichloropropane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,2-Dichloroethene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Butanone (MEK)	ND	90	ug/kg	3600	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromochloromethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chloroform	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1-Trichloroethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tert-amyl methyl ether	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Carbon tetrachloride	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1-Dichloropropene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Benzene	ND	90	ug/kg	180	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloroethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Trichloroethene (TCE)	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichloropropane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromomethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dioxane	ND	90	ug/kg	7200	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromodichloromethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chloroethyl vinyl ether	ND	90	ug/kg	3600	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
cis-1,3-Dichloropropene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Methyl-2-pentanone (MIBK)	ND	90	ug/kg	3600	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Toluene	ND	90	ug/kg	180	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
trans-1,3-Dichloropropene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2-Trichloroethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Tetrachloroethene (PCE)	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichloropropane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Hexanone (MBK)	ND	90	ug/kg	3600	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Dibromochloromethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromoethane (EDB)	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Chlorobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,1,2-Tetrachloroethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Ethylbenzene	ND	90	ug/kg	180	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
m,p-Xylene	ND	90	ug/kg	180	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
o-Xylene	ND	90	ug/kg	180	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Styrene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromoform (Tribromomethane)	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Isopropylbenzene	**647**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Bromobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,1,2,2-Tetrachloroethane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichloropropane	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Propylbenzene	**2920**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
2-Chlorotoluene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Chlorotoluene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3,5-Trimethylbenzene	**1050**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
tert-Butylbenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trimethylbenzene	**549**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Sample ID: CR-4504-5-15 Soil (1212103-04) Sampled:12/11/12 21:35 Received:12/12/12 08:20

sec-Butylbenzene	**782**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,3-Dichlorobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
4-Isopropyltoluene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,4-Dichlorobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dichlorobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
n-Butylbenzene	**3080**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2-Dibromo-3-chloropropane (DBCP)	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,4-Trichlorobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Hexachlorobutadiene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Naphthalene	**494**	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
1,2,3-Trichlorobenzene	ND	90	ug/kg	360	EPA 5035	EPA 8260B	12/14/12	12/14/12	mb	BL21706
Surrogate: Dibromofluoromethane	*94.2 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: Toluene-d8	*109 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*
Surrogate: 4-Bromofluorobenzene	*102 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*12/14/12*	*12/14/12*	*mb*	*BL21706*

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21310 - EPA 5030B										
Blank Prepared & Analyzed: 12/13/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0311*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 12/13/12										
Gasoline	0.795	0.500	mg/kg	0.9096		87.4	70-127			
Matrix Spike Source: 1212108-02 Prepared & Analyzed: 12/13/12										
Gasoline	1.19	0.500	mg/kg	1.819	ND	65.2	58-133			
Matrix Spike Dup Source: 1212108-02 Prepared & Analyzed: 12/13/12										
Gasoline	1.08	0.500	mg/kg	1.819	ND	59.3	58-133	9.50	30	
Batch BL21820 - EPA 3546										
Blank Prepared: 12/14/12 Analyzed: 12/15/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*17.1*		mg/kg	*20.83*		*82.2*	*50-146*			
LCS Prepared: 12/14/12 Analyzed: 12/15/12										
Diesel	526	4.00	mg/kg	554.7		94.8	59-146			
Surrogate: n-Tetracosane	*15.2*		mg/kg	*20.83*		*72.9*	*63-142*			
LCS Dup Prepared: 12/14/12 Analyzed: 12/15/12										
Diesel	498	4.00	mg/kg	554.7		89.8	59-146	5.38	30	
Surrogate: n-Tetracosane	*15.0*		mg/kg	*20.83*		*71.8*	*63-142*			
Matrix Spike Source: 1212115-07 Prepared: 12/14/12 Analyzed: 12/16/12										
Diesel	98.1	4.00	mg/kg	110.9	2.52	86.2	54-163			
Surrogate: n-Tetracosane	*14.2*		mg/kg	*20.83*		*68.1*	*50-146*			
Matrix Spike Dup Source: 1212115-07 Prepared: 12/14/12 Analyzed: 12/16/12										
Diesel	112	4.00	mg/kg	110.9	2.52	98.7	54-163	13.5	30	
Surrogate: n-Tetracosane	*16.2*		mg/kg	*20.83*		*78.0*	*50-146*			
Batch BL21706 - EPA 5035										
Blank Prepared & Analyzed: 12/13/12										
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Acetone	ND	80.0	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21706 - EPA 5035										
1,1-Dichloroethene	ND	4.00	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
Tert-butyl alcohol	ND	20.0	ug/kg							
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Di-isopropyl ether	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
Ethyl tert-butyl ether	ND	4.00	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							
2-Butanone (MEK)	ND	40.0	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							
1,1,1-Trichloroethane	ND	4.00	ug/kg							
Tert-amyl methyl ether	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
Benzene	ND	2.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
Toluene	ND	2.00	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							
1,3-Dichloropropane	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21706 - EPA 5035										
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							
Isopropylbenzene	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							
4-Isopropyltoluene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Ethanol	ND	1000	ug/kg							
Surrogate: Dibromofluoromethane	*9.55*		ug/kg	*10.00*		*95.5*	*71-130*			
Surrogate: Toluene-d8	*10.3*		ug/kg	*10.00*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.64*		ug/kg	*10.00*		*96.4*	*66-131*			
LCS Prepared & Analyzed: 12/13/12										
1,1-Dichloroethene	24.7	4.00	ug/kg	20.00		123	70-129			
Methyl tert-butyl ether (MTBE)	21.5	4.00	ug/kg	20.00		108	64-131			
Benzene	21.7	2.00	ug/kg	20.00		108	75-125			
Trichloroethene (TCE)	21.4	4.00	ug/kg	20.00		107	72-121			
Toluene	20.6	2.00	ug/kg	20.00		103	68-126			
Chlorobenzene	20.5	4.00	ug/kg	20.00		102	71-117			
Ethanol	ND	1000	ug/kg				70-130			
Surrogate: Dibromofluoromethane	*10.0*		ug/kg	*10.00*		*100*	*78-126*			
Surrogate: Toluene-d8	*10.5*		ug/kg	*10.00*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.50*		ug/kg	*10.00*		*95.0*	*80-120*			
Matrix Spike Source: 1212108-05 Prepared & Analyzed: 12/19/12										
1,1-Dichloroethene	18.5	4.00	ug/kg	20.00	ND	92.6	65-130			
Benzene	19.0	2.00	ug/kg	20.00	3.93	75.2	59-129			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21706 - EPA 5035										
Trichloroethene (TCE)	19.2	4.00	ug/kg	20.00	ND	95.8	58-134			
Toluene	18.9	2.00	ug/kg	20.00	2.76	80.7	59-123			
Chlorobenzene	18.5	4.00	ug/kg	20.00	ND	92.6	66-122			
Surrogate: Dibromofluoromethane	*9.95*		ug/kg	*10.00*		*99.5*	*73-135*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.77*		ug/kg	*10.00*		*97.7*	*66-131*			
Matrix Spike Dup Source: 1212108-05 Prepared & Analyzed: 12/19/12										
1,1-Dichloroethene	18.3	4.00	ug/kg	20.00	ND	91.4	65-130	1.36	30	
Benzene	18.7	2.00	ug/kg	20.00	3.93	73.6	59-129	2.08	30	
Trichloroethene (TCE)	18.6	4.00	ug/kg	20.00	ND	92.9	58-134	3.07	30	
Toluene	18.3	2.00	ug/kg	20.00	2.76	77.7	59-123	3.79	30	
Chlorobenzene	18.1	4.00	ug/kg	20.00	ND	90.6	66-122	2.18	30	
Surrogate: Dibromofluoromethane	*10.1*		ug/kg	*10.00*		*101*	*73-135*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.82*		ug/kg	*10.00*		*98.2*	*66-131*			
Batch BL21306 - EPA 3050B										
Blank Prepared & Analyzed: 12/13/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Antimony	43.3	2.50	mg/kg	49.75		87.0	60-140			
Arsenic	174	1.00	mg/kg	200.0		87.1	80-120			
Barium	203	1.00	mg/kg	199.2		102	80-120			
Beryllium	4.53	1.00	mg/kg	4.970		91.2	80-120			
Cadmium	4.92	1.00	mg/kg	5.040		97.7	80-120			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Chromium	20.0	1.00	mg/kg	19.94		100	80-120			
Cobalt	49.2	1.00	mg/kg	49.87		98.7	80-120			
Copper	25.4	1.00	mg/kg	24.82		103	80-120			
Lead	49.1	1.00	mg/kg	50.00		98.3	80-120			
Molybdenum	46.8	1.00	mg/kg	50.00		93.6	80-120			
Nickel	50.0	1.00	mg/kg	50.10		99.7	80-120			
Selenium	167	1.00	mg/kg	199.5		83.9	80-120			
Silver	4.93	1.00	mg/kg	4.990		98.8	80-120			
Thallium	190	1.00	mg/kg	200.5		94.7	80-120			
Vanadium	46.2	1.00	mg/kg	49.87		92.7	80-120			
Zinc	48.0	5.00	mg/kg	50.00		96.1	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.2	2.50	mg/kg	49.75	ND	68.7	60-140			
Arsenic	185	1.00	mg/kg	200.0	4.94	90.0	75-125			
Barium	355	1.00	mg/kg	199.2	167	94.3	75-125			
Beryllium	5.22	1.00	mg/kg	4.970	0.644	92.0	75-125			
Cadmium	4.80	1.00	mg/kg	5.040	0.213	91.0	75-125			
Chromium	39.5	1.00	mg/kg	19.94	21.6	89.4	75-125			
Cobalt	57.5	1.00	mg/kg	49.87	13.4	88.4	75-125			
Copper	52.8	1.00	mg/kg	24.82	28.0	99.8	75-125			
Lead	47.9	1.00	mg/kg	50.00	4.26	87.2	75-125			
Molybdenum	46.5	1.00	mg/kg	50.00	0.460	92.1	75-125			
Nickel	61.7	1.00	mg/kg	50.10	16.2	90.8	75-125			
Selenium	173	1.00	mg/kg	199.5	ND	86.7	75-125			
Silver	4.96	1.00	mg/kg	4.990	ND	99.5	75-125			
Thallium	177	1.00	mg/kg	200.5	ND	88.4	75-125			
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125			
Zinc	108	5.00	mg/kg	50.00	67.0	81.7	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Antimony	34.4	2.50	mg/kg	49.75	ND	69.2	60-140	0.620	30	
Arsenic	186	1.00	mg/kg	200.0	4.94	90.5	75-125	0.520	30	
Barium	356	1.00	mg/kg	199.2	167	95.1	75-125	0.823	30	
Beryllium	5.23	1.00	mg/kg	4.970	0.644	92.3	75-125	0.381	30	
Cadmium	4.85	1.00	mg/kg	5.040	0.213	91.9	75-125	0.961	30	
Chromium	40.4	1.00	mg/kg	19.94	21.6	93.9	75-125	4.97	30	
Cobalt	58.0	1.00	mg/kg	49.87	13.4	89.4	75-125	1.11	30	
Copper	52.4	1.00	mg/kg	24.82	28.0	98.4	75-125	1.47	30	
Lead	48.7	1.00	mg/kg	50.00	4.26	88.9	75-125	1.96	30	
Molybdenum	46.8	1.00	mg/kg	50.00	0.460	92.6	75-125	0.565	30	
Nickel	61.9	1.00	mg/kg	50.10	16.2	91.2	75-125	0.523	30	
Selenium	174	1.00	mg/kg	199.5	ND	87.5	75-125	0.896	30	

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 12/19/12 13
Submitted: 12/12/12
PLS Report No.: 1212103

Project: MTA Crenshaw - Rodeo / P.O. # 100-PEN-T30168

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BL21306 - EPA 3050B										
Silver	4.92	1.00	mg/kg	4.990	ND	98.6	75-125	0.845	30	
Thallium	178	1.00	mg/kg	200.5	ND	88.7	75-125	0.408	30	
Vanadium	101	1.00	mg/kg	49.87	57.1	87.4	75-125	0.00733	30	
Zinc	108	5.00	mg/kg	50.00	67.0	82.7	75-125	1.22	30	
Batch BL21305 - EPA 7471A										
Blank Prepared & Analyzed: 12/13/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared & Analyzed: 12/13/12										
Mercury	0.795	0.100	mg/kg	0.8283		96.0	80-120			
Matrix Spike Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.831	0.100	mg/kg	0.8283	0.0396	95.5	75-125			
Matrix Spike Dup Source: 1212102-01 Prepared & Analyzed: 12/13/12										
Mercury	0.877	0.100	mg/kg	0.8283	0.0396	101	75-125	5.65	25	

Notes and Definitions

DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

14793

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 12/11/12 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 121203

CLIENT NAME: TETRA TECH INC Project Name/No. CRENSHAW MTA RODEO P.O. NO. 100-PEN-T3068

ADDRESS: 3475 E. FOOTHILL BLVD PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

AIRBILL NO: _____

COOLER TEMP: 2.5

PRESERVED: _____

REMARKS:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	ANALYSES REQUESTED: TPHd (C4-C44)	VOC (8260B/5035)	TTLC METALS	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		12/11/12	720	CR-SS04-5 - 2.5		X			N	1	G	X		X	
2			725	-5						1	P	X			
3			730	-10						4	V/P	X	X		
4			735	-15						4	V/P	X	X		
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B.R SALAZAR (TT) Received By: (Signature and Printed Name) Date: 12/11/12 Time: 8:20

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name)

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 12/12/12 Time: 12:32

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days
By _____ Date _____

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

January 15, 2013

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1301037
Project Name: MTA Crenshaw - Rodeo Phase II (Requested 01/08/13)

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 01/15/13 13
Submitted: 11/01/12
PLS Report No.: 1301037

Project: MTA Crenshaw - Rodeo Phase II (Requested 01/08/13)

Sample ID: CR-4504-2-2.5 Soil (1301037-01) Sampled:11/01/12 11:00 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Lead	**1.33**		1	mg/L	0.500	DHS WET	EPA 6010B	01/08/13	01/10/13	mp	BA31014

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BA31014 - DHS WET										
Blank Prepared: 01/08/13 Analyzed: 01/10/13										
Lead	ND	0.500	mg/L							
LCS Prepared: 01/08/13 Analyzed: 01/10/13										
Lead	4.81	0.500	mg/L	5.000		96.2	80-120			
Replicate Source: 1301037-01 Prepared: 01/08/13 Analyzed: 01/10/13										
Lead	1.30	0.500	mg/L		1.33			2.55	30	
Post Spike Source: 1301037-01 Prepared: 01/08/13 Analyzed: 01/10/13										
Lead	5.83		mg/L	5.000	1.33	90.0	70-130			

Notes and Definitions

NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

1301037 51891

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11/1/12 PAGE 1 OF 2

LOG BOOK NO._____ FILE NO._____ LAB NO. 124016

CLIENT NAME: TETRA TECH Project Name/No. MTA CRENSHAW RODEO PHASE II P.O. NO.

ADDRESS: 348 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

AIRBILL NO:_____

COOLER TEMP: 2.3°C

PRESERVED:_____

REMARKS:
CR-4504
-EARLIER CRIME CHM FACTORY

ANALYSES REQUESTED: TPH CC (C4-C44) | VOC (8260B 8021B) | METALS (6010B/7400) | STLC Pb added 11/9/12 by Bonnie S. | | | | | |

	SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	SAMPLE CONDITION/ CONTAINER/COMMENTS:
1	CR-4504-1-2	11/1	0845			X			N	4	V/J	
2	CR-4504-1-5	11/1	0845			X				1	SLEEVE	
3	CR-4504-1-11		0850			X				1 / 3	SLEEVE / V	
4	CR-4504-1-15		0900			X				1 / 3	JAR / X	
5	CR-4504-3-7.5		1005			X				1	J	
6	CR-4504-3-5		1015			X				1	S	HOLD
7	CR-4504-3-10		1020			X				1 / 3	S / V	
8	CR-4504-3-15		1025			X				1	S	HOLD
9	CR-4504-2-2.5		1100			X				1	J	
10	CR-4504-2-5		1110			X				1	S	HOLD

Relinquished By: (Signature and Printed Name) B SALAZAR Received By: (Signature and Printed Name) Date: 11/1/12 Time: 1445

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 11/1/12 Time: 15:15

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date_____

LAB COPY

1301037 51893

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11/1/12 PAGE 2 OF 2

LOG BOOK NO._____ FILE NO._____ LAB NO. 12H0114

CLIENT NAME: Project Name/No. P.O. NO.

ADDRESS: See P.1

PROJECT MANAGER: PHONE NO: FAX NO:

SAMPLER NAME: (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID#

AIRBILL NO:_____

COOLER TEMP: 2.3°

PRESERVED:_____

REMARKS:

CR-45 04

ANALYSES REQUESTED: TPHEG (C4-C44) | VOC (8260B /8033) | METALS

	SAMPLE ID	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	SAMPLE CONDITION/ CONTAINER/COMMENTS:
1	CR-45D4 -2-10	11/1	1120			X			N	3	V	
2	-2-15	11/1	1125			X			N	1	S	HOLD
3												
4												
5												
6												
7												
8												
9												
10												

Relinquished By: (Signature and Printed Name) B. K. SAMARA — Received By: (Signature and Printed Name) — Date: 11/1/12 Time: 1442

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: 11/1/12 Time: 15:15

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date_____

LAB COPY

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

November 05, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1211017
Project Name: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4504-1-7' (1 Purge) Air (2) (1211017-01) Sampled:11/01/12 12:17 Received:11/01/12 17:14

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	**3.79**		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	**0.173**		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	**134**	E-01	1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*98.4 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*160 %*	*D0*		*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*110 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

Sample ID: CR-4504-1-7' (3 Purge) Air (2) (1211017-02) Sampled:11/01/12 12:45 Received:11/01/12 17:14

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(213) 745-5312 FAX (213) 745-6372

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File #:75048
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Submitted: 11/01/12
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Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4504-1-7' (3 Purge) Air (2) (1211017-02) Sampled:11/01/12 12:45 Received:11/01/12 17:14

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	**2.46**		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	**94.3**	E-01	1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*93.2 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*138 %*	*DO*		*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*108 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

Sample ID: CR-4504-1-7' (10 Purge) Air (2) (1211017-03) Sampled:11/01/12 13:16 Received:11/01/12 17:14

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Sample ID: CR-4504-1-7' (10 Purge) Air (2) (1211017-03) Sampled:11/01/12 13:16 Received:11/01/12 17:14

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	**5.71**		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	**0.258**		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	**0.204**		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	**204**	E-01	1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*95.6 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*161 %*	*DO*		*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*109 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

Sample ID: CR-4504-1-15' (1 Purge) Air (2) (1211017-04) Sampled:11/01/12 14:30 Received:11/01/12 17:14

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

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Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4504-1-15' (1 Purge) Air (2) (1211017-04) Sampled:11/01/12 14:30 Received:11/01/12 17:14

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	**0.399**		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	**0.181**		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	**7.67**		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*96.1 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*106 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*107 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

Sample ID: CR-4504-3-7.5' (10 Purge) Air (2) (1211017-05) Sampled:11/01/12 16:45 Received:11/01/12 17:14

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

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Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4504-3-7.5' (10 Purge) Air (2) (1211017-05) Sampled:11/01/12 16:45 Received:11/01/12 17:14

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*101 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*98.2 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*108 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

Sample ID: CR-4504-3-13' (1 Purge) Air (2) (1211017-06) Sampled:11/01/12 17:14 Received:11/01/12 17:14

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4504-3-13' (1 Purge) Air (2) (1211017-06) Sampled:11/01/12 17:14 Received:11/01/12 17:14

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	**0.0370**		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*104 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*99.4 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*104 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
Blank Prepared & Analyzed: 11/01/12										
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.0100	ug/l							
Chloroethane	ND	0.0300	ug/l							
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l							
Acetone	ND	1.00	ug/l							
1,1-Dichloroethene	ND	0.0250	ug/l							
Methylene chloride (Dichloromethane)	ND	0.100	ug/l							
trans-1,2-Dichloroethene	ND	0.0150	ug/l							
1,1-Dichloroethane	ND	0.0150	ug/l							
2,2-Dichloropropane	ND	0.0150	ug/l							
cis-1,2-Dichloroethene	ND	0.0150	ug/l							
2-Butanone (MEK)	ND	0.200	ug/l							
Chloroform	ND	0.0250	ug/l							
1,1,1-Trichloroethane	ND	0.0150	ug/l							
Carbon tetrachloride	ND	0.0150	ug/l							
1,1-Dichloropropene	ND	0.0150	ug/l							
Benzene	ND	0.0250	ug/l							
1,2-Dichloroethane	ND	0.0150	ug/l							
Trichloroethene (TCE)	ND	0.0150	ug/l							
1,2-Dichloropropane	ND	0.0150	ug/l							
cis-1,3-Dichloropropene	ND	0.0250	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l							
Toluene	ND	0.200	ug/l							
trans-1,3-Dichloropropene	ND	0.0250	ug/l							
1,1,2-Trichloroethane	ND	0.0250	ug/l							
Tetrachloroethene (PCE)	ND	0.0250	ug/l							
1,3-Dichloropropane	ND	0.0250	ug/l							
Dibromochloromethane	ND	0.0250	ug/l							
Chlorobenzene	ND	0.0250	ug/l							
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l							
Ethylbenzene	ND	0.150	ug/l							
m,p-Xylene	ND	0.200	ug/l							
o-Xylene	ND	0.150	ug/l							
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l							
1,2,3-Trichloropropane	ND	0.0250	ug/l							
Methyl tert-butyl ether (MTBE)	ND	0.0150	ug/l							
1,4-Dioxane	ND	0.250	ug/l							
Tert-butyl alcohol	ND	0.150	ug/l							
Di-isopropyl ether	ND	0.0150	ug/l							
Ethyl tert-butyl ether	ND	0.0150	ug/l							

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
Tert-amyl methyl ether	ND	0.0150	ug/l							
Cyclohexane	ND	0.100	ug/l							
Freon 113	ND	0.0250	ug/l							
Isopropyl Alcohol (IPA)	ND	0.500	ug/l							
Surrogate: Dibromofluoromethane	*9.98*		ug/l	*10.00*		*99.8*	*70-130*			
Surrogate: Toluene-d8	*9.93*		ug/l	*10.00*		*99.3*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*10.1*		ug/l	*10.00*		*101*	*70-130*			
LCS Prepared & Analyzed: 11/01/12										
1,1-Dichloroethene	9.08	0.0250	ug/l	10.00		90.8	70-130			
Benzene	10.0	0.0250	ug/l	10.00		100	70-130			
Trichloroethene (TCE)	10.5	0.0150	ug/l	10.00		105	70-130			
Toluene	10.4	0.200	ug/l	10.00		104	70-130			
Chlorobenzene	10.5	0.0250	ug/l	10.00		105	70-130			
Methyl tert-butyl ether (MTBE)	10.2	0.0150	ug/l	10.00		102	70-130			
Surrogate: Dibromofluoromethane	*10.1*		ug/l	*10.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*10.2*		ug/l	*10.00*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*10.1*		ug/l	*10.00*		*101*	*70-130*			
Duplicate Source: 1211017-02 Prepared & Analyzed: 11/01/12										
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l		ND				20	
Vinyl chloride (Chloroethylene)	ND	0.0100	ug/l		ND				20	
Chloroethane	ND	0.0300	ug/l		ND				20	
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l		ND				20	
Acetone	ND	1.00	ug/l		ND				20	
1,1-Dichloroethene	ND	0.0250	ug/l		ND				20	
Methylene chloride (Dichloromethane)	ND	0.100	ug/l		ND				20	
trans-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
1,1-Dichloroethane	ND	0.0150	ug/l		ND				20	
2,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
2-Butanone (MEK)	ND	0.200	ug/l		ND				20	
Chloroform	ND	0.0250	ug/l		ND				20	
1,1,1-Trichloroethane	ND	0.0150	ug/l		ND				20	
Carbon tetrachloride	ND	0.0150	ug/l		ND				20	
1,1-Dichloropropene	ND	0.0150	ug/l		ND				20	
Benzene	2.19	0.0250	ug/l		2.46			11.3	20	
1,2-Dichloroethane	ND	0.0150	ug/l		ND				20	
Trichloroethene (TCE)	ND	0.0150	ug/l		ND				20	
1,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l		ND				20	
Toluene	ND	0.200	ug/l		ND				20	

POSITIVE LAB SERVICE

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
trans-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
1,1,2-Trichloroethane	ND	0.0250	ug/l		ND				20	
Tetrachloroethene (PCE)	ND	0.0250	ug/l		ND				20	
1,3-Dichloropropane	ND	0.0250	ug/l		ND				20	
Dibromochloromethane	ND	0.0250	ug/l		ND				20	
Chlorobenzene	ND	0.0250	ug/l		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
Ethylbenzene	ND	0.150	ug/l		ND				20	
m,p-Xylene	ND	0.200	ug/l		ND				20	
o-Xylene	ND	0.150	ug/l		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
1,2,3-Trichloropropane	ND	0.0250	ug/l		ND				20	
Methyl tert-butyl ether (MTBE)	ND	0.0150	ug/l		ND				20	
1,4-Dioxane	ND	0.250	ug/l		ND				20	
Tert-butyl alcohol	ND	0.150	ug/l		ND				20	
Di-isopropyl ether	ND	0.0150	ug/l		ND				20	
Ethyl tert-butyl ether	ND	0.0150	ug/l		ND				20	
Tert-amyl methyl ether	ND	0.0150	ug/l		ND				20	
Cyclohexane	84.3	0.100	ug/l		94.3			11.2	20	E-01
Freon 113	ND	0.0250	ug/l		ND				20	
Isopropyl Alcohol (IPA)	ND	0.500	ug/l		ND				20	
Surrogate: Dibromofluoromethane	*9.29*		ug/l	*10.00*		*92.9*	*70-130*			
Surrogate: Toluene-d8	*13.4*		ug/l	*10.00*		*134*	*70-130*			*DO*
Surrogate: 4-Bromofluorobenzene	*10.5*		ug/l	*10.00*		*105*	*70-130*			
Duplicate Source: 1211017-05 Prepared & Analyzed: 11/01/12										
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l		ND				20	
Vinyl chloride (Chloroethylene)	ND	0.0100	ug/l		ND				20	
Chloroethane	ND	0.0300	ug/l		ND				20	
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l		ND				20	
Acetone	ND	1.00	ug/l		ND				20	
1,1-Dichloroethene	ND	0.0250	ug/l		ND				20	
Methylene chloride (Dichloromethane)	ND	0.100	ug/l		ND				20	
trans-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
1,1-Dichloroethane	ND	0.0150	ug/l		ND				20	
2,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
2-Butanone (MEK)	ND	0.200	ug/l		ND				20	
Chloroform	ND	0.0250	ug/l		ND				20	
1,1,1-Trichloroethane	ND	0.0150	ug/l		ND				20	
Carbon tetrachloride	ND	0.0150	ug/l		ND				20	
1,1-Dichloropropene	ND	0.0150	ug/l		ND				20	

POSITIVE LAB SERVICE

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
Benzene	ND	0.0250	ug/l		ND				20	
1,2-Dichloroethane	ND	0.0150	ug/l		ND				20	
Trichloroethene (TCE)	ND	0.0150	ug/l		ND				20	
1,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l		ND				20	
Toluene	ND	0.200	ug/l		ND				20	
trans-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
1,1,2-Trichloroethane	ND	0.0250	ug/l		ND				20	
Tetrachloroethene (PCE)	ND	0.0250	ug/l		ND				20	
1,3-Dichloropropane	ND	0.0250	ug/l		ND				20	
Dibromochloromethane	ND	0.0250	ug/l		ND				20	
Chlorobenzene	ND	0.0250	ug/l		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
Ethylbenzene	ND	0.150	ug/l		ND				20	
m,p-Xylene	ND	0.200	ug/l		ND				20	
o-Xylene	ND	0.150	ug/l		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
1,2,3-Trichloropropane	ND	0.0250	ug/l		ND				20	
Methyl tert-butyl ether (MTBE)	ND	0.0150	ug/l		ND				20	
1,4-Dioxane	ND	0.250	ug/l		ND				20	
Tert-butyl alcohol	ND	0.150	ug/l		ND				20	
Di-isopropyl ether	ND	0.0150	ug/l		ND				20	
Ethyl tert-butyl ether	ND	0.0150	ug/l		ND				20	
Tert-amyl methyl ether	ND	0.0150	ug/l		ND				20	
Cyclohexane	ND	0.100	ug/l		ND				20	
Freon 113	ND	0.0250	ug/l		ND				20	
Isopropyl Alcohol (IPA)	ND	0.500	ug/l		ND				20	
Surrogate: Dibromofluoromethane	*10.3*		ug/l	*10.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*10.2*		ug/l	*10.00*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*10.4*		ug/l	*10.00*		*104*	*70-130*			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211017

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Notes and Definitions

E-01	The concentration for this analyte is an estimated value above the calibration range.
DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

76079

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11-01-12 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 1211017

CLIENT NAME: Tetra Tech Project Name/No. MTA Crenshaw Rodeo P.O. NO.

ADDRESS: 3475 E. Foothill Blvd., Pasadena, CA 91107

PROJECT MANAGER: B. Salazar PHONE NO: (818)445-7677 FAX NO:

SAMPLER NAME: Rick Owen Parker (Printed) Rick Owen Parker (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

AIRBILL NO: _____

COOLER TEMP: 69°F (In-Lab Ambient)

PRESERVED: _____

REMARKS:

ANALYSES REQUESTED: EPA 8260B (Voc - Air)

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	11/01/12	12:17	CR-4504-1-7' (1 Purge)				/	0	1	G	
2	2		12:45	CR-4504-1-7' (3 Purges)				/		1		
3	3		13:16	CR-4504-1-7' (10 Purges)				/		1		
4	4		14:30	CR-4504-1-15' (1 Purge)				/		1		
5	5		16:45	CR-4504-3-7.5' (10 Purges)				/		2		Includes QC Dup
6	6	↓	17:14	CR-4504-3-13' (1 Purge)				/	↓	1	↓	
7												
8												
9												
10												

Relinquished By: (Signature and Printed Name) Rick Owen Parker — Received By: (Signature and Printed Name) — Date: 11/01/12 Time: 19:30

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: Time:

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 1)

Laboratory Name:	Baseline Analytical Services
Address:	P.O. Box 2243 Huntington Beach, California 92647
Telephone/FAX:	(714) 273-2955 / (714) 840-1584
ELAP Certification Number:	2284 Expiration Date: January 31, 2014
Authorized Signature Name, Title (print)	Brian Kato, Laboratory Manager
Signature, Date	Brian K. Kato, 20 December 2012
Client Name:	Millennium Environmental, Inc.
Project Name:	Crenshaw & Rodeo (CR-4504)
Project Address:	NE corner Crenshaw/Rodeo, Los Angeles, California
Date(s) Sampled:	12/12/12
Date(s) Received:	12/12/12
Date(s) Reported:	12/12/12
Chain of Custody Received:	Yes
Comments:	Sample Matrix: Vapor

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 2)

Organic Analyses	Number of Samples	Number of Samples Subcontracted
VOC's (EPA 8260B)	3 Samples (including duplicates & blanks)	0

Sample Condition: good

Inorganic Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Microbiological Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Other Types of Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: µg/L

	DATE ANALYZED		12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
	DATE EXTRACTED		12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
	CLIENT SAMPLE I.D		**CR-4504-5 7.5'**	**CR-4504-5 15'**	**Equipment Blank**			**Method Blank**
	EXTRACTION GAS		Helium	Helium	Helium			Helium
	EXTRACTION METHOD		EPA 5330	EPA 5330	EPA 5330			EPA 5330
	DILUTION FACTOR		1	1	1			1
ANALYTE	MDL	PQL						
Benzene	0.050	0.10	ND<0.050	1.2	ND<0.050			ND<0.050
Toluene	0.050	0.10	ND<0.050	9.5	ND<0.050			ND<0.050
Ethylbenzene	0.050	0.10	ND<0.050	13	ND<0.050			ND<0.050
Total Xylenes	0.050	0.10	ND<0.050	2.2	ND<0.050			ND<0.050
Methyl t-Butyl Ether (MTBE)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
t-Butanol (TBA)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
Di-Isopropyl Ether (DIPE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Ethyl t-Butyl Ether (ETBE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
t-Amyl Methyl Ether (TAME)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Ethanol	25	50	ND<25	ND<25	ND<25			ND<25
Acetone	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
2-Butanone (MEK)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
n-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
sec-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
tert-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Cyclohexane	0.050	0.10	1.0	44	ND<0.050			ND<0.050
Isopropyl Alchohol	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
Isopropylbenzene	0.050	0.10	ND<0.050	42	ND<0.050			ND<0.050
p-isopropyltoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
4-Methyl-9-pentanone (MIBK)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5
Naphthalene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
n-Propylbenzene	0.050	0.10	ND<0.050	68	ND<0.050			ND<0.050
Styrene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,4-Trimethylbenzene	0.050	0.10	ND<0.050	2.8	ND<0.050			ND<0.050
1,3,5-Trimethylbenzene	0.050	0.10	ND<0.050	13	ND<0.050			ND<0.050
Bromobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromoform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Bromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Carbon Tetrachloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
2-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
4-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Chlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor **REPORTING UNITS: µg/L**

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
CLIENT SAMPLE I.D			**CR-4504-5 7.5'**	**CR-4504-5 15'**	**Equipment Blank**			**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium			Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330			EPA 5330
DILUTION FACTOR			1	1	1			1
ANALYTE	MDL	PQL						
Chloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Chloroform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Chloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Dibromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dibromo-10-Chloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dibromoethane (EDB)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Dibromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,3-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,4-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Dichlorodifluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1-Dichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dichloroethane (EDC)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
cis-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
trans-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,3-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
2,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
cis-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
trans-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Freon 113	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Hexachlorobutadiene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Methylene Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Tetrachloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,1,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,2,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,3-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,4-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,1-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,1,2-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Trichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Trichlorofluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
1,2,3-Trichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
Vinyl Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050			ND<0.050
IPA (tracer ANALYTE)	2.5	10	ND<2.5	ND<2.5	ND<2.5			ND<2.5

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

QA/QC Report - Vapor Samples

II. Lab Control Sample (LCS)/Lab Control Sample Duplicate (LCSD)

Date Performed: 12/12/12
Batch #: GCVOC1-12DEC2012 Analytical Method: 8260B
Instrument ID: GCVOC1 Units: ug/L

Analyte	Sample Result	Spike Conc.	LCS	%LCS	Spike Conc.	LCSD	%LCSD	RPD	LCS/LCSD Limit	RPD Limit
1,1-Dichloroethene	ND	10	9.3	93	10	9.0	90	3	65-130	0-15
Benzene	ND	10	9.4	94	10	8.8	88	7	65-130	0-15
Trichloroethene	ND	10	9.1	91	10	9.2	92	1	65-130	0-15
Toluene	ND	10	9.8	98	10	9.5	95	3	65-130	0-15
Chlorobenzene	ND	10	9.9	99	10	9.7	97	2	65-130	0-15

ATTACHMENT:

(1) Results in Units of Parts Per Million by Volume (PPMv)

(2) Chain-of-Custody (C-O-C)

(3) Field Notes

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

		DATE ANALYZED	12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
		DATE EXTRACTED	12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
		CLIENT SAMPLE I.D	**CR-4504-5 7.5'**	**CR-4504-5 15'**	**Equipment Blank**			**Method Blank**
		EXTRACTION GAS	Helium	Helium	Helium			Helium
		EXTRACTION METHOD	EPA 5330	EPA 5330	EPA 5330			EPA 5330
		DILUTION FACTOR	1	1	1			1
ANALYTE	MDL	PQL						
Benzene	0.010	0.020	ND<0.010	0.38	ND<0.010			ND<0.010
Toluene	0.010	0.020	ND<0.010	2.5	ND<0.010			ND<0.010
Ethylbenzene	0.010	0.020	ND<0.010	3.0	ND<0.010			ND<0.010
Total Xylenes	0.010	0.020	ND<0.010	0.51	ND<0.010			ND<0.010
Methyl t-Butyl Ether (MTBE)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
t-Butanol (TBA)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Di-Isopropyl Ether (DIPE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10			ND<0.10
Ethyl t-Butyl Ether (ETBE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10			ND<0.10
t-Amyl Methyl Ether (TAME)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10			ND<0.10
Ethanol	5.0	10	ND<5.0	ND<5.0	ND<5.0			ND<5.0
Acetone	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
2-Butanone (MEK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
n-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
sec-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
tert-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Cyclohexane	0.010	0.020	0.30	13	ND<0.010			ND<0.010
Isopropyl Alchohol	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Isopropylbenzene	0.010	0.020	ND<0.010	8.5	ND<0.010			ND<0.010
p-isopropyltoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
4-Methyl-9-pentanone (MIBK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50
Naphthalene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
n-Propylbenzene	0.010	0.020	ND<0.010	14	ND<0.010			ND<0.010
Styrene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,4-Trimethylbenzene	0.010	0.020	ND<0.010	0.57	ND<0.010			ND<0.010
1,3,5-Trimethylbenzene	0.010	0.020	ND<0.010	2.6	ND<0.010			ND<0.010
Bromobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromoform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Bromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Carbon Tetrachloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
2-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
4-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Chlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: Crenshaw & Rodeo (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

DATE ANALYZED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
DATE EXTRACTED			12-Dec-12	12-Dec-12	12-Dec-12			12-Dec-12
CLIENT SAMPLE I.D			**CR-4504-5 7.5'**	**CR-4504-5 15'**	**Equipment Blank**			**Method Blank**
EXTRACTION GAS			Helium	Helium	Helium			Helium
EXTRACTION METHOD			EPA 5330	EPA 5330	EPA 5330			EPA 5330
DILUTION FACTOR			1	1	1			1
ANALYTE	MDL	PQL						
Chloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Chloroform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Chloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Dibromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dibromo-10-Chloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dibromoethane (EDB)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Dibromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,3-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,4-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Dichlorodifluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1-Dichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dichloroethane (EDC)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
cis-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
trans-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,3-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
2,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
cis-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
trans-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Freon 113	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Hexachlorobutadiene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Methylene Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Tetrachloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,1,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,2,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,3-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,4-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,1-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,1,2-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Trichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Trichlorofluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
1,2,3-Trichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
Vinyl Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010			ND<0.010
IPA (tracer ANALYTE)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50			ND<0.50

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Millennium Environmental, Inc.	Project Name: Crenshaw & Rodeo
2936 East Coronado Street	Project Address: NE corner Crenshaw/Rodeo
Anaheim, California 92806	Los Angeles, CA
ph 714.238.1122; fax 714.238.1166	Project Number: ---
Contact: Mindy Rigney	

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Laboratory Project #: **12549-2**

Sample ID	Date	Time	Lab ID	Soil (S), Water (W), Vapor (V)	Analysis: VOC's (8260B)	Number of Containers	Comments
Equipment Blank	12-Dec-12	1700	1	V	X	2	Flowrate: 200 ml/min
CR-4504-5-7.5'	12-Dec-12	2115	2	V	X	2	< Adjacent to Earlez Grille
CR-4504-5-15'	12-Dec-12	2135	3	V	X	2	< Adjacent to Earlez Grille

Turnaround Time: On-Site Mobile Laboratory; samples were reliquished at the date(s)/times shown above.

Sample Condition: Chilled? Y / N Sealed? Y / N Comments:

Sampled & Analyzed by: Date/times above

signature: x Brian K. Cato

of Baseline Analytical Services

Special Instructions/Comments:

Leak Detection Compound: IPA

BASELINE ON-SITE ANALYSIS™

P. O. Box 2243
Huntington Beach, California 92647

Phone: (888) 753-7553
FAX: (714) 840-1584

Soil Gas Survey Field Notes: 12 December 2012

Client Information	*Project Information*		*Baseline Analytical Information*	
Millennium Environmental, Inc.	Project Name	Crenshaw & Rodeo	Analyst Name	Brian Kato
2936 East Coronado Street	Project Address	NE cnr Crenshaw/Rodeo	Telephone Number	
Anaheim, California		Los Angeles, CA		714.273.2955
ph 714.238.1122; fax 714.238.1166	Start Time:	12/12/12, 1700	E-mail Address:	BrianKato@MSN.com
Report to: Mindy Rigney				

(1) Site Conditions: At 1700, the outside temperature is 58 deg F; overcast skies

(2) Vapor Well Construction:

A probe tip is set in a sand pack with Teflon tubing leading to the surface.
The tubing ends are capped and are protected by a steel plate cover.

Sand Pack Specifications:

		Converts to: (cm)
Diameter: 2.25	inches	5.715
Height: 1	feet	30.48
Material: Sand		

Tubing Specifications:

		Converts to: (cm)
Outer Diameter 0.25	inches	0.635
Inner Diameter: 0.17	inches	0.432
Lengths: 7.5', 15'		
Material: Teflon		

(3) Purge Volume & Time Calculation

Component	Diameter	X-Sect Area	Length or Height	Length or Height	Volume	Sand Pack times 0.30 porosity Volume	Tubing Purge Volumes (ml) 1 pv	(ml) 3 pv	(ml) 10 pv
	(cm)	(cm^2)	(feet)	(cm)	(ml)	(ml)			
Tubing (7.5' bgs)	0.432	0.146	7.5	229	33.5	---	33	100	335
Tubing (15' bgs)	0.432	0.146	15	457	67.0	---	67	201	670
Sand Pack	5.72	25.65	1	30.5	782	235	235	704	2346
						Flow rate (ml/min):	200	200	200
						7.5' BGS: Purge Time (minutes):	1.34	4.02	13.40
						15' BGS: Purge Time (minutes):	1.51	4.52	15.08

Purge Time Calculation:

Total PV = Sand Pack Volume + Tubing Volume

Purge Time = (Total PV)/Flowrate

Purge Volume Test was previously conducted: *Remove 10 purge volumes prior to each sample collection.*

(4) Pump Specifications

Pump Model: AIRCHEK SAMPLER
Vender: SKC, Inc.
Model Number: 224-PCXR4

Description: A portable battery-powered pump with an adjustable flow-rate and a built-in flow indicator, meter, & timer. The flow was set for a fixed rate of 200ml/min.

Comments/Observations/Special Instructions:

On-site: for TetraTech, Inc., Mr. Berwyn Salazar is the site supervisor and Health & Safety Officer. Millennium set the probes on the previous night (12/11/12); the rig is on-site for soil sample collection & vapor probe abandonment. Work is to be conducted from 5:00-11:00PM; the samples adjacent to Earlez Grille must be collected after 9:00 PM. Mr. Salazar requests that concentration values be reported for cyclohexane.

Sampled and Analyzed by

signature: x Brian K. Kato

BASELINE ON-SITE ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Phone: (888) 753-7553
FAX: (714) 840-1584

Appendix C – Photos

Direct Push drilling – soil sampling

Abandoned sampling location after sampling was completed

Investigation Derived Waste (IDW) drum

Soil Gas Sampling

Phase II Environmental Site Assessment (ESA) Report
Parcel Number – CR-4506
3510 Exposition Boulevard
Los Angeles, CA 90016

LACMTA Contract Number - PS136510023

Prepared for:

Los Angeles County Metropolitan Transportation Authority (LACMTA)
One Gateway Plaza
Los Angeles, CA 90012

Prepared by:

3475 E. Foothill Blvd.
Pasadena, California 91107-6024

March 5, 2013

TETRA TECH

March 5, 2013

Ms. Carol Chiodo
Manager
Real Estate Services
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, MS 99-18-4
Los Angeles, CA 90012-2952

Subject: **Phase II Environmental Site Assessment**
Crenshaw/Rodeo Properties
Parcel Number CR-4506
3510 Exposition Boulevard, Los Angeles, California 90018
LACMTA Contract No. PS136510023

Dear Ms. Chiodo:

Tetra Tech, Inc. is pleased to submit this Phase II Environmental Site Assessment (ESA) report to the L.A. County Metropolitan Transportation Authority for the above-referenced property (the Site).

The results of the soil and soil gas investigation that was conducted at the Site as per the approved work plan showed that the former use of the Site as an auto repair shop and the adjacent parcel as a gasoline service station may have adversely impacted the Site. Tetra Tech recommends further investigation after demolition of the onsite structures to determine the extent of the contamination found onsite.

We appreciate the opportunity to provide you with this service. Should you have any questions or comments regarding this report or our findings, please contact us at your convenience.

Sincerely,

TETRA TECH, INC.

Berwyn Salazar, REA
Project Manager/Engineer
Phone: 626-470-2836

Clifford R. Pollock, C.Hg., PE
Project Geologist
Phone: 626-470-2455

DISCLAIMER

This Phase II ESA Report for Soil, Groundwater, and Soil Gas Investigation (Report) is prepared for the sole use and benefit of the Los Angeles County Metropolitan Transportation Authority (Client) and for the specific Site known as CR-4506 (3510 Exposition Blvd., Los Angeles, California 90016). **Neither this Report nor any of the information contained therein shall be used or relied upon for any purpose by any person or entity other than the Client.**

This Report was prepared based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain, and partially on the information Tetra Tech obtained during the Phase II ESA process. Documentation for the statements made in the Report is on file at Tetra Tech's Pasadena, California, office. Tetra Tech makes no warranty as to the accuracy of statements made by others which are contained in this Report, nor are any other warranties or guarantees, expressed or implied, included or intended in the Report with respect to information supplied by outside sources or conclusions or recommendations substantially based on information supplied by outside sources. This Report has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for this Report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards, which could possibly cause accidents, injuries, or damage unless those hazards were apparent, and should have been discovered, as a result of the services Tetra Tech performed for the Client. This Report represents the best professional judgment of Tetra Tech; however, compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of the Client's obligations under local, state, or federal laws, or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

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1. INTRODUCTION

Tetra Tech, Inc. was authorized by the Los Angeles County Metropolitan Transportation Authority (LACMTA), on October 30, 2012 under contract number PS136510023, to conduct a Phase II Environmental Site Assessment (ESA) of the properties referenced as the Crenshaw/Rodeo Properties (CRP), Parcel Numbers CR-4503, CR-4504, CR-4505 and CR-4506 located at 3630, 3642, 3644 and 3646 Crenshaw Boulevard, 3515 Rodeo Road and 3510 Exposition Boulevard in Los Angeles, California, respectively. On behalf of the LACMTA, Tetra Tech has prepared this Phase II ESA report for Parcel Number CR-4506 based on data gathered during onsite investigation that was performed as per the work plan that was approved by LACMTA prior to site mobilization. The general location of the Site is shown on Figure 1.

The sampling locations shown in Figures 2 and 3 were sampled by Tetra Tech based on the results of the Phase I ESA that was conducted on the CRP as reported on the Phase I ESA Report dated June 12, 2012. In the Phase I ESA report, Tetra Tech identified several recognized environmental conditions (RECs) on the CRP and several potential environmental concerns (PECs) on adjacent properties that warranted further site investigation. The RECs included: 1) a gasoline service station located in the western (and later southwestern) portions of the CRP from approximately 1947 to 1981; 2) an automotive repair garage in the northeast portion of the CRP in the late 1940's; and 3) a carwash in the southeast portion of the CRP in the 1960's. The PECs included: 1) Shell Oil Company gasoline service station located off-Site across Crenshaw Boulevard; and 2) a dry cleaner (Cameo Cleaners) located to the southeast across Rodeo Road. The purpose of the Phase II ESA is to determine if the RECs and PECs have adversely impacted the CRP.

The scope of work performed on Parcel CR-4506 consisted of the advancing 3 Geoprobe® boring locations; installation of soil gas probes; and the collection of soil and soil gas samples for the purpose of conducting a Phase II ESA. Grab sampling of groundwater using Hydropunch® methodology was not performed on this parcel since the field observations indicated no need for such. All samples collected during the Phase II ESA activities were transported to Positive Lab Service (PLS), a certified laboratory for analysis using applicable U.S. Environmental Protection Agency (EPA) Methods with the exception of soil gas samples that were analyzed onsite by a mobile laboratory also from PLS.

This Phase II ESA Report was prepared based on results of the investigation and Tetra Tech's interpretation of such results as well as information obtained from various communications with LACMTA representatives throughout the project duration.

2. PROJECT BACKGROUND

Site

The Site is located on the parcels of land bounded on the north by Exposition Boulevard, on the east by South Bronson Avenue, on the south by Rodeo Road, and on the west by Crenshaw Boulevard in Los Angeles, California. This property with the LACMTA designation of CR-4506 (referred to as "the Site" from this point forward) with street address of 3510 Exposition Boulevard is occupied by Al Madinah School. According to information on file at the Los Angeles County Assessor's office, the Site is identified as Assessor's Parcel Number (APN) 5044-002-010 and Tetra Tech understands that the property is now owned by LACMTA.

The building occupied by Al-Madinah School is approximately 6,660 feet in size and was constructed in 1970. The Al-Madinah School is a kindergarten to grade 8 school. One two-story building with nine classrooms (one on the second floor and eight on the first floor), several offices and several storage rooms were observed in the western portion of this parcel. The center of the parcel was open grassy area. The eastern portion of the parcel was occupied by two portable classrooms. The existing building has been used by either the same tenants since construction or have been used for similar purposes as the current uses since construction.

Historical Land Usage

According to the historical records reviewed, the Site was undeveloped or vacant from at least 1900 to at least 1947.

A gasoline service station was located in the west of the Site from at least 1948 until 1981. A repair garage appears to have formerly been located on the Site. A car wash appears to have formerly been located at south the Site (current address of 3515 Rodeo Road).

Phase I ESA Summary

Tetra Tech performed a Phase I ESA consistent with the scope and limitations of ASTM Standard Practice E1527-05 on the Site and submitted a Phase I ESA report dated June 12, 2012. The Phase I ESA assessment revealed no evidence of recognized environmental conditions (RECs) in connection with the Site except for the following:

- Historical uses of the Site as a repair garage in at least 1948, as well as a gasoline service station from 1948 to 1981 on the parcel west of the Site, and a car wash from 1961 to 1968 on the parcel south of the Site are considered to be RECs.

- No historical recognized environmental conditions (HRECs) or business environmental risks (BERs) have been found in connection with the Site.

- The presence of fluorescent lighting (bulbs/tubes) and potentially PCB-containing fluorescent light ballasts and transformers at the Site is considered to be a *de minimis* condition to the Site.

- The adjacent Shell Service Station west of the Site beyond Crenshaw Boulevard, and the adjacent Cameo Cleaners south of the Site beyond Rodeo Road, are considered to be PECs to the Site.

The Phase I ESA also reported that the Shell station and Cameo Cleaners are hazardous waste release sites, the former for petroleum fuel hydrocarbons and the latter for chlorinated solvents (specifically tetrachloroethene, PCE). The gasoline service station located west of the Site included repair bays and dispensed various grades of gasoline. In addition, waste oils were stored at the station in waste oil underground storage tanks (USTs). At least seven USTs (five for gasoline products and two for waste oils) were installed west of the Site and later removed without sampling and without formal closure of the USTs by the Los Angeles Fire Department (LAFD). LAFD closure typically required submittal of a UST removal report with analytical soil sampling results.

The groundwater flow direction appears to be to the northwest, based on our review of the water table contour map in a December 2010 groundwater monitoring report for December 2010 prepared by Bowyer Environmental Consultants, dated February 2, 2011.

In addition to the Bowyer Environmental Consultants groundwater monitoring report, Tetra Tech reviewed URS's second quarter 2011 groundwater monitoring report, submitted to Shell Oil Products in July 15, 2011. The URS report indicated that monitoring well MW-4, located west of the Site on Crenshaw Boulevard was found to contain elevated concentrations of BTEX and TPH-gasoline. The same report shows that the groundwater flow direction appears to be to the southeast, as shown in Figures 2 and 3 of the said URS report.

The Phase I ESA report recommended the following:

- A subsurface investigation including soil, soil gas, and groundwater sampling and analysis is recommended to evaluate if historical uses of the Site considered as an REC, and adjacent properties considered as a PECs to the Site, have adversely impacted the Site.

- During removal or replacement of light fixtures, fluorescent light ballasts and bulbs/tubes should be disposed of in accordance with applicable regulations.

Based on the above recommendations, LACMTA has authorized Tetra Tech to perform this Phase II ESA at the Site.

3. FIELD INVESTIGATION

The Scope of Work for the Phase II ESA at the Site included advancement and soil sampling of 3 Geoprobe® direct push soil borings, completion of one boring as nested vapor probes, soil gas sampling from the nested vapor probes, analytical testing, data interpretation, and report preparation to document the work and provide results. The sampling locations are shown in Figures 2 and 3. The sampling locations were selected to be in and around the identified onsite PECs and REC's identified in the Phase I ESA report. Tetra Tech obtained a Dig Alert number for the Site prior to drilling (Notification number #A23041203). A copy of the Dig Alert Notification is included in Appendix A. Tetra Tech subcontractor, Pacific Coast Locators (PCL) performed underground utility clearance at each boring location prior to drilling. Some of the sampling locations were moved based on the results of the geophysical survey and varied slightly from what was proposed in the approved work plan for the project.

Work Plan and Health and Safety Plan

The Phase II ESA work plan was prepared to describe the specifics of the field investigation, analytical testing program, and data interpretation criteria. The work plan included a field sampling plan that describes each sampling location, what sample(s) will be collected, what chemicals they will be analyzed for, and the justification for collecting each sample and sample type. LACMTA approved the Phase II ESA Work Plan which was prepared for all parcels within the Crenshaw Rodeo properties prior to mobilization.

A health and safety plan (HASP) was also prepared prior to site mobilization. The health and safety plan discussed potential chemicals of concern, physical and biological job hazards associated with the proposed investigation; field monitoring equipment; action limits; personal protective equipment (PPE); work zone delineation and decontamination; emergency plan and hospital direction; medical surveillance; and tailgate safety meetings. The HASP provided details on health and safety procedures that will be followed to ensure a safe work environment. The HASP was made available at all times during the field operations. All Tetra Tech personnel and subcontractors assigned to the project complied with the requirements of the HASP. LACMTA approved the HASP which was prepared for all parcels within the Crenshaw Rodeo properties prior to mobilization.

Field Preparation and Geophysical Clearance

Field preparation and geophysical utility clearance included: 1) notifying Underground Service Alert (USA) Dig Alert and securing a Dig Alert number for the Site (#A23041203); 2) for all boring locations, "clearing" (i.e., attempting to identify buried utilities and other subsurface obstructions within a 5-foot by 5-foot area around each boring) each boring using several types of surface geophysical instruments including magnetometers, electromagnetic conductance meters, and ground penetrating radar (GPR) to identify any subsurface utilities and anomalies.

The proposed boring locations were clearly marked with white paint. Underground Services Alert (USA) was notified of the intent to conduct subsurface investigation. USA contacted all utility owners of record within the Site vicinity and notified them of the intention to conduct

subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface in the public right-of-way adjoining the Sites. Several of the utility owners or their representatives contacted the Tetra Tech Project Manager and informed him of potential conflicts and reminders. Dig Alert usually identifies all buried utilities in public and accessible areas, but not on properties. A private geophysical surveying firm (PCL) was retained by Tetra Tech to perform geophysical surveys prior to start of drilling operations. After the utility clearance was completed, the drillers initiated their drilling activities.

Drilling, Soil Sampling, and Nested Vapor Probe Installation

A Bobcat mounted Geoprobe® drilling rig equipped for direct push drilling from Millennium Environmental was used to advance each soil boring, after it is cleared to 2.5 feet bgs using hand augers. The drilling method involves advancement of small-diameter (2.25-inch) steel drive casing and retrieval of continuous core inside a clear acetate tube. Soil samples were collected for analytical testing at discrete sampling intervals to groundwater, which was encountered at approximately 15 feet bgs. Borings that were not to be completed as vapor probes were properly abandoned after sampling, using hydrolyzed bentonite and capped properly with cold patch asphalt to match the existing site condition.

Soil sample identification was standardized such that the first six characters (CR-4506) indicated the property where the sample was collected. Following the second dash is the chronological boring number. Finally, the depth at which the sample was collected follows the third dash. Hence, Sample ID **CR-4506-2-2.5** was collected from boring number 2, and at a depth of 2.5 feet below grade surface (bgs). Note that boring numbers were pre-assigned and do not necessarily reflect the order in which the borings were drilled.

All sampling locations are shown in Figures 2 and 3. To minimize impact of the field investigation activities to existing school site, LACMTA entered into an agreement with the Al Madinah School administrator that the field investigation team be allowed onsite during school break. As such the Tetra Tech field team and subcontractors were onsite on October 31 and November 1, 2012 when the school was on break. All field activities were completed during these dates.

The soil analytical testing program included full-range total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and Title 22 metals (shallow samples only) using appropriate U.S. Environmental Protection Agency (EPA) test methods. These include EPA Method 8015(B)(Modified) for TPH (carbon chain – C_4-C_{44}) for gasoline-, diesel-, and oil-range hydrocarbons; EPA Method 8260B for VOCs including oxygantes; and EPA Method 6010B and EPA Method 7471A for Title 22 metals.

After soil sampling was completed, one of the borings was completed as nested soil gas probes with probe tip depths of 7.5 and 12 feet bgs. Temporary soil gas vapor probes and Nylaflow tubing were used, and the nested soil gas probes were properly abandoned after soil gas sample collection.

All sampling locations were abandoned with hydrolyzed bentonite. The sampling location in asphalt covered area (CR-4506-2) was capped with cold patch asphalt to match the existing/surrounding pavement. The two other locations were not capped since they were located in the grass covered areas.

Site lithology was logged and reported in the boring logs that are included in Appendix A. The boring logs also include the depth of the samples collected and the nested soil gas probes.

All soil samples were sent to Positive Lab Service (PLS), a laboratory accredited under the California Department of Health Environmental Laboratory Accreditation Program (ELAP) under certificate numbers 1131 for analytical methods required by the Phase II ESA.

All investigation derived wastes (IDW) were managed and disposed of according to federal, state, and local regulations. A DOT-approved drum was used to contain IDW wastes and was temporarily stored at the Site while processing the related disposal documentations (see photo in Appendix C). All IDW drums left onsite were properly labeled and locked. All drums containing IDW was hauled off as non-hazardous waste by Belshire Environmental Services, Inc. to Soil Safe of California in Adelanto, CA for thermal desorption. The lab results for the soil samples were used as the profile samples that determined its nature as non-hazardous. A copy of the non-hazardous manifest that was used to haul off the IDW drums is included in Appendix A. A certificate of recycling will be provided by Soil Safe and will be transmitted to LACMTA by Tetra Tech upon receipt.

Soil Gas Survey

Soil gas survey was performed using temporary nested vapor probes installed in one of the Geoprobe® borings (soil sampling location CR-4506-1). The soil gas survey conformed to the guidelines in California Department of Toxic Substances Control (DTSC) Advisory for Active Soil Gas Surveys, dated April 2012 [DTSC, 2012].

The rods were pushed down from the ground surface using a hydraulic hammer to the maximum sample depth of 15 feet bgs. Bentonite was dropped in the rod until the target depth of approximately 12.5 feet bgs. A gas-permeable filter (aquarium bubbler) connected to 1/8-inch diameter Nylaflow tubing was lowered to just above the bottom (~12feet bgs) through the inside of the drive rods and backfilled (gravity fed) with approximately 1 foot of Monterey Sand filter pack, then the top was capped with bentonite and hydrated with water up to the next sample depth of 7.5 feet bgs. The shallow soil gas probe was then installed in the same way, and the borehole was sealed to the surface with hydrated bentonite. The drive rods were pulled up slowly while the probes were set to ensure that there was no caving. At the surface, the ends of the two probe tubes sealed with caps and labeled accordingly. The probes were sealed at the surface with hydrated granular bentonite and allowed to equilibrate/stabilize before sampling. The April 2012 Advisory Soil Gas Investigation recommended two hours of equilibration time prior to soil gas sampling [DTSC, 2012]. The soil gas probe at CR-4506 was installed on November 1, 2012 at about 12:45PM and soil gas samples were collected at 3:30 PM.

Isopropanol which is one of the tracer compounds listed in the April 2012 guidance document [DTSC, 2012], was used as the tracer gas to detect potential ambient air intrusion into soil gas samples during soil gas sampling at each probe. A cloth saturated with Isopropanol was placed at the ground surface collar of the gas probes and near the sampling assembly during purging and sampling, and the samples were analyzed for the tracer compound.

A purge volume test was conducted on the first day at the first sampling location in the adjacent parcel (CR-4504). During the purge volume test samples were collected following one, three, and ten system-volume purges. The resulting analytical data was examined by the project engineer and the purge volume for the remaining locations was selected based on the sample containing the highest concentrations of target analytes which was determined as ten purge volumes (10P).

Soil vapor was withdrawn from the end of the inert tubing that runs from the sampling tip to the surface using a 60 milliliter (ml) syringe connected to the tubing via a 3-way valve. The probe tip and sampling tubing was purged based on the optimum purge volume as described above. A sample of in-situ soil vapor was then withdrawn and immediately transferred to the mobile lab for analysis. The samples were analyzed within 30 minutes from the time of collection. The use of small calibrated syringes allowed for careful monitoring of purge and sample volumes. This procedure ensured that an adequate sample flow was obtained without excessive pumping of air or introduction of surface air into the samples.

Purging and sampling was timed so that the flow rate does not exceed 200 milliliters per minute (ml/min). This was accomplished by withdrawing the plunger on the syringe at a constant rate for 20 seconds. The sample collector noted the collection time and the volume of sample collected on a log sheet. The log sheet is attached to the lab report in Appendix B. The onsite soil gas sample collection and analysis was performed by the chemist from PLS. PLS is accredited under the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP) certification number 2534.

One duplicate soil gas sample was collected per day of sampling and analyzed for QA/QC purposes in the same manner as described above. The duplicate sample for November 1, 2012 was collected from the adjacent parcel (CR-4504).

Decontamination

All equipment that comes into contact with potentially contaminated soil was decontaminated consistently to assure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated, but were packaged for appropriate disposal. Decontamination occurred prior to and after each use of a piece of equipment. All drilling and sampling devices used were decontaminated in a pre-designated area using the following procedures:

1. Non-phosphate detergent and tap water wash, using a brush if necessary;
2. Tap water rinse;
3. Initial de-ionized/distilled water rinse; and
4. Final de-ionized/distilled water rinse.

Sampling equipment was decontaminated by methods consistent with the equipment's use. Nitrile or latex surgical gloves were worn during handling and assembly of the sampling apparatus.

Site Restoration

After the completion of sampling, all soil gas probes were removed. The boreholes were backfilled with bentonite chips and hydrated. All boring locations in asphalt areas were patched flush with the original surface and covered with cold patch asphalt to match the current surface while those in the grass areas were not capped (see related photo in Appendix C).

4. INVESTIGATION RESULTS

Soil Sampling Results

A total of six soil samples were collected from CR-4506. Of these samples, six were analyzed for Total Petroleum Hydrocarbons – Carbon Chain (TPH-CC) by EPA Method 8015(B) modified; two were analyzed for Volatile Organic Compounds including oxygenates (VOCs) by EPA Method 8260B; and three were analyzed for Title 22 Metals by EPA Method 6010B and EPA Method 7471A.

All soil samples analyzed for TPH-gasoline (C_4-C_{12}) were reported as non-detect (ND). A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

The highest TPH-diesel (C_{13}-C_{22}) concentration of 2.93 mg/kg was reported on soil sample CR-4506-3-2.5. All samples analyzed for TPH-heavy oil (C_{23}-C_{44}) were non-detect (ND). Elevated PID readings and fuel odor were ***not*** observed in these soil samples during the sampling operations. A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

Very low concentrations of Benzene and Toluene were detected in the two samples that were analyzed for VOCs. CR-4506-1-10 was reported with 8.82 µg/kg of Benzene and 7.6 µg/kg of Toluene. Likewise CR-4506-3-10 was reported with 2.82 µg/kg of Benzene and 2.51 µg/kg of Toluene. These reported concentrations were below the non-carcinogenic regional screening levels (RSL) for each chemical of concern. A summary of the analytical results are shown in Figure 3 and analytical lab reports are included in Appendix B.

Metals were reported on all soil samples collected at shallow depths (2.5feet bgs). However, these concentrations were below ten times the Soluble Threshold Limit Concentration (STLC) and the Total Threshold Limit Concentration (TTLC) for individual metals. Copies of all analytical reports are included in Appendix B.

Soil Gas Sampling Results

Two soil gas samples were collected at boring location CR-4506-1 located southeast of the two story school building as shown in Figure 2. One of the samples was collected at 7.5feet bgs (CR-4506-1-7.5) which is 5feet below the deepest hand augered depth as per the DTSC Advisory Active Soil Gas Investigations [DTSC, 2012]. The second sample was collected at 12feet bgs (CR-4506-1-12) where a layer of sandy soil was observed. 10 purge volumes were used based on the results of the soil gas sampling conducted in adjacent property CR-4504. All analytes were reported as non-detect (ND). A summary of the analytical results are shown in Figure 2 and analytical lab reports are included in Appendix B.

5. CONCLUSIONS and RECOMMENDATIONS

Based on the results on this Phase II ESA, Tetra Tech concludes that the previous use of the Site as an auto repair shop and the adjacent properties as a gasoline retail station might have impacted the Site based on the VOCs detected on the samples collected at 10 feet depth. Therefore, Tetra Tech recommends that further subsurface investigation at the Site be conducted after the demolition of the existing structures to ensure that the previous use of the Site as an auto repair shop and the property to the west as a gasoline retail station (as listed in the Phase I ESA report) [Tetra Tech, 2012] did not leave any contamination in the footprint of the existing structures. This recommendation was based on the analytical results from samples collected onsite at 10 feet depth that showed low concentrations of Benzene and Toluene and the VOCs related to hydrocarbon fuels were also reported on one of the samples collected west of the onsite building on the adjacent parcel at 10 feet depth (CR-4504-10).

6. REFERENCES

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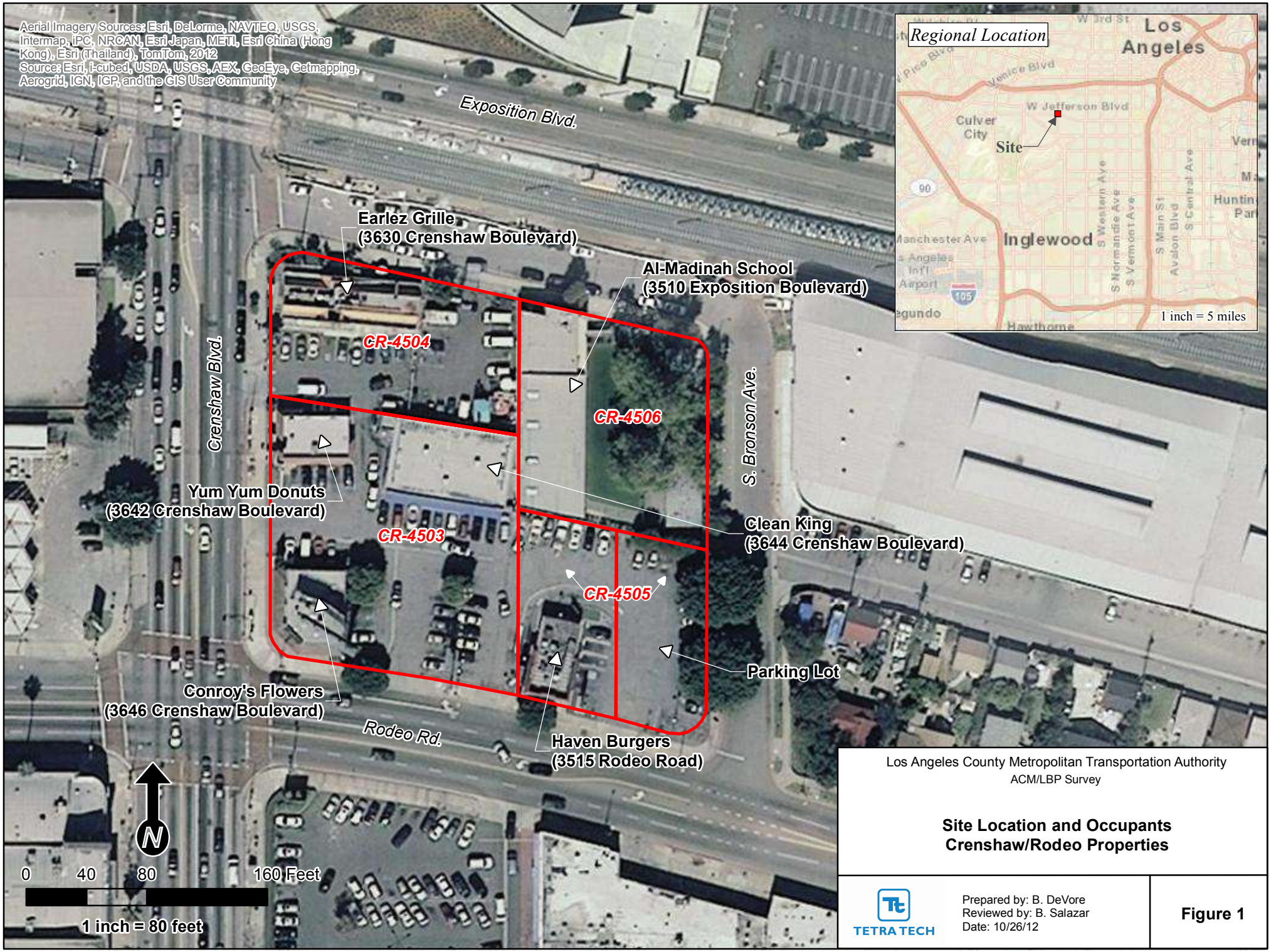
Tetra Tech, Inc. (Tetra Tech), 2012b. *Site Health and Safety Plan for Phase II Environmental Site Assessment (ESA) – Crenshaw Rodeo Properties, Los Angeles, CA*. Prepared for the Los Angeles County Metropolitan Transportation Authority. October 2012.

U.S. Environmental Protection Agency (EPA), 2012. *Regional Screening Levels for Chemical Contaminants*. November 2012 available at http://www.epa.gov/region9/superfund//prg/index.html

Figures



Los Angeles County Metropolitan Transportation Authority
ACM/LBP Survey

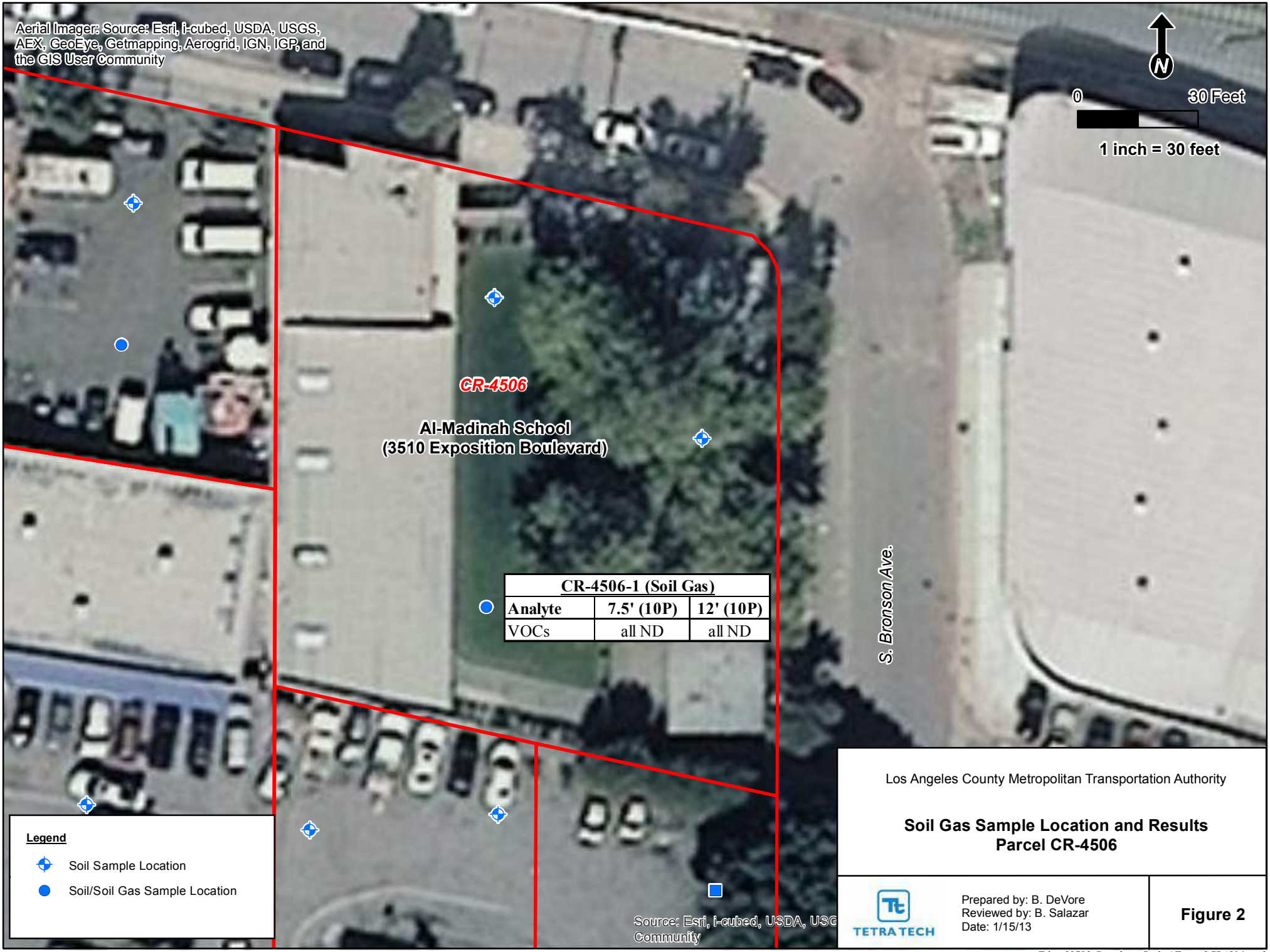
Site Location and Occupants
Crenshaw/Rodeo Properties

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 10/26/12

Figure 1

File: 28793 Crenshaw_Rodeo\SiteLocation.mxd



Los Angeles County Metropolitan Transportation Authority

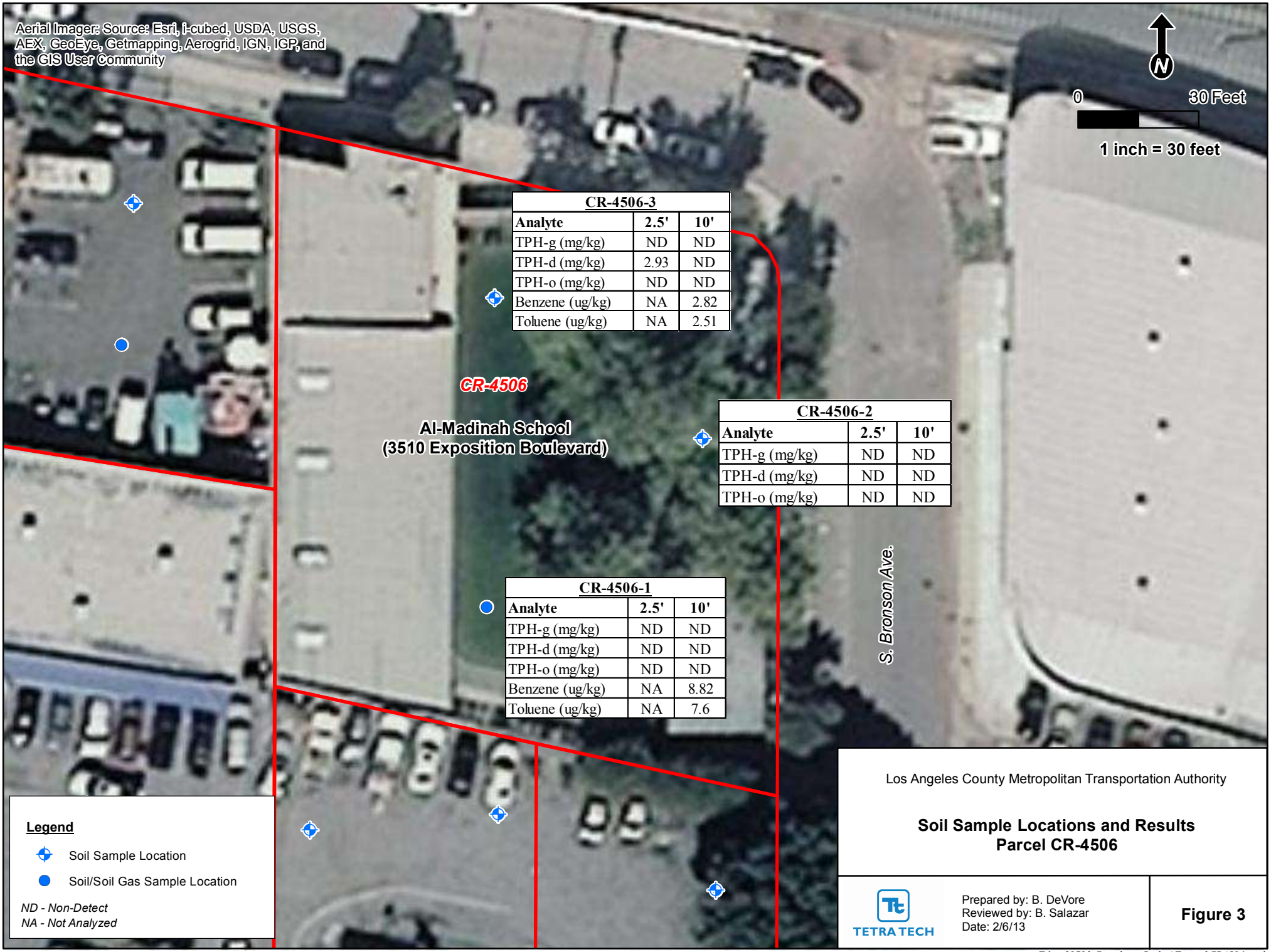
Soil Gas Sample Location and Results
Parcel CR-4506

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 1/15/13

Figure 2

File: 28793 Crenshaw_Rodeo\Figure2CR4506.mxd



Los Angeles County Metropolitan Transportation Authority

Soil Sample Locations and Results
Parcel CR-4506

TETRA TECH

Prepared by: B. DeVore
Reviewed by: B. Salazar
Date: 2/6/13

Figure 3

File: 28793 Crenshaw_Rodeo\Figure3CR4506.mxd

Appendix A – Permits, Notifications, Borelogs, IDW Manifest

Salazar, Berwyn

From: noreply@digalert.org
Sent: Tuesday, October 30, 2012 5:58 PM
To: Salazar, Berwyn
Subject: USAS EMLCFM 2012/10/30 #01047A A23041203-00A SHRT NEW

EMLCFM 01047A USAS 10/30/12 17:58:25 A23041203-00A SHRT NEW GRID

Thank you for calling Underground Service Alert of Southern
California. This is an automatically generated confirmation of
your DigAlert. For your safety, please respect and protect the
marks, and excavate carefully around the marked utility lines.

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY BACK TO THIS EMAIL.

Ticket : A23041203 Date: 10/30/12 Time: 17:40 Oper: LLF Chan: 100
Old Tkt: A23041203 Date: 10/30/12 Time: 17:58 Oper: LLF Revision: 00A

Company: MILLENIUM ENVIRONMENTAL Caller: BERWYN SALAZAR - TETRA TECH
Co Addr: 2936 E CORONADO ST
City&St: ANAHEIM, CA Zip: 92806
Phone: 818-445-7677 Ext: FIELD Call back: ANYTIME
Formn: BERWYN Phone: 626-470-2836 Ext: OFFIC
Email: BERWYN.SALAZAR@TETRATECH.COM

State: CA County: LOS ANGELES Place: LOS ANGELES
Delineated: N
Address: Street:CRENSHAW BLVD
X/ST 1 : RODEO RD
MPM 1: MPM 2:
Locat: 3630, 3642, 3644, 3646 CRENSHAW BLVD, CALLER STATES ADDRESSES ARE LOC
: BTWN RODEO RD AND EXPOSITION PL; 3515 RODEO RD, CALLER STATES ADDRESS IS
: LOC BTWN S BRONSON AVE AND CRENSHAW BLVD; 3510 EXPOSITION PL, X/ST S
: BRONSON AVE, ADDRESS LOC ON (MOST NORTHERLY) EXPOSITION PL, (CALLER
: STATES UNNAMED ST SHOWN ON TG MAP AT APPROX 222FT E/OF INTER/OF RODEO RD
: AND CRENSHAW BLVD DOES NOT EXIST ON SITE **AREA WILL BE DELINEATED
: TOMORROW MORNING 10/31 WITH WHITE PAINT**

Excav Enters Into St/Sidewalk: N

Grids: 0673E0124
Lat/Long : 34.022881/-118.335527 34.022521/-118.333215
: 34.021147/-118.335797 34.020787/-118.333485
Caller GPS:

Boring: Y Explosives: N Vacuum: N
Re-Mark: N

Work : SOIL AND SOIL GAS SAMPLING (16 SAMPLING LOCATIONS) FOR ENVIRONMENTAL INVESTIGA
Wkend: N Night: N
Work date: 11/01/12 Time: 07:00 Priority: 1
Instruct : MARK BY Permit: NOT REQUIRED
Done for : MTA

Tkt Exp: 11/27/12

Mbrs :
ATTDSOUTH AT&T DISTRIBUTION - PHONE SBC DAMAGE PREVENTION HO 510-645-2929

CITYLA	C/OF LA-STREET LIGHTING	FRONT OFFICE STAFF	323-913-4744
LACMTALAX	LACMTA LAX/CRENSHAW - ELEC	HANK SCHEETZ	323-903-4120
LAWP3	LADWP-JOINT LOC - W,E,FO	RICH NIXON	213-367-6343
SCG3Z2	SC GAS - CRENSHAW	DISPATCH	800-427-8894

Salazar, Berwyn

From: p1alc1m1@tlpd146.dadc.sbc.com
Sent: Tuesday, October 30, 2012 6:30 PM
To: Salazar, Berwyn
Subject: HIGH PRIORITY FACILITY FOUND

******** THIS EMAIL IS SYSTEM GENERATED. PLEASE DO NOT RESPOND TO THIS EMAIL ********

AT&T Distribution - Damage Prevention

*** CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE LOCATE NOTIFICATION ***

Ticket No : A23041203-00A
Ticket Address : CRENSHAW BLVD
Place : LOS ANGELES
Caller Name : MILLENIUM ENVIRONMENTAL
Caller Phone : 818-445-7677 Ext: FIELD
Contractor Name : MTA
Contractor Phone :
Membership Code : ATTDSOUTH
State One Call Law reference :
California ? Government Code 4216
- Title 8 Section 1541
Nevada - NAC 455.200 ? 455.450
- NRS 455.080 ? 455.180

This Locate Request is near an AT&T DISTRBUTION CRITICAL SUBSURFACE INSTALLATION INFRASTRUCTURE that provides Switching, Routing and Transmission services to the surrounding area and around the world.

Damaging these Facilities could interrupt thousands of Services.

Before Digging in this area please take care to observe and ensure that AT&T Distribution (ATT/D) has:
? Been to the location site
? Located and Marked the facilities with ORANGE, (water base/chalked based) paint and or Flags
? Or has Cleared the area (No Conflict ? No ATT/D)

HAND DIGGING IS MANDATORY WITHIN THE STATUTORY TOLERANCE ZONE.
? AT&T Distribution requires written approval be given prior to any power operated equipment being used within the statutory tolerance zone of any AT&T facility.

Contact Information:

One Call Center: 8-1-1
Any questions pertaining to the One Call request should be directed to the state One Call
(For example: location requested, utilities in the area or notification processes)
Underground Service Alert of Northern California & Nevada (USA North)
Underground Service Alert of Southern California (USA South or Dig Alert)

AT&T Distribution Damage Prevention Hotline: 510 645-2929
If assistance is needed during an excavation involving AT&T Distribution facilities or locate issue

TETRA TECH BORING LOG

BORING ID NO *CR-4506-1*

CLIENT *Metropolitan Transportation Authority* **T.C.** *100-PEN-T30168* **DRILL DATE** *11-1-12*

PROJECT NAME *Phase II Crenshaw/Rodeo Properties*

BORING LOCATION *Crenshaw/Rodeo* **DRILLING CONTR.**

DRILL METHOD *Bobcat Mounted Direct Push* **SAMPLE METHOD** **BOREHOLE DIAMETER** *3.5-inch*

LOGGED BY *J. Sandoval* **REVIEWED BY** *C. Pollock* **REG NO.** *4448*

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Grass cover. FILL MATERIAL to 2' bgs.
			0.0			CL	CLAY WITH SILT - very dark gray (2.5YR 3/0), moist, very fine to fine grained sand, medium to high plasticity. 80% clay, 15% silt, 5% sand.
5			0.0			ML	SANDY SILT - dark grayish brown (10YR 4/2), moist, very fine grained sand, low plasticity. 5% clay, 65% silt, 30% sand.
10			0.0			CL	CLAY WITH SILT - very dark gray (10YR 3/1), moist, very fine grained sand, medium to high plasticity. 70% clay, 25% silt, 5% sand.
15	▽		0.0			ML	SILT WITH SAND - dark grayish brown (10YR 4/2), moist, very fine grained sand, low plasticity. 10% clay, 70% silt, 20% sand. Groundwater encountered at approximately 15.0'bgs.
20							Soil boring converted to temporary dual nested soil gas probe tips at 7.5' and 12' bgs. The soil gas probes were abandoned after sample collection. Boring was backfilled with hydrated bentonite and completed with cold patch to ground surface.
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO CR-4506-2

CLIENT Metropolitan Transportation Authority **T.C.** 100-PEN-T30168 **DRILL DATE** 11-1-12

PROJECT NAME Phase II Crenshaw/Rodeo Properties

BORING LOCATION Crenshaw/Rodeo **DRILLING CONTR.**

DRILL METHOD Bobcat Mounted Direct Push **SAMPLE METHOD** **BOREHOLE DIAMETER** 3.5-inch

LOGGED BY J. Sandoval **REVIEWED BY** C. Pollock **REG NO.** 4448

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Asphalt to 4" bgs. FILL MATERIAL to 2' bgs.
			0.0			ML	SILT WITH SAND - dark grayish brown (10YR 4/2), moist, very fine to fine grained sand. 10% clay, 70% silt, 20% sand
5							Same as above. light olive brown (2.5YR 5/4), moist, very fine grained sand. 10% clay, 70% silt, 20% sand
10			0.0			CL	CLAY WITH SILT - very dark grayish brown (2/5YR 3/2), moist, very fine grained sand, medium plasticity. 70% clay, 20% silt, 10% sand.
15	▽					ML	SILT WITH SAND - olive brown (2/5YR 4/4), wet, fine grained sand. 5% clay, 70% silt, 25% sand.
							Boring was backfilled with hydrated bentonite and completed with cold patch asphalt to grade.
20							
25							
30							
35							

TETRA TECH BORING LOG

BORING ID NO CR-4506-3

CLIENT Metropolitan Transportation Authority **T.C.** 100-PEN-T30168 **DRILL DATE** 11-1-12

PROJECT NAME Phase II Crenshaw/Rodeo Properties

BORING LOCATION Crenshaw/Rodeo **DRILLING CONTR.**

DRILL METHOD Bobcat Mounted Direct Push **SAMPLE METHOD** **BOREHOLE DIAMETER** 3.5-inch

LOGGED BY J. Sandoval **REVIEWED BY** C. Pollock **REG NO.** 4448

DEPTH (feet)	WATER	WELL DESIGN	PID (ppm)	SAMPLE	GRAPHIC COLUMN	USCS	GEOLOGIC DESCRIPTION
0						FILL	Grass cover. FILL MATERIAL to 2' bgs.
			0.0			ML	SILT WITH SAND - very dark gray (10YR 3/1), moist, very fine grained sand. 10% clay, 70% silt, 20% sand.
5							Same as above. Light olive brown (2.5YR 5/4), moist, very fine to fine grained sand. 5% clay, 75% silt, 20% sand.
10			0.0			CL	CLAY WITH SILT - very dark gray (10YR 3/1), moist, very fine grained sand, medium to high plasticity. 75% clay, 15% silt, 10% sand.
15			0.0				Same as above.
							Boring was backfilled with hydrated bentonite and completed with cold patch to ground surface.
20							
25							
30							
35							

KEY TO SYMBOLS

Symbol	Description
Strata symbols	
	Paving
	Fill
	Low plasticity clay
	Silt
Misc. Symbols	
	Water table during drilling
Soil Samplers	
	Environmental Sample
Monitor Well Details	
	flush-mount cover
	recessed cover set in concrete
	bentonite pellets
	bentonite slurry
	silica sand, blank PVC
	slotted pipe w/ sand

Notes:

1. Exploratory borings were drilled on 11-1-12 and 12-11-12 using a Bobcat Mounted 2-inch diamter direct push rig.

2. These logs are subject to the limitations, conclusions, and recommendations in this report.

3. Results of tests conducted on samples recovered are reported on the logs.

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
1 1		3741732	A07	40477	001

Generator and/or Consultant

Generator's Name and Billing Address: L.A.C.M.T.A. ATTN: GWYNNETH DOYLE ONE GATEWAY PLAZA MS #1-17-2 LOS ANGELES, CA 90012	Generator's Phone #: 213-922-2447 Person to Contact: FAX#:
Consultant's Name and Billing Address: BERWYN SALAZAR TETRA TECH 3475 E. FOOTHILL BLVD. PASADENA	Consultant's Phone #: Person to Contact: FAX#:
Generation Site (Transport from): *(name & address)* MTA - CRENSHAW RODEO PROPERTIES CRENSHAW BLVD. AND RODEO RD. LOS ANGELES, CA	Site Phone #: Person to Contact: FAX#:
Designated Facility (Transport to): *(name & address)* SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001 Person to Contact: DELLENA JEFFREY FAX#: (760) 246-8004
Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 216229	Transporter's Phone #: 949-460-5200 Person to Contact: LARRY MOOTHART FAX#: 949-460-5210
	CAR000183913 460647 Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	2	Soil	38920	37600	1320
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					.66

List any exception to items listed above: Scale Ticket # 106731

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐	Signature and date:	Month	Day	Year
Gwynneth Doyle on behalf of L.A.C.M.T.A.	Gwynneth L Doyle	01	25	13

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
LUIS NAVARRO		01	25	13

Recycling Facility

Discrepancies:
Crenshaw
836065

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	2/25/13

Please print or type.

TRANSPORTER COPY

Appendix B – Analytical Lab Reports

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

November 08, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1211016
Project Name: MTA Crenshaw-Rodeo

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 15
Submitted: 11/01/12
PLS Report No.: 1211016

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4506-2-2.5 Soil (1211016-01) Sampled:11/01/12 14:45 Received:11/01/12 17:00

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/03/12	11/03/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*104 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/03/12*	*11/03/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
Surrogate: n-Tetracosane	*99.2 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20521*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**3.39**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**176**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**19.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**11.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**33.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**6.66**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**15.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	**1.24**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**40.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**59.6**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4506-2-10 Soil (1211016-02) Sampled:11/01/12 14:55 Received:11/01/12 17:00

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/03/12	11/03/12	mb	BK20702
Surrogate: a,a,a-Trifluorotoluene	*104 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/03/12*	*11/03/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	4.00	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C23 - C32	ND		1	mg/kg	160	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C33 - C44	ND		1	mg/kg	160	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
Surrogate: n-Tetracosane	*128 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20521*

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211016

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20702 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0315*		mg/kg	*0.03000*		*105*	*73-134*			
LCS Prepared & Analyzed: 11/02/12										
Gasoline	0.765	0.500	mg/kg	0.9096		84.1	70-127			
Matrix Spike Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	1.08	0.500	mg/kg	1.819	ND	59.5	58-133			M
Matrix Spike Dup Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	0.941	0.500	mg/kg	1.819	ND	51.7	58-133	14.0	30	M
Batch BK20521 - EPA 3546										
Blank Prepared & Analyzed: 11/05/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*28.6*		mg/kg	*20.83*		*137*	*50-146*			
LCS Prepared & Analyzed: 11/05/12										
Diesel	583	4.00	mg/kg	554.7		105	59-146			
Surrogate: n-Tetracosane	*18.6*		mg/kg	*20.83*		*89.5*	*63-142*			
Matrix Spike Source: 1211027-01 Prepared & Analyzed: 11/05/12										
Diesel	120	2.50	mg/kg	110.9	12.5	96.5	54-163			
Surrogate: n-Tetracosane	*13.8*		mg/kg	*20.83*		*66.2*	*50-146*			
Matrix Spike Dup Source: 1211027-01 Prepared & Analyzed: 11/05/12										
Diesel	101	2.50	mg/kg	110.9	12.5	79.5	54-163	19.3	30	
Surrogate: n-Tetracosane	*12.7*		mg/kg	*20.83*		*61.0*	*50-146*			
Batch BK20606 - EPA 3050B										
Blank Prepared & Analyzed: 11/06/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							

POSITIVE LAB SERVICE

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Certificate of Analysis

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 15
Submitted: 11/01/12
PLS Report No.: 1211016

Project: MTA Crenshaw-Rodeo

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 11/06/12										
Antimony	46.2	2.50	mg/kg	49.71		92.9	60-140			
Arsenic	188	1.00	mg/kg	199.4		94.2	80-120			
Barium	221	1.00	mg/kg	200.2		110	80-120			
Beryllium	4.99	1.00	mg/kg	5.000		99.9	80-120			
Cadmium	5.32	1.00	mg/kg	4.980		107	80-120			
Chromium	21.6	1.00	mg/kg	19.86		109	80-120			
Cobalt	54.0	1.00	mg/kg	49.83		108	80-120			
Copper	28.4	1.00	mg/kg	25.27		113	80-120			
Lead	53.4	1.00	mg/kg	50.10		107	80-120			
Molybdenum	50.4	1.00	mg/kg	49.95		101	80-120			
Nickel	54.3	1.00	mg/kg	50.10		108	80-120			
Selenium	182	1.00	mg/kg	199.7		91.3	80-120			
Silver	5.10	1.00	mg/kg	5.000		102	80-120			
Thallium	200	1.00	mg/kg	198.7		100	80-120			
Vanadium	50.9	1.00	mg/kg	50.30		101	80-120			
Zinc	52.1	5.00	mg/kg	50.10		104	80-120			
Matrix Spike Source: 1211038-02 Prepared & Analyzed: 11/06/12										
Antimony	39.6	2.50	mg/kg	49.71	ND	79.6	60-140			
Arsenic	191	1.00	mg/kg	199.4	6.23	92.5	75-125			
Barium	323	1.00	mg/kg	200.2	112	105	75-125			
Beryllium	5.44	1.00	mg/kg	5.000	0.539	97.9	75-125			
Cadmium	5.34	1.00	mg/kg	4.980	0.480	97.5	75-125			
Chromium	38.1	1.00	mg/kg	19.86	17.1	106	75-125			
Cobalt	55.9	1.00	mg/kg	49.83	6.58	98.9	75-125			
Copper	40.9	1.00	mg/kg	25.27	14.0	106	75-125			
Lead	54.7	1.00	mg/kg	50.10	6.14	96.9	75-125			
Molybdenum	49.7	1.00	mg/kg	49.95	1.62	96.2	75-125			
Nickel	66.4	1.00	mg/kg	50.10	18.5	95.7	75-125			
Selenium	180	1.00	mg/kg	199.7	ND	89.9	75-125			
Silver	4.80	1.00	mg/kg	5.000	ND	96.1	75-125			
Thallium	186	1.00	mg/kg	198.7	ND	93.8	75-125			
Vanadium	80.5	1.00	mg/kg	50.30	31.7	97.0	75-125			
Zinc	102	5.00	mg/kg	50.10	58.7	87.5	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared & Analyzed: 11/06/12										

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211016

Project: MTA Crenshaw-Rodeo

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Antimony	41.0	2.50	mg/kg	49.71	ND	82.5	60-140	3.61	30	
Arsenic	193	1.00	mg/kg	199.4	6.23	93.6	75-125	1.19	30	
Barium	319	1.00	mg/kg	200.2	112	103	75-125	1.94	30	
Beryllium	5.42	1.00	mg/kg	5.000	0.539	97.6	75-125	0.311	30	
Cadmium	5.42	1.00	mg/kg	4.980	0.480	99.3	75-125	1.78	30	
Chromium	39.0	1.00	mg/kg	19.86	17.1	110	75-125	4.04	30	
Cobalt	56.6	1.00	mg/kg	49.83	6.58	100	75-125	1.39	30	
Copper	40.6	1.00	mg/kg	25.27	14.0	105	75-125	0.863	30	
Lead	55.3	1.00	mg/kg	50.10	6.14	98.2	75-125	1.27	30	
Molybdenum	50.2	1.00	mg/kg	49.95	1.62	97.2	75-125	1.03	30	
Nickel	67.1	1.00	mg/kg	50.10	18.5	97.1	75-125	1.46	30	
Selenium	182	1.00	mg/kg	199.7	ND	91.1	75-125	1.30	30	
Silver	4.85	1.00	mg/kg	5.000	ND	97.0	75-125	0.935	30	
Thallium	188	1.00	mg/kg	198.7	ND	94.7	75-125	0.979	30	
Vanadium	80.9	1.00	mg/kg	50.30	31.7	97.8	75-125	0.818	30	
Zinc	103	5.00	mg/kg	50.10	58.7	89.1	75-125	1.84	30	
Batch BK20605 - EPA 7471A										
Blank Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.745	0.100	mg/kg	0.8283		89.9	80-120			
Matrix Spike Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.901	0.100	mg/kg	0.8283	ND	109	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.833	0.100	mg/kg	0.8283	ND	101	75-125	7.84	25	

Notes and Definitions

M	Matrix interference
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

72166

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11/1/12 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 121016

CLIENT NAME: TETRA TECH Project Name/No. MTA CRENSHAW RODEO P.O. NO.

ADDRESS: 375 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: 8184457677 FAX NO:

SAMPLER NAME: B. SALAZAR (Printed) (Signature)

TAT(Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: M.Cobb Fedex

COOLER TEMP: 4.0c

PRESERVED: _____

ANALYSES REQUESTED: TPHCL (C4-C44) | VOC (8260B/10ST) | METALS (6010B/7471A)

REMARKS:

CR-4506

AL MAINNAH

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	TPHCL (C4-C44)	VOC (8260B/10ST)	METALS (6010B/7471A)	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	CR-4506 -2-2.5	11/1/12	1445			X			N	1	J	X		X	
2	CR-4506 -2-5	"	1450			"			"	1	S				HOLD
3	CR-4506 -2-10	"	1455			"			"	1	S	X			
4	CR-4506 -2-15	"	1500			"			"	1	S				HOLD
5															
6															
7															
8															
9															
10															

Relinquished By: (Signature and Printed Name) B. SALAZAR Received By: (Signature and Printed Name) Rick Owen Parker Date: 11/1/12 Time: 17:00

Relinquished By: (Signature and Printed Name) Rick Owen Parker Received By: (Signature and Printed Name) Date: 11/01/12 Time: 19:30

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

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LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

November 14, 2012

Case Narrative

Project Name: MTA Crenshaw-Rodeo
Report No. : 1211013

Eight soil samples were received by a Positive Lab Service representative on November 01, 2012. The samples were collected on November 01, 2012 and were analyzed for TPH Hydrocarbon Ranges (EPA 8015B), VOCs (EPA 8260B) and Metals (EPA 6010B/7470A) per Chain of Custody No.72165. The temperature of the cooler was 2.3 degrees Celsius upon receipt.

The holding time and analytical acceptance criteria were met for the above mentioned sample(s) with the following exception(s).

VOCs

Continuing Calibration Verification (11/02/12 AM) – The %D for bromoform (-23%) was slightly below the ±20% acceptance limit. The average %D for target analytes in EPA 8260B was 7.6%. The linearity conditions for multi-analyte methods were met as specified in EPA Method 8000. Additionally, the response factor for bromoform (0.118) met the SPCC acceptance level of 0.1.

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November 08, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1211013
Project Name: MTA Crenshaw-Rodeo

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw - Rodeo

Sample ID: CR-4506-1-2.5 Soil (1211013-01) Sampled:11/01/12 12:10 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20516
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20516*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	5.00	EPA 3546	EPA 8015B	11/05/12	11/06/12	lk	BK20521
C23 - C32	ND		1	mg/kg	200	EPA 3546	EPA 8015B	11/05/12	11/06/12	lk	BK20521
C33 - C44	ND		1	mg/kg	200	EPA 3546	EPA 8015B	11/05/12	11/06/12	lk	BK20521
Surrogate: n-Tetracosane	*77.0 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/06/12*	*lk*	*BK20521*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**3.41**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**170**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**19.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**11.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**35.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**7.17**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**15.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**37.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**64.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4506-1-10 Soil (1211013-02) Sampled:11/01/12 12:25 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20516
Surrogate: a,a,a-Trifluorotoluene	*107 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20516*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	5.00	EPA 3546	EPA 8015B	11/05/12	11/06/12	lk	BK20521
C23 - C32	ND		1	mg/kg	200	EPA 3546	EPA 8015B	11/05/12	11/06/12	lk	BK20521
C33 - C44	ND		1	mg/kg	200	EPA 3546	EPA 8015B	11/05/12	11/06/12	lk	BK20521
Surrogate: n-Tetracosane	*95.1 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/06/12*	*lk*	*BK20521*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710

POSITIVE LAB SERVICE

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Certificate of Analysis

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4506-1-10 Soil (1211013-02) Sampled:11/01/12 12:25 Received:11/01/12 14:42

Methylene chloride (Dichloromethane)	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-butyl alcohol	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methyl tert-butyl ether (MTBE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Di-isopropyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl acetate	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethyl tert-butyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Benzene	**8.82**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Toluene	**7.60**	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710

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Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4506-1-10 Soil (1211013-02) Sampled:11/01/12 12:25 Received:11/01/12 14:42

tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Surrogate: Dibromofluoromethane	*108 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: Toluene-d8	*99.5 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: 4-Bromofluorobenzene	*98.4 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*

Sample ID: CR-4506-3-2.5 Soil (1211013-03) Sampled:11/01/12 14:00 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20516
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20516*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	**2.93**		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
Surrogate: n-Tetracosane	*86.1 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20521*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.50	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Arsenic	**3.76**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Barium	**193**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Chromium	**17.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Cobalt	**10.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Copper	**32.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Lead	**6.45**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Molybdenum	**1.22**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Nickel	**14.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Selenium	**1.46**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Thallium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Vanadium	**34.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Zinc	**58.3**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	11/06/12	11/06/12	MP	BK20606
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	11/06/12	11/08/12	ds	BK20605

Sample ID: CR-4506-3-10 Soil (1211013-04) Sampled:11/01/12 14:10 Received:11/01/12 14:42

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015B	11/02/12	11/02/12	mb	BK20702

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(213) 745-5312 FAX (213) 745-6372

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Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4506-3-10 Soil (1211013-04) Sampled:11/01/12 14:10 Received:11/01/12 14:42

Surrogate: a,a,a-Trifluorotoluene	*105 %*			*73-134*		*EPA 5030B*	*EPA 8015B*	*11/02/12*	*11/02/12*	*mb*	*BK20702*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
C13 - C22	ND		1	mg/kg	2.50	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C23 - C32	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
C33 - C44	ND		1	mg/kg	100	EPA 3546	EPA 8015B	11/05/12	11/07/12	lk	BK20521
Surrogate: n-Tetracosane	*52.5 %*			*50-146*		*EPA 3546*	*EPA 8015B*	*11/05/12*	*11/07/12*	*lk*	*BK20521*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Benzene	**2.82**		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Toluene	**2.51**		1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710

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(213) 745-5312 FAX (213) 745-6372

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3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw-Rodeo

Sample ID: CR-4506-3-10 Soil (1211013-04) Sampled:11/01/12 14:10 Received:11/01/12 14:42

Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Isopropylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	11/02/12	11/02/12	mb	BK20710
Surrogate: Dibromofluoromethane	*106 %*		*71-130*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: Toluene-d8	*99.6 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*
Surrogate: 4-Bromofluorobenzene	*97.2 %*		*66-131*		*EPA 5035*	*EPA 8260B*	*11/02/12*	*11/02/12*	*mb*	*BK20710*

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Certificate of Analysis

Tetra Tech
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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211013

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20516 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0312*		mg/kg	*0.03000*		*104*	*73-134*			
LCS Prepared & Analyzed: 11/01/12										
Gasoline	0.757	0.500	mg/kg	0.9096		83.3	70-127			
Batch BK20702 - EPA 5030B										
Blank Prepared & Analyzed: 11/02/12										
C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0315*		mg/kg	*0.03000*		*105*	*73-134*			
LCS Prepared & Analyzed: 11/02/12										
Gasoline	0.765	0.500	mg/kg	0.9096		84.1	70-127			
Matrix Spike Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	1.08	0.500	mg/kg	1.819	ND	59.5	58-133			M
Matrix Spike Dup Source: 1211016-01 Prepared & Analyzed: 11/08/12										
Gasoline	0.941	0.500	mg/kg	1.819	ND	51.7	58-133	14.0	30	M
Batch BK20521 - EPA 3546										
Blank Prepared & Analyzed: 11/05/12										
C13 - C22	ND	2.50	mg/kg							
C23 - C32	ND	100	mg/kg							
C33 - C44	ND	100	mg/kg							
Surrogate: n-Tetracosane	*28.6*		mg/kg	*20.83*		*137*	*50-146*			
LCS Prepared & Analyzed: 11/05/12										
Diesel	583	4.00	mg/kg	554.7		105	59-146			
Surrogate: n-Tetracosane	*18.6*		mg/kg	*20.83*		*89.5*	*63-142*			
Matrix Spike Source: 1211027-01 Prepared & Analyzed: 11/05/12										
Diesel	120	2.50	mg/kg	110.9	12.5	96.5	54-163			
Surrogate: n-Tetracosane	*13.8*		mg/kg	*20.83*		*66.2*	*50-146*			
Matrix Spike Dup Source: 1211027-01 Prepared & Analyzed: 11/05/12										
Diesel	101	2.50	mg/kg	110.9	12.5	79.5	54-163	19.3	30	
Surrogate: n-Tetracosane	*12.7*		mg/kg	*20.83*		*61.0*	*50-146*			
Batch BK20710 - EPA 5035										
Blank Prepared & Analyzed: 11/02/12										
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							

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Pasadena, CA 91107

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Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20710 - EPA 5035										
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Acetone	ND	80.0	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							
1,1-Dichloroethene	ND	4.00	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
Tert-butyl alcohol	ND	20.0	ug/kg							
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Di-isopropyl ether	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
Ethyl tert-butyl ether	ND	4.00	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							
2-Butanone (MEK)	ND	40.0	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							
1,1,1-Trichloroethane	ND	4.00	ug/kg							
Tert-amyl methyl ether	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
Benzene	ND	2.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
Toluene	ND	2.00	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							
1,3-Dichloropropane	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20710 - EPA 5035										
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							
Isopropylbenzene	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							
4-Isopropyltoluene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Surrogate: Dibromofluoromethane	*10.5*		ug/kg	*10.00*		*105*	*71-130*			
Surrogate: Toluene-d8	*9.92*		ug/kg	*10.00*		*99.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.44*		ug/kg	*10.00*		*94.4*	*66-131*			
LCS Prepared & Analyzed: 11/02/12										
1,1-Dichloroethene	22.0	4.00	ug/kg	20.00		110	70-129			
Methyl tert-butyl ether (MTBE)	22.1	4.00	ug/kg	20.00		111	64-131			
Benzene	21.3	2.00	ug/kg	20.00		107	75-125			
Trichloroethene (TCE)	21.9	4.00	ug/kg	20.00		110	72-121			
Toluene	20.8	2.00	ug/kg	20.00		104	68-126			
Chlorobenzene	20.9	4.00	ug/kg	20.00		105	71-117			
Surrogate: Dibromofluoromethane	*10.6*		ug/kg	*10.00*		*106*	*78-126*			
Surrogate: Toluene-d8	*10.2*		ug/kg	*10.00*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.44*		ug/kg	*10.00*		*94.4*	*80-120*			
LCS Dup Prepared & Analyzed: 11/02/12										

POSITIVE LAB SERVICE

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw-Rodeo

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20710 - EPA 5035										
1,1-Dichloroethene	21.0	4.00	ug/kg	20.00		105	70-129	4.89	20	
Methyl tert-butyl ether (MTBE)	21.9	4.00	ug/kg	20.00		110	64-131	0.999	20	
Benzene	19.6	2.00	ug/kg	20.00		98.2	75-125	8.30	20	
Trichloroethene (TCE)	20.3	4.00	ug/kg	20.00		102	72-121	7.77	20	
Toluene	19.0	2.00	ug/kg	20.00		95.2	68-126	8.93	20	
Chlorobenzene	19.2	4.00	ug/kg	20.00		96.0	71-117	8.53	20	
Surrogate: Dibromofluoromethane	*10.9*		ug/kg	*10.00*		*109*	*78-126*			
Surrogate: Toluene-d8	*10.1*		ug/kg	*10.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.50*		ug/kg	*10.00*		*95.0*	*80-120*			
Matrix Spike Source: 1211013-04 Prepared & Analyzed: 11/08/12										
1,1-Dichloroethene	18.4	4.00	ug/kg	20.00	ND	92.2	65-130			
Benzene	17.4	2.00	ug/kg	20.00	2.82	72.8	59-129			
Trichloroethene (TCE)	17.6	4.00	ug/kg	20.00	ND	88.0	58-134			
Toluene	16.0	2.00	ug/kg	20.00	2.51	67.4	59-123			
Chlorobenzene	13.6	4.00	ug/kg	20.00	ND	68.2	66-122			
Surrogate: Dibromofluoromethane	*10.8*		ug/kg	*10.00*		*108*	*73-135*			
Surrogate: Toluene-d8	*9.97*		ug/kg	*10.00*		*99.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.53*		ug/kg	*10.00*		*95.3*	*66-131*			
Matrix Spike Dup Source: 1211013-04 Prepared & Analyzed: 11/08/12										
1,1-Dichloroethene	17.9	4.00	ug/kg	20.00	ND	89.6	65-130	2.92	30	
Benzene	16.4	2.00	ug/kg	20.00	2.82	68.0	59-129	6.68	30	
Trichloroethene (TCE)	16.6	4.00	ug/kg	20.00	ND	82.8	58-134	6.21	30	
Toluene	15.0	2.00	ug/kg	20.00	2.51	62.4	59-123	7.78	30	
Chlorobenzene	13.0	4.00	ug/kg	20.00	ND	64.8	66-122	5.11	30	
Surrogate: Dibromofluoromethane	*10.7*		ug/kg	*10.00*		*107*	*73-135*			
Surrogate: Toluene-d8	*9.79*		ug/kg	*10.00*		*97.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.42*		ug/kg	*10.00*		*94.2*	*66-131*			
Batch BK20606 - EPA 3050B										
Blank Prepared & Analyzed: 11/06/12										
Antimony	ND	2.50	mg/kg							
Arsenic	ND	1.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							

POSITIVE LAB SERVICE

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(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

Project: MTA Crenshaw-Rodeo

File #:75048
Report Date: 11/08/12 16
Submitted: 11/01/12
PLS Report No.: 1211013

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Selenium	ND	1.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	1.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS Prepared & Analyzed: 11/06/12										
Antimony	46.2	2.50	mg/kg	49.71		92.9	60-140			
Arsenic	188	1.00	mg/kg	199.4		94.2	80-120			
Barium	221	1.00	mg/kg	200.2		110	80-120			
Beryllium	4.99	1.00	mg/kg	5.000		99.9	80-120			
Cadmium	5.32	1.00	mg/kg	4.980		107	80-120			
Chromium	21.6	1.00	mg/kg	19.86		109	80-120			
Cobalt	54.0	1.00	mg/kg	49.83		108	80-120			
Copper	28.4	1.00	mg/kg	25.27		113	80-120			
Lead	53.4	1.00	mg/kg	50.10		107	80-120			
Molybdenum	50.4	1.00	mg/kg	49.95		101	80-120			
Nickel	54.3	1.00	mg/kg	50.10		108	80-120			
Selenium	182	1.00	mg/kg	199.7		91.3	80-120			
Silver	5.10	1.00	mg/kg	5.000		102	80-120			
Thallium	200	1.00	mg/kg	198.7		100	80-120			
Vanadium	50.9	1.00	mg/kg	50.30		101	80-120			
Zinc	52.1	5.00	mg/kg	50.10		104	80-120			
Matrix Spike Source: 1211038-02 Prepared & Analyzed: 11/06/12										
Antimony	39.6	2.50	mg/kg	49.71	ND	79.6	60-140			
Arsenic	191	1.00	mg/kg	199.4	6.23	92.5	75-125			
Barium	323	1.00	mg/kg	200.2	112	105	75-125			
Beryllium	5.44	1.00	mg/kg	5.000	0.539	97.9	75-125			
Cadmium	5.34	1.00	mg/kg	4.980	0.480	97.5	75-125			
Chromium	38.1	1.00	mg/kg	19.86	17.1	106	75-125			
Cobalt	55.9	1.00	mg/kg	49.83	6.58	98.9	75-125			
Copper	40.9	1.00	mg/kg	25.27	14.0	106	75-125			
Lead	54.7	1.00	mg/kg	50.10	6.14	96.9	75-125			
Molybdenum	49.7	1.00	mg/kg	49.95	1.62	96.2	75-125			
Nickel	66.4	1.00	mg/kg	50.10	18.5	95.7	75-125			
Selenium	180	1.00	mg/kg	199.7	ND	89.9	75-125			
Silver	4.80	1.00	mg/kg	5.000	ND	96.1	75-125			
Thallium	186	1.00	mg/kg	198.7	ND	93.8	75-125			
Vanadium	80.5	1.00	mg/kg	50.30	31.7	97.0	75-125			
Zinc	102	5.00	mg/kg	50.10	58.7	87.5	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared & Analyzed: 11/06/12										

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/08/12
Submitted: 11/01/12
PLS Report No.: 1211013

Project: MTA Crenshaw-Rodeo

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20606 - EPA 3050B										
Antimony	41.0	2.50	mg/kg	49.71	ND	82.5	60-140	3.61	30	
Arsenic	193	1.00	mg/kg	199.4	6.23	93.6	75-125	1.19	30	
Barium	319	1.00	mg/kg	200.2	112	103	75-125	1.94	30	
Beryllium	5.42	1.00	mg/kg	5.000	0.539	97.6	75-125	0.311	30	
Cadmium	5.42	1.00	mg/kg	4.980	0.480	99.3	75-125	1.78	30	
Chromium	39.0	1.00	mg/kg	19.86	17.1	110	75-125	4.04	30	
Cobalt	56.6	1.00	mg/kg	49.83	6.58	100	75-125	1.39	30	
Copper	40.6	1.00	mg/kg	25.27	14.0	105	75-125	0.863	30	
Lead	55.3	1.00	mg/kg	50.10	6.14	98.2	75-125	1.27	30	
Molybdenum	50.2	1.00	mg/kg	49.95	1.62	97.2	75-125	1.03	30	
Nickel	67.1	1.00	mg/kg	50.10	18.5	97.1	75-125	1.46	30	
Selenium	182	1.00	mg/kg	199.7	ND	91.1	75-125	1.30	30	
Silver	4.85	1.00	mg/kg	5.000	ND	97.0	75-125	0.935	30	
Thallium	188	1.00	mg/kg	198.7	ND	94.7	75-125	0.979	30	
Vanadium	80.9	1.00	mg/kg	50.30	31.7	97.8	75-125	0.818	30	
Zinc	103	5.00	mg/kg	50.10	58.7	89.1	75-125	1.84	30	
Batch BK20605 - EPA 7471A										
Blank Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	ND	0.100	mg/kg							
LCS Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.745	0.100	mg/kg	0.8283		89.9	80-120			
Matrix Spike Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.901	0.100	mg/kg	0.8283	ND	109	75-125			
Matrix Spike Dup Source: 1211038-02 Prepared: 11/06/12 Analyzed: 11/08/12										
Mercury	0.833	0.100	mg/kg	0.8283	ND	101	75-125	7.84	25	

Notes and Definitions

M	Matrix Interference
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

72165

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11/1/12 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 121019

CLIENT NAME: TETRA TECH Project Name/No. MTA CRENSHAW - RODEO P.O. NO.

ADDRESS: 345 E. FOOTHILL BLVD. PASADENA CA 91107

PROJECT MANAGER: B. SALAZAR PHONE NO: 8184457677 FAX NO:

SAMPLER NAME: B SALAZAR (Printed) _____ (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# _____

AIRBILL NO: _____

COOLER TEMP: 2.3°C

PRESERVED: _____

REMARKS:
CR-4506
AT MARSHALL SCHOOL

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	ANALYSES REQUESTED: TPH CL (C4-C44)	VOC (8260B full scan)	METALS	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	CR-4506-1-2.5	11/1	1210			X			N	1	J	X		X	
2	CR-4506-1-5		1220							1	S				Hold
3	CR-4506-1-10		1225							1/3	S/V	X	X		
4	CR-4506-1-K		1230							1	S				Hold
5	CR-4506-3-2.5		1400							1	J	X		X	
6	CR-4506-3-5		1405							1	S	X		X	Hold
7	CR-4506-3-10		1410							1/3	S/V	X	X		
8	CR-4506-3-15		1420							1	S				Hold
9															
10															

Relinquished By: (Signature and Printed Name) B. SALAZAR Received By: (Signature and Printed Name) _____ Date: 11/1/12 Time: 1442

Relinquished By: (Signature and Printed Name) _____ Received By: (Signature and Printed Name) _____ Date: 11/1/12 Time: 1522

Relinquished By: (Signature and Printed Name) _____ Received By: (Signature and Printed Name) _____ Date: _____ Time: _____

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ da

By _____ Date _____

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

November 05, 2012

Mr. Berwyn Salazar
Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Report No.: 1211018
Project Name: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Dear Mr. Berwyn Salazar,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 01, 2012.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4506-1-7.5' (10 Purge) Air (2) (1211018-01) Sampled:11/01/12 15:30 Received:11/01/12 19:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*97.7 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*101 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*104 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

Sample ID: CR-4506-1-12' (10 Purge) Air (2) (1211018-02) Sampled:11/01/12 15:31 Received:11/01/12 19:30

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Sample ID: CR-4506-1-12' (10 Purge) Air (2) (1211018-02) Sampled:11/01/12 15:31 Received:11/01/12 19:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Acetone	ND		1	ug/l	1.00	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methylene chloride (Dichloromethane)	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chloroform	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Carbon tetrachloride	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1-Dichloropropene	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Benzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Toluene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Dibromochloromethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
o-Xylene	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Di-isopropyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Ethyl tert-butyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Tert-amyl methyl ether	ND		1	ug/l	0.0150	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Freon 113	ND		1	ug/l	0.0250	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Isopropyl Alcohol (IPA)	ND		1	ug/l	0.500	EPA 5030B M EPA 8260B	11/01/12	11/01/12	rp	BK20512
Surrogate: Dibromofluoromethane	*102 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: Toluene-d8	*99.4 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*
Surrogate: 4-Bromofluorobenzene	*106 %*			*70-130*		*EPA 5030B M EPA 8260B*	*11/01/12*	*11/01/12*	*rp*	*BK20512*

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Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
Blank Prepared & Analyzed: 11/01/12										
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.0100	ug/l							
Chloroethane	ND	0.0300	ug/l							
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l							
Acetone	ND	1.00	ug/l							
1,1-Dichloroethene	ND	0.0250	ug/l							
Methylene chloride (Dichloromethane)	ND	0.100	ug/l							
trans-1,2-Dichloroethene	ND	0.0150	ug/l							
1,1-Dichloroethane	ND	0.0150	ug/l							
2,2-Dichloropropane	ND	0.0150	ug/l							
cis-1,2-Dichloroethene	ND	0.0150	ug/l							
2-Butanone (MEK)	ND	0.200	ug/l							
Chloroform	ND	0.0250	ug/l							
1,1,1-Trichloroethane	ND	0.0150	ug/l							
Carbon tetrachloride	ND	0.0150	ug/l							
1,1-Dichloropropene	ND	0.0150	ug/l							
Benzene	ND	0.0250	ug/l							
1,2-Dichloroethane	ND	0.0150	ug/l							
Trichloroethene (TCE)	ND	0.0150	ug/l							
1,2-Dichloropropane	ND	0.0150	ug/l							
cis-1,3-Dichloropropene	ND	0.0250	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l							
Toluene	ND	0.200	ug/l							
trans-1,3-Dichloropropene	ND	0.0250	ug/l							
1,1,2-Trichloroethane	ND	0.0250	ug/l							
Tetrachloroethene (PCE)	ND	0.0250	ug/l							
1,3-Dichloropropane	ND	0.0250	ug/l							
Dibromochloromethane	ND	0.0250	ug/l							
Chlorobenzene	ND	0.0250	ug/l							
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l							
Ethylbenzene	ND	0.150	ug/l							
m,p-Xylene	ND	0.200	ug/l							
o-Xylene	ND	0.150	ug/l							
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l							
1,2,3-Trichloropropane	ND	0.0250	ug/l							
Methyl tert-butyl ether (MTBE)	ND	0.0150	ug/l							
1,4-Dioxane	ND	0.250	ug/l							
Tert-butyl alcohol	ND	0.150	ug/l							
Di-isopropyl ether	ND	0.0150	ug/l							
Ethyl tert-butyl ether	ND	0.0150	ug/l							

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
Tert-amyl methyl ether	ND	0.0150	ug/l							
Cyclohexane	ND	0.100	ug/l							
Freon 113	ND	0.0250	ug/l							
Isopropyl Alcohol (IPA)	ND	0.500	ug/l							
Surrogate: Dibromofluoromethane	*9.98*		ug/l	*10.00*		*99.8*	*70-130*			
Surrogate: Toluene-d8	*9.93*		ug/l	*10.00*		*99.3*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*10.1*		ug/l	*10.00*		*101*	*70-130*			
LCS Prepared & Analyzed: 11/01/12										
1,1-Dichloroethene	9.08	0.0250	ug/l	10.00		90.8	70-130			
Benzene	10.0	0.0250	ug/l	10.00		100	70-130			
Trichloroethene (TCE)	10.5	0.0150	ug/l	10.00		105	70-130			
Toluene	10.4	0.200	ug/l	10.00		104	70-130			
Chlorobenzene	10.5	0.0250	ug/l	10.00		105	70-130			
Methyl tert-butyl ether (MTBE)	10.2	0.0150	ug/l	10.00		102	70-130			
Surrogate: Dibromofluoromethane	*10.1*		ug/l	*10.00*		*101*	*70-130*			
Surrogate: Toluene-d8	*10.2*		ug/l	*10.00*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*10.1*		ug/l	*10.00*		*101*	*70-130*			
Duplicate Source: 1211017-02 Prepared & Analyzed: 11/01/12										
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l		ND				20	
Vinyl chloride (Chloroethylene)	ND	0.0100	ug/l		ND				20	
Chloroethane	ND	0.0300	ug/l		ND				20	
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l		ND				20	
Acetone	ND	1.00	ug/l		ND				20	
1,1-Dichloroethene	ND	0.0250	ug/l		ND				20	
Methylene chloride (Dichloromethane)	ND	0.100	ug/l		ND				20	
trans-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
1,1-Dichloroethane	ND	0.0150	ug/l		ND				20	
2,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
2-Butanone (MEK)	ND	0.200	ug/l		ND				20	
Chloroform	ND	0.0250	ug/l		ND				20	
1,1,1-Trichloroethane	ND	0.0150	ug/l		ND				20	
Carbon tetrachloride	ND	0.0150	ug/l		ND				20	
1,1-Dichloropropene	ND	0.0150	ug/l		ND				20	
Benzene	2.19	0.0250	ug/l		2.46			11.3	20	
1,2-Dichloroethane	ND	0.0150	ug/l		ND				20	
Trichloroethene (TCE)	ND	0.0150	ug/l		ND				20	
1,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l		ND				20	
Toluene	ND	0.200	ug/l		ND				20	

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Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
trans-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
1,1,2-Trichloroethane	ND	0.0250	ug/l		ND				20	
Tetrachloroethene (PCE)	ND	0.0250	ug/l		ND				20	
1,3-Dichloropropane	ND	0.0250	ug/l		ND				20	
Dibromochloromethane	ND	0.0250	ug/l		ND				20	
Chlorobenzene	ND	0.0250	ug/l		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
Ethylbenzene	ND	0.150	ug/l		ND				20	
m,p-Xylene	ND	0.200	ug/l		ND				20	
o-Xylene	ND	0.150	ug/l		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
1,2,3-Trichloropropane	ND	0.0250	ug/l		ND				20	
Methyl tert-butyl ether (MTBE)	ND	0.0150	ug/l		ND				20	
1,4-Dioxane	ND	0.250	ug/l		ND				20	
Tert-butyl alcohol	ND	0.150	ug/l		ND				20	
Di-isopropyl ether	ND	0.0150	ug/l		ND				20	
Ethyl tert-butyl ether	ND	0.0150	ug/l		ND				20	
Tert-amyl methyl ether	ND	0.0150	ug/l		ND				20	
Cyclohexane	84.3	0.100	ug/l		94.3			11.2	20	E-01
Freon 113	ND	0.0250	ug/l		ND				20	
Isopropyl Alcohol (IPA)	ND	0.500	ug/l		ND				20	
Surrogate: Dibromofluoromethane	*9.29*		ug/l	*10.00*		*92.9*	*70-130*			
Surrogate: Toluene-d8	*13.4*		ug/l	*10.00*		*134*	*70-130*			*DO*
Surrogate: 4-Bromofluorobenzene	*10.5*		ug/l	*10.00*		*105*	*70-130*			
Duplicate Source: 1211017-05 Prepared & Analyzed: 11/01/12										
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l		ND				20	
Vinyl chloride (Chloroethylene)	ND	0.0100	ug/l		ND				20	
Chloroethane	ND	0.0300	ug/l		ND				20	
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l		ND				20	
Acetone	ND	1.00	ug/l		ND				20	
1,1-Dichloroethene	ND	0.0250	ug/l		ND				20	
Methylene chloride (Dichloromethane)	ND	0.100	ug/l		ND				20	
trans-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
1,1-Dichloroethane	ND	0.0150	ug/l		ND				20	
2,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,2-Dichloroethene	ND	0.0150	ug/l		ND				20	
2-Butanone (MEK)	ND	0.200	ug/l		ND				20	
Chloroform	ND	0.0250	ug/l		ND				20	
1,1,1-Trichloroethane	ND	0.0150	ug/l		ND				20	
Carbon tetrachloride	ND	0.0150	ug/l		ND				20	
1,1-Dichloropropene	ND	0.0150	ug/l		ND				20	

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BK20512 - EPA 5030B										
Benzene	ND	0.0250	ug/l		ND				20	
1,2-Dichloroethane	ND	0.0150	ug/l		ND				20	
Trichloroethene (TCE)	ND	0.0150	ug/l		ND				20	
1,2-Dichloropropane	ND	0.0150	ug/l		ND				20	
cis-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l		ND				20	
Toluene	ND	0.200	ug/l		ND				20	
trans-1,3-Dichloropropene	ND	0.0250	ug/l		ND				20	
1,1,2-Trichloroethane	ND	0.0250	ug/l		ND				20	
Tetrachloroethene (PCE)	ND	0.0250	ug/l		ND				20	
1,3-Dichloropropane	ND	0.0250	ug/l		ND				20	
Dibromochloromethane	ND	0.0250	ug/l		ND				20	
Chlorobenzene	ND	0.0250	ug/l		ND				20	
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
Ethylbenzene	ND	0.150	ug/l		ND				20	
m,p-Xylene	ND	0.200	ug/l		ND				20	
o-Xylene	ND	0.150	ug/l		ND				20	
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l		ND				20	
1,2,3-Trichloropropane	ND	0.0250	ug/l		ND				20	
Methyl tert-butyl ether (MTBE)	ND	0.0150	ug/l		ND				20	
1,4-Dioxane	ND	0.250	ug/l		ND				20	
Tert-butyl alcohol	ND	0.150	ug/l		ND				20	
Di-isopropyl ether	ND	0.0150	ug/l		ND				20	
Ethyl tert-butyl ether	ND	0.0150	ug/l		ND				20	
Tert-amyl methyl ether	ND	0.0150	ug/l		ND				20	
Cyclohexane	ND	0.100	ug/l		ND				20	
Freon 113	ND	0.0250	ug/l		ND				20	
Isopropyl Alcohol (IPA)	ND	0.500	ug/l		ND				20	
Surrogate: Dibromofluoromethane	*10.3*		ug/l	*10.00*		*103*	*70-130*			
Surrogate: Toluene-d8	*10.2*		ug/l	*10.00*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*10.4*		ug/l	*10.00*		*104*	*70-130*			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Tetra Tech
3475 E. Foothill Blvd.
Pasadena, CA 91107

Attn: Mr. Berwyn Salazar Phone: (626) 470-2427 FAX:(626) 470-2627

File #:75048
Report Date: 11/05/12
Submitted: 11/01/12
PLS Report No.: 1211018

Project: MTA Crenshaw-Rodeo - Mobile Lab 11/01/12

Notes and Definitions

E-01	The concentration for this analyte is an estimated value above the calibration range.
DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

76080

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 11-01-12 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 1211018

CLIENT NAME: Tetra Tech Project Name/No. MTA Crenshaw Rodeo P.O. NO.

ADDRESS: 3475 E. Foothill Blvd., Pasadena, CA 91107

PROJECT MANAGER: B. Salazar PHONE NO: (818) 445-7677 FAX NO:

SAMPLER NAME: Rick Owen Parker (Printed) Rick Owen Parker (Signature)

TAT (Analytical Turn Around Time) 0 = Same day; 1 = 24 Hour; 2 = 48 Hour; (Etc.) N = NORMAL

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

AIRBILL NO: _____

Micro Ambient COOLER TEMP: 69°F

PRESERVED: _____

REMARKS:

ANALYSES REQUESTED:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER: #	TYPE	EPA 8260B (VOC - AW)	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	11/01/12	15:30	CR-4506-1-7.5' (10 Purges)				/	0	1	G	X	
2	2	↓	15:31	CR-4506-1-12' (10 Purges)				/	0	1	G	X	
3													
4													
5													
6													
7													
8													
9													
10													

Relinquished By: (Signature and Printed Name) Rick Owen Parker — Received By: (Signature and Printed Name) Rick Owen Parker — Date: 11/01/12 Time: 19:30

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: — Time:

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: — Time:

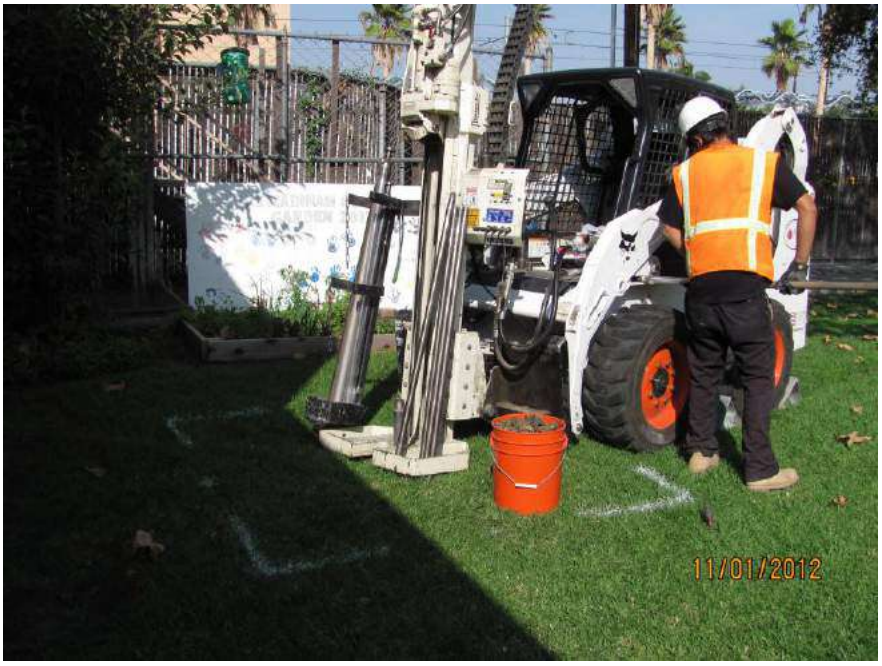
SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

LAB COPY

Appendix C – Photos



Direct Push drilling – soil sampling

Abandoned sampling location after sampling was completed

Investigation Derived Waste (IDW) drum

KRONER
ENVIRONMENTAL SERVICES, INC.

February 16, 2016

Los Angeles Fire Department
Underground Storage Tank – Enforcement Unit
200 North Main Street, Suite 1700
Los Angeles, CA 90012

Subject: UST Soil Report
3644 Crenshaw Blvd. Los Angeles, CA 90016
Crenshaw/LAX Transit Corridor Project – Exposition Station Site
LAFD Unified Program Facility ID: FA0039185
Permit No.: SR0031193

Attention Enforcement Unit:

Kroner Environmental Services Inc. presents the attached UST Soil Report pursuant to the Los Angeles City Fire Department (LAFD) Division 5 Permit SR0031193 requirements. This report pertains to the disposition of an underground storage tank discovered at 3644 Crenshaw Boulevard in Los Angeles. The Crenshaw/Exposition Station portion of the Los Angeles County Metropolitan Transportation Authority Crenshaw/LAX Corridor Transit Project is currently being constructed at this location. Pursuant to Permit SR0031193 requirements, a completed soil report is required to be mailed to the LAFD address listed above and emailed to *lafd.usttestnotify@lacity.org*.

If you have any questions regarding this report, please contact us at (310) 474-1500.

Sincerely,
KRONER ENVIRONMENTAL SERVICES, INC.

Kurt A. Kroner
Vice President

cc: M. Gallagher, Metro
C. Jones, Metro
M. Jacobs, WSCC

UST Soil Report
3644 Crenshaw Boulevard

LAFD Unified Program Site ID: **FA0039185**

Permit No.: **SR0031193**

Prepared For:

Walsh / Shea Corridor Constructors
9323 Bellanca Avenue, Los Angeles, CA 90045

and

Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, Los Angeles, CA 90012

Prepared By:

Kroner Environmental Services, Inc.
10801 National Boulevard, Suite 415, Los Angeles, California 90064
(310) 474-1500

February 16, 2016

Table Of Contents

Figures and Maps

Attachments

1 Certifications and Statement of Limitations

Crenshaw / LAX Transit Corridor Project Contract C0988

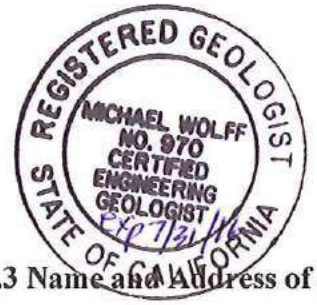
UST SOIL REPORT 3644 CRENSHAW BOULEVARD

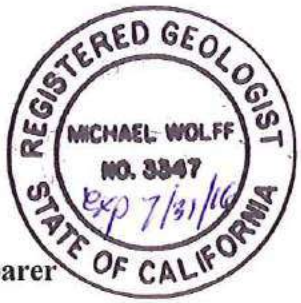
1.1 Wet Ink Signature and Seal with ID Number

I hereby certify that the work associated with the UST closure and UST Soil Report for 3644 Crenshaw Boulevard was performed under my supervision.

Signature — February 17, 2016 (Date)
Michael Wolff
Professional Geologist

1.2 Professional Seal, ID Number, and Expiration Date Stamp





1.3 Name and Address of Preparer

Kroner Environmental Services, Inc.
10801 National Boulevard, Suite 415, Los Angeles, California 90064

This report was prepared by:

Signature — February 16, 2016 (Date)
Philip Chang
Environmental Scientist

This report was approved by:

Signature — February 17, 2016 (Date)
Kurt Kroner
Vice President, Kroner Environmental Services, Inc.

1.4 Statement of Limitations

The services described in this document were performed in a manner consistent with the agreement with the client and in accordance with generally accepted professional consulting principles and practices. Opinions and recommendations contained in this document apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames, and project parameters indicated. KES cannot be responsible for the impact of any changes in environmental standards, practices, or regulations after performance of services. Any use or modification of this document by a third party is expressly prohibited without a written, specific authorization from the client and author. Such authorization will require a signed waiver and release agreement.

This document is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

2 Introduction

The Los Angeles County Metropolitan Transportation Authority (Metro) Crenshaw/LAX Transit Corridor Project is an approximately 8.5-mile light rail transit line that will provide a commuter connection between the existing Exposition light rail and the Metro Green Line. The rail alignment will follow Crenshaw Boulevard 3.3 miles south from Exposition Boulevard to the Metro Harbor Station Railroad Right-of-Way, continue 3.2 miles west along Florence Avenue, and then turn south where Florence Avenue bends into Aviation Boulevard. The alignment will follow Aviation Boulevard for two miles south beyond Los Angeles International Airport where it meets the existing Metro Green Line at Aviation Boulevard and Imperial Highway. This project is being constructed by Walsh Shea Corridor Constructors (WSCC).

This UST Soil Report has been prepared by Kroner Environmental Services, Inc. (KES) for the City of Los Angeles Fire Department (LAFD) on behalf of Metro and WSCC. The report documents the removal activities associated with one Underground Storage Tank (UST) which was discovered on January 14, 2016 at 3644 Crenshaw Boulevard in Los Angeles, California (Site) during construction activities for the Crenshaw/Exposition Station. The scope of work and requirements required by LAFD to be included in this soil report are provided in Attachment A.

3 Site Identification

3.1 Current Owner

Los Angeles Country Metropolitan Transportation Authority

3.2 Current Business Activities

There are no current business activities at this location.

3.3 Spill, Leak, and Accident History

The Phase I Environmental Site Assessment dated June 12, 2012 (Phase I ESA) did not identify any records of spills, leaks, and/or accidents at this location.

3.4 Number, Capacity, and Contents of Tanks and other Components

One approximately 280-gallon capacity empty UST presumably used for storage of fuel. No other components associated with the UST were observed.

4 Background Information

4.1 Site Description

The site is located at 3644 Crenshaw Boulevard at the northeast corner of Crenshaw Boulevard and Rodeo Road in the city Los Angeles as shown on Figure 1. This location is within Metro designated Parcel CR-4503 which according to the Phase I ESA was most recently occupied by Clean King, a coin laundry facility. Clean King consisted of a customer washing/drying area, a change room for the storage of coins collected from customers, and two areas with water heater/dryer equipment, operating within a building approximately 4,000 square feet in size and constructed in 1981. A donut shop and a retail flower shop were located adjacent to Clean King in CR-4503. The area of the square shaped parcel is approximately 0.6 acre. The Phase I ESA indicates that these businesses or similar businesses have occupied the parcel since 1981. The property is primarily paved with asphalt and the western portion is currently being excavated for construction of the Expo Station.

4.2 Previous Investigation

In December 2011, Metro retained Tetra Tech, Inc. to conduct a Phase 1 ESA of the site. The assessment included a visual reconnaissance of the site, visual inspection of the surrounding properties from curbside, review of historical ownership and use, review of regulatory listings, and interview with persons knowledgeable about the site. The study was conducted in order to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Metro Parcel CR-4503. The term Recognized Environmental Conditions is defined by Section 1.1 of the American Society of Testing and Materials Standard Practice as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release into structures on the property or into the ground, groundwater or surface water of the property.

The Phase 1 ESA concluded that there was no evidence of RECs in connection with the site except for historical site uses which include a gasoline service station from 1948 to 1981, a repair garage in at least 1948, and a car wash from 1961 to 1968. The Phase I ESA references LAFD records documenting removal of two 4,000-gallon tanks in 1966, two 4,000-gallon tanks and one 1,000-gallon tank in 1968, and two 10,000-gallon tanks and one 8,000-gallon tank in 1981. The disposition of one remaining 280-gallon tank was described as unknown. No record of formal closure of the USTs by the LAFD was found during the Phase I ESA. Additionally, it was concluded that no Historical RECs or Business Environmental Risks have been found in connection with the site.

5 Geology and Hydrology

5.1 Geology

The site is flat and located approximately between 110 feet and 115 feet above mean sea level. According to the project Geotechnical Baseline Report (GBR), the Crenshaw/LAX Transit Corridor is located in the northern part of the Los Angeles Basin which is directly underlain by unconsolidated Quaternary-age sandy sediments. These sandy sediments are generally subdivided into unconsolidated Holocene-age sediments, or Young Alluvium consisting of surficial sediments including clay, sand, and gravel, and late-Pleistocene materials, or Old Alluvium which typically consists of pebble-gravel, sand, silt and clay.

As part of the Phase I ESA, a database report from Environmental Data Resources (EDR) was procured and reviewed. Based on the EDR database report, the Phase I ESA indicates that the site area is underlain by soils of the Urban Land series with variable soil surface texture. No soils information for the site area was found on the Web Soil Survey website maintained by the United States Department of Agriculture, National Resources Conservation Services.

5.2 Hydrology

The GBR locates the project corridor within the Coastal Plain Los Angeles County Groundwater Basin. Historic high groundwater levels from the early 1900s were followed by decades of groundwater drawdown due to pumping. Groundwater and aquifer resources of southern Los Angeles County have been managed by the Water Replenishment District of Southern California since 1959 and groundwater replenishment occurs through a series of injection wells. According to the Phase I ESA, groundwater in the vicinity of the site ranges from approximately nine to 34 feet below ground surface; groundwater flow directions were reported to be highly variable.

6 Tank Removal Activities, Procedures, and Onsite Inspection

6.1 Tank Removal Activities

- KES prepared and filed an application package to LAFD for a Division 5 UST Tank Abandonment by Removal Permit (closure permit).
- Closure Permit No. SR0031193 was issued on January 26, 2016 (Attachment A).
- Notification was provided to South Coast Air Quality Management District of the removal activities in accordance with Rule 1166 Permit on January 27, 2016 (Attachment B).
- KES (Contractors State Licensing Board license #861892) conducted the UST removal on January 29, 2016. Inspector Lawrence Kim of the LAFD was onsite to provide inspection and oversight of the UST removal and environmental sampling activities.
- Nieto and Sons de-gassed, cleaned and triple rinsed the tank. The tank was then certified by a marine chemist for recycling as scrap metal (Attachment C). The tank rinsate / waste was collected by vacuum truck, and transported to DeMenno Kerdoon in Compton, California, under a uniform hazardous waste manifest (Attachment D)

- The cleaned tank was removed from the ground January 29. 2016 and transported under a bill of lading for recycling to Ecology Auto Parts in Cerritos, California (Attachment E).

6.2 Clarifier Removal associated with UST

No clarifiers associated with the UST were identified.

6.3 Dispenser Replacement/Upgrade Activities

No dispensers associated with the UST were observed to be present during tank discovery, closure, or removal activities.

6.4 Piping Replacement/Upgrade Activities

Piping replacements and upgrade activities were not performed.

6.5 Laboratory Analysis and Chain of Custody

Figure 2 shows the location of the UST and soil samples. All soil sampling was performed under the direction of LAFD Inspector Lawrence Kim and all samples were analyzed per the requirements of the closure permit.

KES collected one soil sample designated KES B-1 from beneath the tank, and one soil sample, KES S-1, from the stockpile of soil removed from the tank excavation. Both samples were analyzed for full range total petroleum hydrocarbons using United States Environmental Protection Agency (EPA) Method 8015b, and benzene, toluene, ethylbenzene, and xylenes (BTEX), fuel oxygenates, and volatile organic compounds (VOCs) using EPA Method 8260B in accordance with the closure permit. The laboratory analytical reports are provided in Attachment F.

6.6 Condition of Tank and Pit Upon Removal

The 280-gallon UST was in fair condition with little rust. The top of the tank was scraped during discovery of the tank. No odors, staining or other signs of release within the tank pit or from soils removed from the pit were observed. A photoionization detector (PID) was used by KES during the excavation process to monitor soils for the presence of hydrocarbons. Throughout the excavation process, hydrocarbons were not detected above background levels. Documentation of field monitoring is provided in Attachment B.

6.7 Date of Removal Activities and Sampling Protocols

The 280-gallon UST was removed on January 29, 2016. KES was present at the site and directly oversaw sampling procedures in conjunction with LAFD Inspector Lawrence Kim. Soil samples were collected in accordance with the closure permit requirements and as directed by Inspector Kim.

Soil samples for VOC analysis and gasoline range total petroleum hydrocarbons were collected in accordance with EPA Method 5035 to minimize loss of constituents during sampling. Samples were managed under strict chain-of-custody procedures and were transported in a cooler containing ice to American Scientific Laboratories, LLC, a

California State-certified environmental testing laboratory (ELAP #2200). The analytical methodology is described in Section 6.5 of this report.

6.8 Name and Address of Removal Company

Kroner Environmental Services, Incorporated

CSLB# 861892 (General Engineering and Hazardous Substances)

10801 National Boulevard, Suite 415, Los Angeles California, 90064

7 Soil Disposal Operations/Contaminated Soil

Soil associated with the tank excavation was screened with a PID for potential hydrocarbon contamination and stockpiled. Hydrocarbons were not detected above ambient levels using the PID. One soil sample collected from the stockpile and another sample collected from beneath the UST were analyzed for closure permit Group D constituents including VOCs, BTEX, total petroleum hydrocarbons and fuel oxygenates. The analyses showed that there were no Group D constituents detectable at the laboratory practical quantitation limit in either of the samples. The stockpiled soil was subsequently used onsite as backfill material. Contaminated soils were not encountered as part of this closure.

8 SCAQMD Rule 1166 Air Monitoring

KES provided notification to the SCAQMD for underground tank removal operations. KES performed the required Rule 1166 monitoring with a MiniRAE 3000 PID which was dual calibrated using both span gas and fresh air prior to monitoring. Copies of the notification and monitoring log are included in Attachment B.

9 Summary of Soil Sampling Analytical Results

Table 1 on the following page summarizes the analytical results for KES B-1 and KES S-1. The certified analytical laboratory reports are provided in Attachment F.

10 Conclusions and Recommendations

Soil samples KES B-1 and KES S-1 were obtained on January 29, 2016 from beneath the UST and from the excavated soil stockpile, respectively, and analyzed for all LAFD closure permit Group D constituents including total petroleum hydrocarbons, BTEX, fuel oxygenates, and VOCs. These constituents were not detected at concentrations which exceed the laboratory practical quantitation limit.

Based on the analytical results, visual observations, and PID readings, KES concludes that the soils associated with the UST were not impacted by any contamination related to the previous use and operation of the UST. It is KES opinion that the tank removed for this closure was the 280-gallon UST of unknown disposition referenced in the Phase I ESA and historical LAFD documentation. KES recommends closure of the 3644 Crenshaw Boulevard site and no further remediation.

Table 1 – Summary of Analytical Results

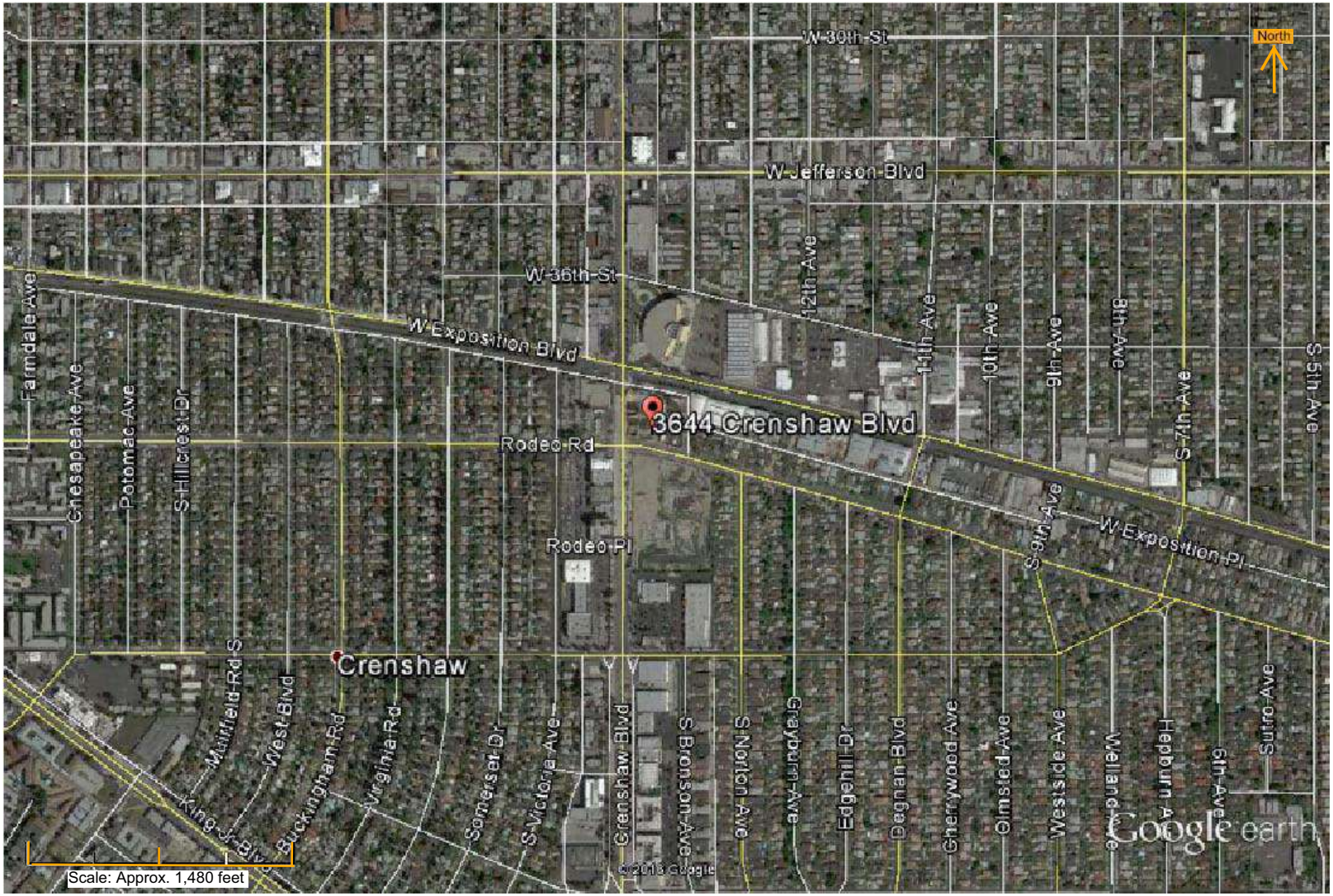
Constituent	EPA Test Method	Practical Quantitation Limit	Results (KES B-1 & S-1)
Benzene	8260B	2.00 ug/kg	Not Detected at concentrations equal to or greater than the laboratory Practical Quantitation Limit
Toluene	8260B	2.00 ug/kg	
Ethylbenzene	8260B	2.00 ug/kg	
m- & p-Xylenes	8260B	4.00 ug/kg	
o-Xylene	8260B	2.00 ug/kg	
Fuel oxygenates:	8260B		
MTBE		5.00 ug/kg	
DIPE		5.00 ug/kg	
ETBE		5.00 ug/kg	
TAME		5.00 ug/kg	
TBA		20.0 ug/kg	
Other VOCs	8260B	10.0 - 50.0 ug/kg	
$TPH_{gasoline}$ (C6 - C10)	8015B	500 ug/kg	
TPH_{diesel} (C10 - C28)	8015B	10 mg/kg	
TPH_{oil} (C28+)	8015B	50 mg/kg	

Notes: ug/kg = micrograms per kilogram; mg/kg = milligrams per kilogram

Figures and Maps

1) Site Map with Cross Streets

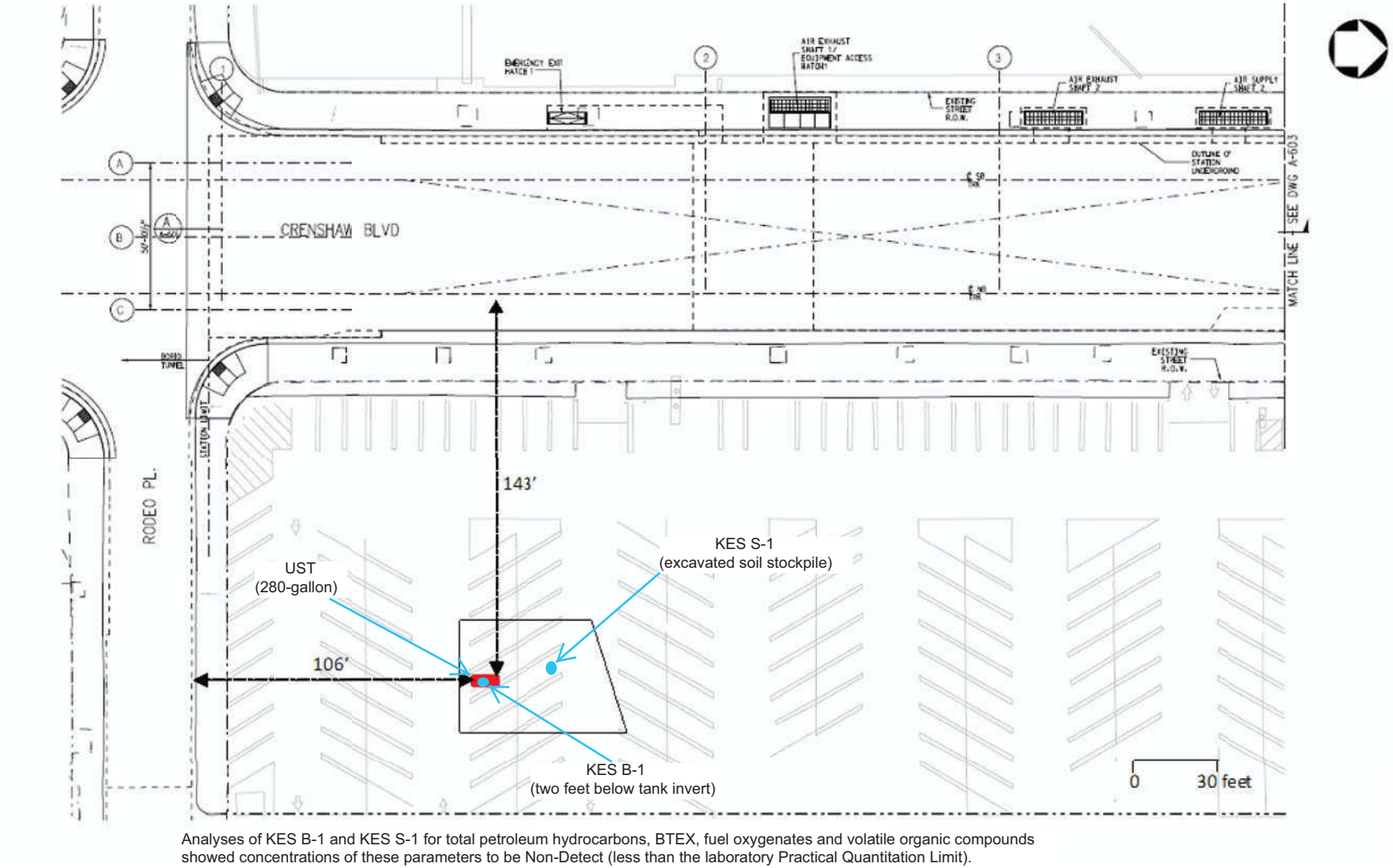
2) Site Plan, Sample Locations, Results



KRONER ENVIRONMENTAL SERVICES, INC.

WALSH SHEA CORRIDOR CONSTRUCTORS

Crenshaw/LAX Transit Corridor Project C0988
UST Soil Report
3644 Crenshaw Boulevard Site
FIGURE 1 - SITE OVERVIEW



Analyses of KES B-1 and KES S-1 for total petroleum hydrocarbons, BTEX, fuel oxygenates and volatile organic compounds showed concentrations of these parameters to be Non-Detect (less than the laboratory Practical Quantitation Limit).

KRONER ENVIRONMENTAL SERVICES, INC.

WALSH SHEA CORRIDOR CONSTRUCTORS

Crenshaw/LAX Transit Corridor Project C0988
UST Soil Report
3644 Crenshaw Boiulevard Site
FIGURE 2 - SITE PLAN, TANK, SAMPLE LOCATIONS

Attachment A

LAFD Division 5 Permit and UST Soil Report Requirements

UST SOIL REPORT REQUIREMENTS

A complete soil report is due 30 days from the date of soil sampling

MAIL COMPLETED SOIL REPORT TO:
LOS ANGELES FIRE DEPARTMENT
UNDERGROUND STORAGE TANK - ENFORCEMENT UNIT
200 NORTH MAIN STREET, SUITE 1700
LOS ANGELES, CALIFORNIA 90012

Also EMAIL COMPLETED SOIL REPORT TO:
lafd.usttestnotify@lacity.org

FACILITY ADDRESS	PERMIT #	FACILITY ID	DATE
3644 S. CRENSHAW BLVD	31193	39185	1/29/16

The soil report should follow the Los Angeles Fire Department's General Report submittal guidelines. To assist you, the guidelines are available at **http://www.lafd.org/sites/default/files/pdf_files/fpb41_tank_aband.pdf**.

The following documentation shall be included as part of your report:

- A copy of the Los Angeles Fire Department Division 5-Permit
- Marine Chemist Certificate
- Copy of the Hazardous Waste Manifest for Disposal of Tank's Rinsate
- Certificate of Tank Disposal/Destruction and associated piping
- Soil manifest for soil removed from the site
- Scaled plot plan, clearly illustrating the location and depth of all the samples collected
- All analytical results should be presented in milligram per kilogram (mg/kg)
- All names in the chain of custody must be legible
- A copy of this page
- ***If soil analysis results exceed the LAFD Minimum Action Levels, include an Unauthorized Release Report (URR) with your soil report***

ANALYTICAL REQUIREMENTS				
Group A Gasoline	**Group-B Diesel**	**Analytical Method**	**Required MDL's (ug/kg)**	**LAFD Minimum Action Levels mg/kg**
Analyte	Analyte			
TPHg**		Cal-LUFT GC/FID or GC/MS (8015 M)	100-200	100
	TPHd**	Cal-LUFT GC/FID (8015 M)	1000	100
BTEX	BTEX	EPA Method 8260B (8021B)	1	Benzene –1, TEX-50
MTBE	MTBE	EPA Method 8260B	2	>MDL's
DIPE	DIPE	EPA Method 8260B	2	1
ETBE	ETBE	EPA Method 8260B	2	1
TAME	TAME	EPA Method 8260B	2	1
TBA	TBA	EPA Method 8260B	20	20
Group-C	**Methanol***	Cal-LUFT GC/FID	1000	100
	Ethanol*	Cal-LUFT GC/FID (EPA 8260B)	500	100
Group-D	**Waste Oil Tank:** Test for TPHg, TPHd and heavy ends oils, using Cal-Luft GC/FID or GC/MS and BTEX and Oxygenates, **and full suite of VOCs,** using EPA Method 8260B			

In every group include Naphthalene as part of the test.
*If tanks historically or currently contain Methanol or Ethanol, test for those compounds.
**Soil samples shall be prepared using EPA Method 5035 for all VOC's and TPHg.

LOCATION	ANALYTE****	SAMPLES	LOCATION	ANALYTE**	SAMPLES
Tank 1	D	1	Dispenser (TPHg)		
Tank 2			Dispenser (TPHd)		
Tank 3			Piping		
Tank 4			Water samples		
Tank 5			Stockpiles		1
Tank 6			Other		
Total number of samples			Total number of samples		2

****Select one or more from groups A through D**

Los Angeles City Fire Department

Application for Division 5 Permit - Atmospheric Underground Tank

FIRE DEPT. USE ONLY

DATA MANAGEMENT UNIT	LAFD UNIFIED PROGRAM FACILITY ID:	PERMIT NO.:	DATE GRANTED:	WORK MUST BEGIN BY:	EXPIRATION DATE:
☐ Tanks are registered & Fees paid to date ☐ Fee exempt Signature	FA0039185	SR0031193	1/26/2016	7/26/2016	1/26/2017
	ENFORCEMENT INSPECTOR: LAWRENCE KIM () -		FIRE STATION #: 034	PERMIT TYPE: UST TANK ABANDON BY REMOVAL	

LOCATION INFORMATION

DOING BUSINESS AS (DBA): LA COUNTY METRO TRANS AUTH		EPA ID NO: (not required for installation or monitoring) CAL000406314
ADDRESS: 3644 S CRENSHAW BLVD		PHONE NO: (213) 922-4887
CITY: LOS ANGELES	STATE: CA	ZIP: 90016

PROPERTY OWNER

NAME: METROPOLITAN TRANSPORTATION AUTHORITY		PHONE NO: (213) 922-4887
ADDRESS: 1 GATEWAY PLAZA MAIL STOP 99-18-10 ATTN: TOM KEFALAS		
CITY: LOS ANGELES	STATE: CA	ZIP: 90012
PRINT NAME: Chris Jones	SIGNATURE: Chris Jones by M.L.	

LESSEE/FACILITY OWNER

NAME: METROPOLITAN TRANSPORTATION AUTHORITY		PHONE NO: (213) 922-4887
ADDRESS: 1 GATEWAY PLAZA MAIL STOP 99-18-10 ATTN: TOM KEFALAS		
CITY: LOS ANGELES	STATE: CA	ZIP: 90012
PRINT NAME:	SIGNATURE: Chris Jones by M.L.	

CONTRACTOR INFORMATION

NAME: KRONER ENVIRONMENTAL SERVICES INC		PHONE NO: (310) 474-1500
ADDRESS: 10801 NATIONAL BL STE 415		
CITY: LOS ANGELES	STATE: CA	ZIP: 90064

CITY BUSINESS NUMBER:	STATE CONTRACTOR #:	EXP. DATE:	WORK COMP NUMBER -	EXP. DATE:
2025082-0001-5	861892	7/31/2017	XJUB3998T14814	12/1/2016

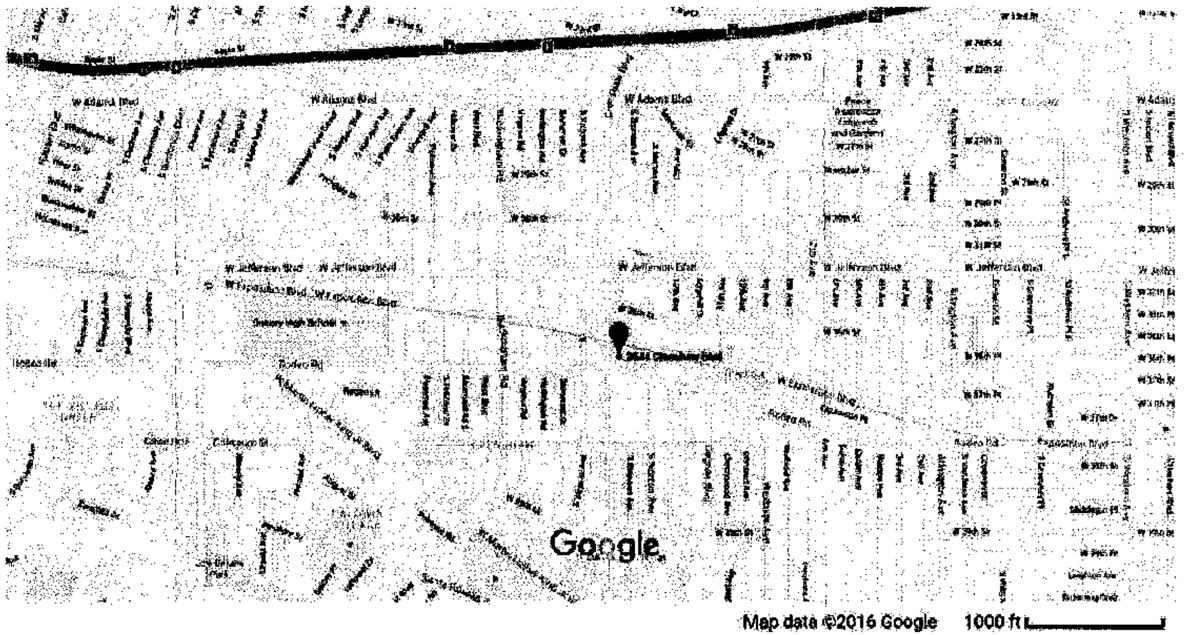
PRINT NAME:	SIGNATURE:	TITLE:
KURT KRONER	Kurt Kroner M.L.	Project Manager

	ITEM	PE	QTY	NOTES:
	UST Installation	5100		INV# - IN0253670
	UST Abandonment-In-Place	5200		REMOVAL OF (1) TANK SIZE UNKNOWN
[X]	UST Abandonment by Removal	5201	1	
	UST Add to/Alter: Monitor/Piping/Disp.	5300		
	UST Tank Entry / Lining / Repair	5301		
	Site Assessment	5400		
	Emergency Plan Check/Site Assessment	5401		

APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
BY

INSPECTOR NAME: GREGORY STEVENS INSPECTOR SIGNATURE:

Underground Storage Tank Removal
LA County Metropolitan Transportation Authority
3644 Crenshaw Blvd., Los Angeles, CA 90016
EPA Generator ID Number: CAL000406314
1 UST to be removed



Scope of Work

1. Remove soil from the top and sides of the USTs as well as associated piping and appurtenances to expose the USTs.
2. Piping joints and elbows will also be exposed prior to removal to optimize sampling points.
3. While excavating the soil around the tanks, KES shall avoid the use of sparking tools and ignition sources such as static electricity, flames, and open flames.
4. A photo-ionization detector (PID) will be used during soil excavation to monitor concentrations of volatile organic compounds (VOCs) in the air.
5. The excavated soil will be stockpiled for proper disposal or reuse in the excavation, if laboratory analysis indicates reuse to be acceptable.
6. Degas the USTs to mitigate any fire or explosion hazard. Because the material that was stored in the USTs was flammable, the USTs will be rendered inert using an inert gas such as nitrogen or carbon dioxide ("dry ice").
7. Check Lower Explosive Limit (LEL) of tank interior
8. Cold-cut man way to access the tank interior
9. Decontamination of all liquid, solid, and sludge from the UST and associated piping will be performed before the tank is removed.
10. Liquid wastes will be removed by vacuum truck, and sludge and sand will be removed by excavator bucket and placed in drums or roll-off bins
11. Triple-rinse tank interior and remove rinsate and residual liquid to offsite recycling facility.
12. Los Angeles County Metropolitan Transportation Authority (Metro) will sign manifests for soil/liquid within tanks
13. Provide CIH or Marine Chemist to verify the tanks as visually clean, and tank LEL is zero
14. Upon arrival of LAFD Inspector, remove UST using a small crane and associated heavy machinery.
15. Excavate below USTs at least 2 ft. to remove fill material and overburden.
16. Soil sampling as directed by LAFD Inspector.

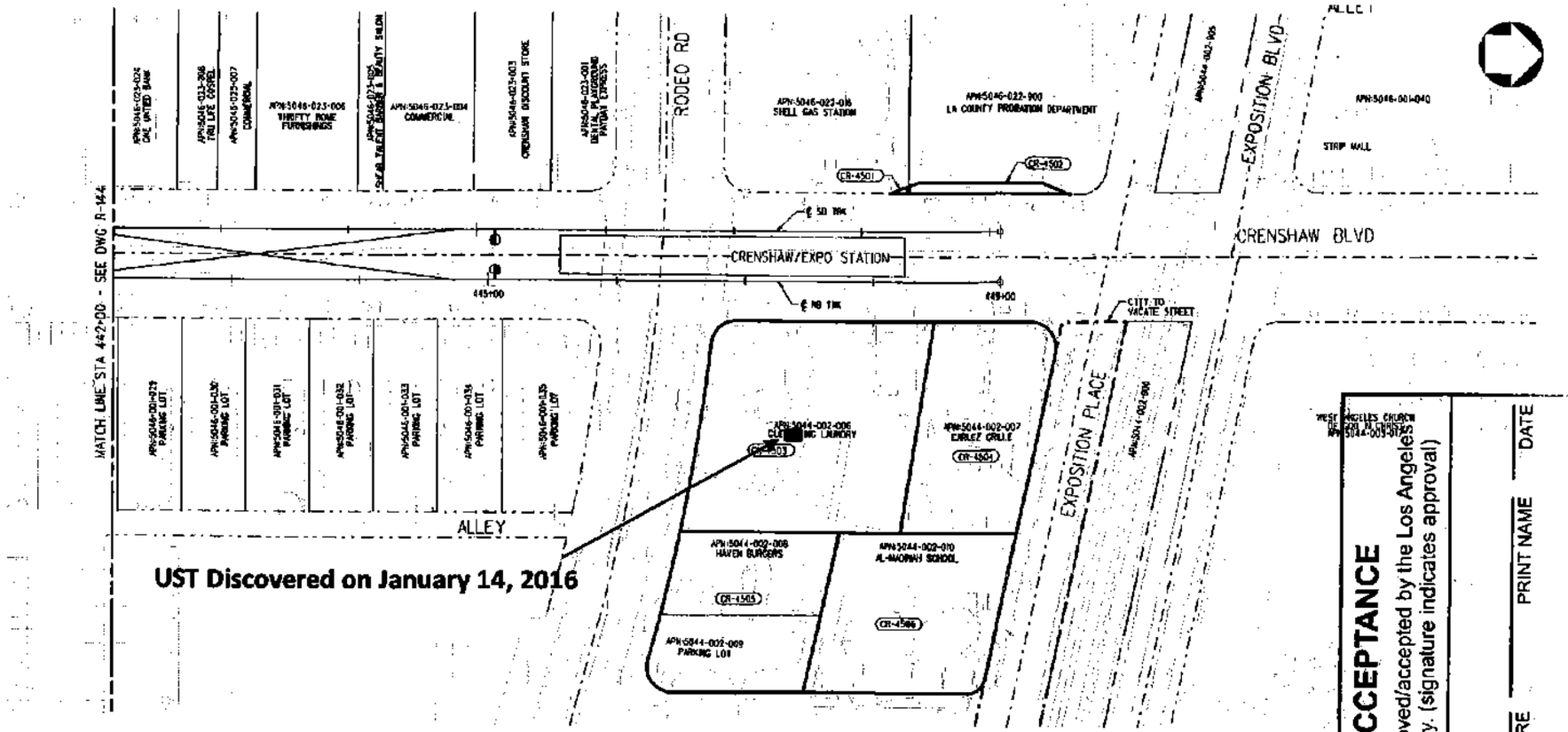
SUBJECT TO FIELD INSPECTION
The approval of these plans and/or specifications does not exempt them from strict compliance with all other pertinent Sections of the Municipal Code and other laws and regulations.

APPROVED
LOS ANGELES FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
By

WALSH SHEA

KRONER ENVIRONMENTAL SERVICES, INC.

Cover Page –UST Abandonment	Fig.
3644 Crenshaw Blvd. Los Angeles CA 90016 LA County Metropolitan Transportation Authority	1



UST Discovered on January 14, 2016

Underground Storage Tank Removal
LA County Metropolitan Transportation Authority
3644 Crenshaw Blvd., Los Angeles, CA 90016
EPA Generator ID Number: CAL000406314
1 UST to be removed

APPROVAL / ACCEPTANCE

The following systems have been approved/accepted by the Los Angeles Fire Department CUPA for use in the city. (signature indicates approval)

	SIGNATURE	PRINT NAME	DATE
PRIMARY CONTAINMENT SYSTEM			
SECONDARY SYSTEM			
MONITORING SYSTEM			
OTHER: please print			

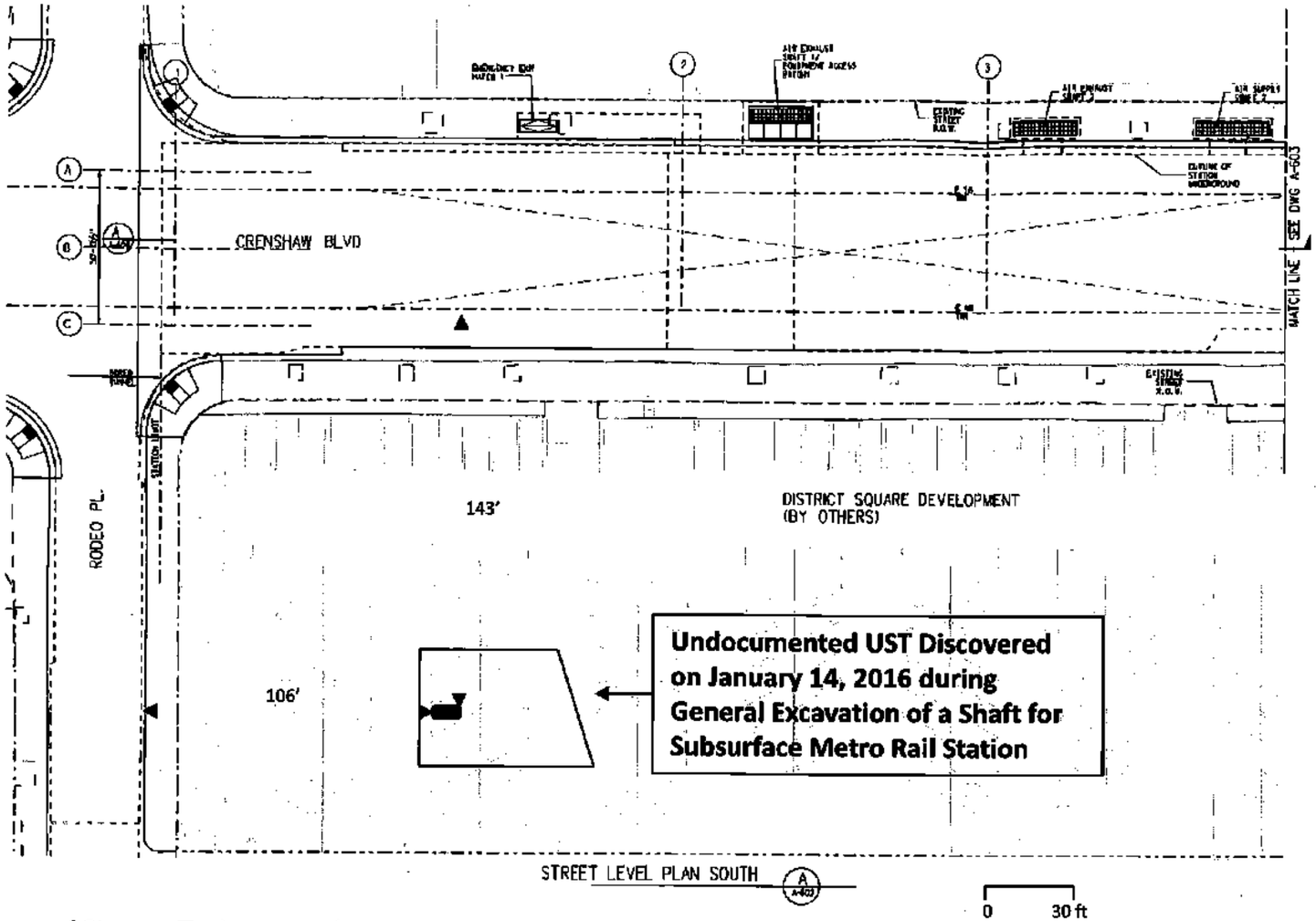
WALSH SHEA

KRONER ENVIRONMENTAL SERVICES, INC.

Property Boundaries/Surface Features

3644 Crenshaw Blvd. Los Angeles CA 90016
LA County Metropolitan Transportation Authority

Figure 2



Underground Storage Tank Removal
LA County Metropolitan Transportation Authority
3644 Crenshaw Blvd., Los Angeles, CA 90016
EPA Generator ID Number: CAL000406314
1 UST to be removed

WALSH SHEA / KRONER ENVIRONMENTAL SERVICES, INC.	UST Location	Figure
	3644 Crenshaw Blvd. Los Angeles CA 90016 LA County Metropolitan Transportation Authority	3

Attachment B

AQMD Rule 1166 Field Monitoring Data Sheets

Notification Number - 1/27/2016 - Scott Robins. TIME RECEIVED Scott Robins y 27, 2016 12:10:10 PM PST
01/27/2016 2:38:16PM 11:55AM BMS INC
Reference Nbr: 420526
Loc. Address: X

** INBOUND NOTIFICATION : FAX RECEIVED SUCCESSFULLY **

REMOTE CSID	DURATION	PAGES	STATUS
4254518704	37	1	Received

No. 5429 P. 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SVE Operation (R203) or Rule 1166 NOTIFICATION FORM

JAN 27 2016

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE); or prior to Excavating, Handling, Monitoring, Treating known or suspect Volatile Organic Compounds (VOC) contaminated soil per R1166. See instructions on the back of this form. For questions check our website at www.aqmd.gov or call the Hotline at (909) 396-2326.
FAX this form to 909-396-3342 and within 48 hours of the fax, MAIL the original form and fee to:
SCAQMD - 1166/203 Notifications, File # 55641, Los Angeles, CA 90074-5641
This form will be faxed back to you with a REFERENCE number if you provide a FAXBACK # here: 310 474 1577

AQMD USE ONLY RECEIVED BY	POSTMARK	REFERENCE # 420626

COMPLETED BY	Daniel Edwards	Company	Kroner Environmental Svcs.	Phone #	(310) 474-1500
Date 1/27/16	Check # 4257	Amount	$67.98	Project #	1087 Expo Tank

NOTIFICATION TYPE (check one only)	Original (initial)	Revision (prior reference #)	Cancellation (prior reference #)
	✓		

PROJECT TYPE (check one only)	[1] Soil Vapor Extraction (SVE)	[2] R1166 Treating Contaminated Soil	[2] R1166 Excavation of VOC Soil/Tank	[1] R1166 Reporting > 50 ppm VOC Soil	[2] R1166 Reporting > 1000 ppm VOC Soil
			✓		

[1] SVE Permit Issued to (name):
[1] SVE Permit Number:
[1] SVE Distance to nearest sensitive receptor in feet (see your permit condition requirements):

[2] R1166 Mitigation Plan Issued to (name): Kurt Kroner
[2] R1166 Plan Number: 564018
[2] R1166 - Date & time of VOC > 50 or 1000 ppm exceedance:
Highest VOC reading in ppm:

PROJECT DATES	START	1/29/16	END	1/29/16	WORK SHIFT	day ✓	swing	night

SITE CONTRACTOR INFORMATION	AQMD ID #	145366	CSLB License #	661892	Phone #	(310) 474-1500
Name	Kroner Env. Services	Address	10801 National Blvd. #416			
City	Los Angeles	Zip	90064	Site supv name & phone #	Pat Randell	(805) 390-5601

SITE INFORMATION	Site Name	Carwash Site	Site AQMD ID #	N/A Various Locations
Site Address	3644 Crenshaw Blvd.		Cross Street	Rodeo Rd
Site City	Los Angeles	Zip	90018	Site contact name & phone #	Kurt Kroner	(213) 248-1091

TANK INFORMATION	# OF TANKS	EACH	CAPACITY (gal)	MATERIAL STORED IN TANK	ABOVE GROUND? (Y/N)
Tanks	1	@	300.00	unknown	No
		@			
Example	*3 tanks*	@	*10,000*	*Gasoline*	*no*

INFORMATION CERTIFICATION I certify that the above information is complete and accurate

Company Name	Daniel	Print Name	Edwards	Signature		Date	1/27/16

COMMENTS:

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

COMPLIANCE PLAN

This plan must be renewed annually and is subject to annual renewal fees pursuant to Rule 306 (h).

Plan Issue Date: 4/28/2015 ID 145366

Company: KRONER ENVIRONMENTAL SERVICES INC
10801 NATIONAL BLVD, STE 415
LOS ANGELES, CA 90064

Site Location: VARIOUS LOCATIONS IN SCAQMD

Conditions:

The operation under this Rule 1166 has been conditionally approved and is subject to the following conditions:

SECTION I - GENERAL REQUIREMENTS

1. A signed copy of this plan shall be present at each excavation site at all times and shall be made available to SCAQMD personnel upon request.
2. This plan is not valid for the excavation of VOC contaminated soils at landfills or sites used for disposal of refuse or other types of waste.
3. This plan does not allow the treatment of VOC-contaminated soil by thermal, chemical, or mechanical processes. Any of the above treatment processes requires a permit to operate from the SCAQMD and a site-specific Rule 1166 plan.
4. This plan does not allow back-filling of treated VOC contaminated soil. Back-filling of treated VOC contaminated soil may be allowed under a site specific Rule 1166 plan.
5. The total quantity of VOC contaminated soil excavated and handled at each site shall not exceed 2,000 cubic yards. This total includes any VOC contaminated soils excavated from this location under a various location plan within the last twelve (12) calendar months. Excavations involving quantities in excess of 2,000 cubic yards of VOC contaminated soil requires the application submittal and approval of a site specific Rule 1166 excavation plan.
6. For the purposes of Rule 1166 and this plan, soil measured pursuant to Rule 1166 as VOC contaminated soil, is considered as VOC contaminated soil from the time of measurement onward, until the soil is treated pursuant to an approved SCAQMD treatment process.
7. During each step of the process up to and including the removal and disposal process, all precautions and measures shall be taken to minimize the release of VOC, odor and dust. This includes, but is not limited to:
   A. The use of additional plastic sheeting or suppressants on exposed soil surfaces and work areas,
   B. Maintaining paved public streets free of soil deposits, and
   C. Operating such that VOC soil shall not be spread on-site or off-site; and not performing any unnecessary movement or agitation of soil, including the reshaping or relocation of stockpiles, that may cause the uncontrolled evaporation of VOCs into the atmosphere.

ORIGINAL

8. The SCAQMD shall be immediately notified of any complaints received as a result of activities conducted under this plan. Such notification shall include the nature of the complaint, number of complainants and the action taken by the plan holder to mitigate the source of the complaint.

SECTION II - PRIOR TO EXCAVATION

9. At least 24 hours prior to commencing excavation or grading of soil at the site, the executive officer or designee shall be notified of the excavation by fax using a form approved by the executive officer which is fully completed and including, the name of the company performing the excavation, and the application number listed on this mitigation plan. The notification shall be made by faxing the notification form at (909) 396-3342. Fax notifications will receive a reference number by return fax or can be obtained referencing the fax notification by phone Tuesday through Friday during business hours at (909) 396-2326. The reference number shall be retained as proof of compliance with this requirement.

Reference Number: Notification Date:

10. Complete verification information in Attachment section and obtain required signatures, prior to commencing excavation.

SECTION III - MONITORING

11. All monitoring shall be conducted by trained personnel who are proficient in the use of the hydrocarbon monitor selected for use at this site.

12. During the excavation process, an organic vapor analyzer (OVA) shall be on site at all times. The OVA shall be maintained in good working order at all times and shall be calibrated by the manufacturer at least once every three months. The calibration of the OVA shall be verified using certified calibration gas at the beginning of each working day with the procedures specified by the manufacturer. If a calibration gas other than hexane is used, each measured reading shall be correlated to and expressed as hexane, using equivalency factors provided by the manufacturer.

13. All monitoring shall be conducted at a distance no more than 3 inches above the soil surface using an OVA described in condition no. 12 above. Monitoring shall be conducted at a minimum frequency of one reading for every two cubic yards of soil excavated, not to exceed fifteen minutes between readings. All readings shall be taken no later than three (3) minutes after each load of soil is excavated.

14. Written records of OVA monitoring and calibrations required above shall be kept in a format approved by the SCAQMD. The approved format is included in the attachment section (total 6 pages). The certification on all records shall be signed and dated on the day the measurements are observed.

ORIGINAL

15. Upon detection of VOC contaminated soil (readings 50 PPMV or greater), the executive officer or designee shall be notified within 24 hours of the first detection of VOC contamination. The notification shall be made by faxing the notification form to (909) 396-3342 or calling (909) 396-2326. A reference number will be faxed back or will be issued when the phone notification is received. All phone notifications shall be followed by mailing the notification form to the district postmarked within 48 hours. The reference number will be retained as proof of compliance with this requirement.

Reference Number: Notification Date:

SECTION IV - HANDLING

16. If the OVA measurement is greater than 50 PPMV but less than 1000 PPMV

A. The affected work area and load of soil shall be sprayed with water and/or approved vapor suppressant.

B. Contaminated soil in stockpiles shall be covered with plastic sheeting which overlap a minimum of twenty-four inches and are secured so that no portion of the contaminated soil is exposed to the atmosphere. In the course of handling the stockpile, only the working face of the stockpile may be uncovered.

17. If the soil OVA measurement equals or is greater than 1,000 PPMV, notify the District immediately or within one hour of detection, and,

A. The affected soil and Working area shall be immediately sprayed with water or an approved vapor suppressant, and either:

i. The contaminated soil excavated shall be immediately placed in SCAQMD approved sealed containers equipped with vapor tight lids, or,

ii. The soil shall be directly loaded in trucks, sprayed with additional water or approved vapor suppressants, covered, and transported immediately off site to an approved treatment facility, or,

B. Handled by alternative storage methods with prior written approval from the SCAQMD.

18. All VOC-contaminated soil below 1000 PPMV shall be stockpiled, covered with plastic sheeting and stored separately from non-VOC-contaminated soil, or immediately transported to a treatment facility

SECTION V - STORAGE

19. A stockpile shall not contain more than 400 cubic yards of soil.

20. During excavation, the only exposed VOC contaminated soil shall be restricted to the immediate working area of the site or stockpile. All other portions of the stockpile shall be covered with plastic sheeting, with seams, which overlap a minimum of twenty-four inches and are secured with duct tape. Any exposed VOC-contaminated soil surfaces (work face) shall be kept moist with water or other approved suppressants at all times, and shall be re-covered during periods of inactivity longer than one (1) hour. At the end of each working day, all stockpiles shall be completely covered and securely anchored to prevent any exposure of soil to the atmosphere.

ORIGINAL

21. Once covered with plastic sheeting, stockpiles shall remain undisturbed until removed from site.

22. Daily inspections shall be conducted of all covered VOC-contaminated stockpiles to ensure the integrity of the plastic cover. Such inspections shall include a visual inspection of all seams and plastic cover surfaces. Any holes, tears or any other potential sources of fugitive VOC emissions shall be repaired immediately. Daily records shall be maintained to ensure compliance with this condition.

SECTION VI - SOIL REMOVAL AND DISPOSAL

23. All excavated VOC-contaminated soil shall be removed from the site within thirty (30) days of its excavation.

24. All VOC-contaminated soil removed from the site shall comply with the following:

    A. Be transported to an approved treatment/disposal facility. It shall be the responsibility of the plan holder to ensure that the receiving treatment/disposal facility has received approval from the appropriate environmental oversight agencies to handle and treat VOC contaminated soils.

    B. Prior to covering/tarping, loaded contaminated soil shall be treated by spraying with water or dust suppressants.

    C. The truck or trailer shall be completely covered/tarped prior to leaving the site to prevent particulate emissions to the atmosphere.

    D. When loading is completed and during transportation, no excavated material shall extend above the sides or rear of the truck or trailer.

    E. The exterior of the trucks (including the tires) shall be cleaned off prior to the trucks leaving the excavation site.

SECTION VII - RECORDS AND REPORTING

25. A written report shall be provided to the SCAQMD within 30 days of initial detection of contaminated soil, which includes the following information:

    A. The status of the excavation pit, and any VOC contaminated soil remaining on site.

    B. A brief summary indicating if additional clean up efforts are necessary, the additional quantity of VOC contaminated soils to be excavated and the projected schedule of the excavation.

26. Records of disposal shall be maintained for all VOC-contaminated soil removed from this site. Such records shall be clearly labeled SCAQMD RULE 1166-VOC CONTAMINATED SOIL and shall include the identification and the location of, 1) the generator, 2) transporter and 3) receiving facility. In addition, such records shall be signed and dated by each of the above parties indicating receipt or relinquishment of the VOC-contaminated soil at the time custody is transferred.

27. Records of disposal of VOC-contaminated soil shall be maintained on site during the excavation and later maintained for a period of two (2) years. The records shall be made available to SCAQMD personnel upon request.

ORIGINAL

28. Within thirty (30) days after the excavation at the site is completed, the written records under conditions no. 14, 22, and 27 shall be submitted to the SCAQMD at the following address:

South Coast Air Quality Mgmt District

Engineering & Compliance division

Toxics & Waste management unit

(Rule 1166 Compliance)

21865 E. Copley Dr.

Diamond Bar, CA. 91765-4182

29. Once issued, this plan is subject to further review by the SCAQMD and may be revoked if excavation activities are found in violation of plan conditions or SCAQMD's Rules and Regulations. Failure to comply with one or more of the conditions contained within this plan constitutes a violation of Rules 221 and 1166.

NOTICE

This plan does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the applicable Rules and Regulations of the South Coast Air Quality Management District (SCAQMD). This plan cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

A copy of this plan shall be displayed in the vicinity of the equipment subject to this plan.

Executive Officer

By Dorris M. Bailey/CG06
4/28/2015

ORIGINAL

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

MAY 7 2015

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SVE Operation (R203) or Rule 1166 NOTIFICATION FORM

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE); or prior to Excavating, Handling, Monitoring, Treating known or suspect Volatile Organic Compounds (VOC) contaminated soil per R1166. See instructions on the back of this form. For questions check our website at www.aqmd.gov or call the Hotline at (909) 396-2326.
FAX this form to 909-396-3342 and within 48 hours of the fax, MAIL the original form and fee to:
SCAQMD – 1166/203 Notifications, File # 55641, Los Angeles, CA 90074-5641
This form will be faxed back to you with a **REFERENCE** number if you provide a **FAXBACK** # here:_____

AQMD USE ONLY	RECEIVED BY	POSTMARK	REFERENCE #

COMPLETED BY	Daniel Edwards	Company	Kroner Environmental Svcs.	Phone #	(310) 474-1500
Date 1/27/16	Check #	Amount	$57.98	Project #	1087 Expo Tank

NOTIFICATION TYPE (check one only)	Original (Initial) ☑	Revision (prior reference #) ☐	Cancellation (prior reference #) ☐

PROJECT TYPE (check one only)	[1] Soil Vapor Extraction (SVE) ☐	[2] R1166 Treating Contaminated Soil ☐	[2] R1166 Excavation of VOC Soil/Tank ☑	[2] R1166 Reporting > 50 ppm VOC Soil ☐	[2] R1166 Reporting > 1000 ppm VOC Soil ☐

[1] SVE Permit issued to (name): [1] SVE Permit Number:

[1] SVE Distance to nearest sensitive receptor in feet (see your permit condition requirements):

[2] R1166 Mitigation Plan issued to (name): Kurt Kroner [2]R1166 Plan Number: 564018

[2] R1166 - Date & time of VOC > 50 or 1000 ppm exceedance: Highest VOC reading in ppm:

PROJECT DATES	START	1/29/16	END	1/29/16	WORK SHIFT	day ☑	swing ☐	night ☐

SITE CONTRACTOR INFORMATION	AQMD ID #	145366	CSLB License #	861892	Phone # (310) 474-1500
Name	Kroner Env. Services	Address	10801 National Blvd. #415		
City	Los Angeles	Zip	90064	Site supv name & phone #	Pat Randall (805) 390-5501

SITE INFORMATION	Site Name	Carwash Site	Site AQMD ID #	N/A Various Locations	
Site Address	3644 Crenshaw Blvd.	Cross Street	Rodeo Rd		
Site City	Los Angeles	Zip	90016	Site contact name & phone #	Kurt Kroner (213) 248-1091

TANK INFORMATION	# OF TANKS	EACH	CAPACITY (gal)	MATERIAL STORED IN TANK	ABOVE GROUND? (Y/N)
Tanks	1	@	300.00	unknown	No
		@			
Example	*3 tanks*	@	*10,000*	*Gasoline*	*no*

INFORMATION CERTIFICATION I certify that the above information is complete and accurate

Company Name	Daniel	Print Name	Edwards	Signature	Date 1/27/16

COMMENTS

Print Reset

Rule 203 and Rule 1166 Form Notification Instructions

Use this form to notify of operation of a Soil Vapor Extraction unit (SVE) at any site for more than 5 days per permit condition (R203); or for notifying about R1166 projects prior to excavating soil that is known or suspected to contain Volatile Organic Compounds (VOC), VOC tank excavation, discovering the presence of > 50 ppm and 1000 ppm VOC contaminated soil during soil excavation, or to notify of onsite VOC contaminated soil mitigation or treating.
For questions check our website at **www.aqmd.gov** or call the Hotline at **(909) 396-2326**

NOTIFICATION FEES: Per Rule 301(x) any person required to submit a notification per Rule 1166 projects or Rule 203 - Soil Vapor Extraction projects must pay a notification fee per notification.

FAX all notifications to **(909) 396-3342** and then ***MAIL*** the form and fee within 48 hours of fax to:

SCAQMD Rule 1166 / 203 Notifications, File # 55641, Los Angeles, CA 90074-5641

Notifications must include the following *MANDATORY* information:

Faxback # - Provide your fax # at the top of the Notification Form if you want a **Reference** # faxed back to you.

Notification Type – *CIRCLE the type of Notification*. **Original** is for new or initial Notifications. **Revisions** are for updating information on notifications in which the project End Date has not expired. Provide the most recent prior Reference # issued for **Revisions or Cancellations**.

Project Type - *CIRCLE the type of work* you are submitting a notification for. A separate notification and fee is required for each type of work selected.

Mitigation Plan/Permit - Each Project Type requires a valid R1166 Mitigation Plan ***or*** SVE Permit # (*important)*.

Site Contractor Information - Provide the information for the actual contractor ***doing the work***. The AQMD ID #, also known as Company or Facility ID #, can be found on the contractor's AQMD Mitigation Plan, Permits or invoices.

Site Information - Provide the site name and complete address. Include the street number and name, city, zip code, and nearest cross street. Give more detailed directions for site(s) difficult to locate.

Project Dates - Provide the project Start and End Dates. Any changes will require a Revision notification.

Tank Information – For R1166 tank excavation specify the tank capacity, the VOC material stored in the tank, and if the tank is above ground (a/g) or underground (u/g).

Information Certification - The notification must be signed and dated by the contractor doing the work or authorized representative to confirm that the information provided is complete and accurate.

SOIL/TANK EXCAVATION NOTIFICATION Rule 1166(c)(1)(B) **Notify 24 hours prior of intent to *Excavate* known** or suspected VOC storage and/or transfer equipment (includes diesel and waste oil tanks); or ***handling*** known or suspected VOC contaminated soil. **NOTE:** Soil excavation > 5,000 cubic yards may require a R403 Fugitive Dust Plan.

DETECTING/FINDING VOC SOIL NOTIFICATION - Rule 1166(c)(1)(D)(ii) **Notify of finding VOC contaminated soil**

- within **1 hour** of detecting VOC greater than **1000 ppm***
- within **24 hours** of detecting VOC greater than **50 ppm**
- within **1 hour** of an excavation due to a breakdown requiring a Rule 430 notification to SCAQMD

EMERGENCY NOTIFICATION Rule 1166(c)(1)(B) **Notify prior to start work of any incident declared an emergency by** an authorized agency requiring immediate tank removal/repairs or excavating/handling known or suspected VOC soil:

- **Call** 1-800-CUT-SMOG prior to excavating or fax the emergency notification to 909-396-3342 and
- **Mail** the notification within 48 hours after the excavation including the agency Order or Declaration.

SOIL VAPOR EXTRACTION NOTIFICATION (SVE – Rule 203 *) **Notify upon the 5th day after operating at a new site:** Notifying of ***start-up* or *testing*** of operation of portable Soil Vapor Extraction equipment lasting 5 days or more. Provide the distance in feet to the nearest sensitive receptor ***if*** the site is located less than ¼ mile from any Long-Term Health Care Facility, Rehabilitation Center, Convalescent Center, Retirement Home, Residence, School, Playground, Child Care Center or Athletic Facility (***** *See your SVE permit condition requirements*).

MITIGATION/TREATING VOC SOIL NOTIFICATION (Rule 203 *) **Notify per Permit condition requirements when:** Notifying of on-site ***mitigation*** or ***treating*** of VOC contaminated soil (* *See your Permit condition requirements*).

Attachment C

UST Certification for Removal

DAN NAPIER, CIH
INDUSTRIAL HYGIENE
LICENSE #773462

111 N. Sepulveda Boulevard, Suite 355
Manhattan Beach, California 90266-6850
Telephone 310/800 644-1924
Fax 310/937-8642
www.cihcsp.com
Email dan@cihcsp.com

Certified Industrial Hygienist Certificate

Survey Requested by: Victor Sm

Owner of UST: LA County Trans. Auth

Date of survey: 1/29/16

Tank Description: Steel 1193

Capacity: 200 Gallons

Last known Contents: unk - oil

Location of Tank: 3644 Crenshaw, Los Angeles, CA

Test Method: direct instrument reading
Calibration
Date 1/27/16 Inst# QA113-019029

Time Survey Completed: 0830

Instructions: Remove tank and immediately place on the transport vehicle. Immediately transport to site of demolition.

The above tank or tanks have been triple rinsed, or the equivalent, pressure wash with minimum 3000-psi water pressure. The Environmental Protection Agency's cleaning criteria for empty containers (40 CFR 261.7 Residues of Hazardous Waste in Empty Containers) was used by Dan Napier, CIH as an appropriate means of ascertaining the cleanliness of the equipment. According to 40 CFR 261.7:

> A container or inner liner removed from a container that has held an acute hazardous waste listed in EPA 261.31,32,33E (EPA HW No F, K, P, U) is empty if it has been triple rinsed using a solvent capable of removing the commercial chemical product or it has been cleaned by another method that has been shown in the scientific literature to achieve equivalent removal.

The above tank(s) has (have) been tested and the Lower Explosion Level (LEL) is equal to or less than 0% (zero percent).

"The undersigned acknowledges receipt of this Certificate under Section 2-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

Signed_____
Company Date

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed_____ CIH
Cert. Number 2267

Attachment D

Tank Rinsate Disposal Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000406314
2. Page 1 of: 1
3. Emergency Response Phone: (714) 990-6855
4. Manifest Tracking Number: 008697650 FLE

5. Generator's Name and Mailing Address:
Los Angeles County Metropolitan Trans Auth.
470 Bauchet Street
Los Angeles, CA 90012-2913
Generator's Phone: (213) 922-5870

Generator's Site Address (if different than mailing address):
Los Angeles County Metropolitan Trans Auth.
LAT 33.977708 LONG -118.330086
Los Angeles, CA 90043

6. Transporter 1 Company Name: Nieto and Sons Trucking, Inc. — U.S. EPA ID Number: CAT080016116

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
DeMenno Kerdoon
2000 N. Alameda Street
Compton, CA 90222
Facility's Phone: (310) 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1203, Waste Flammable Liquid, 3, PG II (Gasoline Mixture)	001	T T	50	G	134
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Wear All Appropriate Protective Clothing — ERG #128
Expo Station UST

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ed Gillera ON BEHALF OF LACMTA — Signature: [signature] — Month 01 Day 29 Year 16

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kandl Rodriguez — Signature: [signature] — Month 01 Day 29 Year 16
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INTL — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Attachment E

Tank Disposal Documentation / Facility Address

NIETO & SONS TRUCKING, INC.

License # 673912
1281 Brea Canyon Road • Brea, CA 92821
Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760
(714) 990-6855 • Fax (714) 990-4862

DAILY TICKET
DT 04681
JOB DATE 01 / 29 / 16

Su M Tu W Th (F) Sa

CUSTOMER	ORDER DATE	ORDER TIME	P.O. NUMBER
Kroner Environmental Services, Inc.			

ORDERED BY / TELEPHONE: Kurt Kroner (213) 248-1091

ADDRESS: 10801 National Blvd., Suite 415
Los Angeles, CA 90064 (310) 474-1500

JOB SITE - NAME - ADDRESS WITH CROSS STREETS: LA County Metro Line - construction site
3644 Crenshaw Blvd.
Los Angeles

DRIVER	TRUCK NO	TRAILER	HELPER #1	HELPER #2	TRUCK NO.	START TIME
Ronnie Rodriguez	264		Jeff Wyrick		170 A/C	5:30

ON SITE AT: 7:00 AM

TANKS:	Contents	S/W	D/W
#1 200	DIESEL	FG (Steel)	8' or 9'6"
#2 K		FG Steel	8' or 9'6"
#3 K		FG Steel	8' or 9'6"
#4 K		FG Steel	8' or 9'6"
#5 K		FG Steel	8' or 9'6"
#6 K		FG Steel	8' or 9'6"

Any excess fluid in tank(s) YES (NO) If yes, what and how much? _____ LEAD AGENCY: _____

Windows required: (YES) NO If yes, A/C & rivet bust by NIETO CLIENT Water on site YES NO

Chemist required: (YES) NO If yes, chemist by (NIETO) CLIENT NAPIER On site at 8:30AM Date on site 1-29 (YES) NO V/M

Double Dagae: YES (NO) Day #1 On site time: _____ Date _____ AQMD# _____ Day #2 Date _____ Time _____

Single degassing required: YES (NO) On site time: _____ Date: _____ AQMD # _____

Tank(s) lifted by: (CLIENT'S backhoe) NIETO 14 ton stinger crane Hyrdo crane

Hydro crane by: NIETO CLIENT Hydro crane company: _____ Crane scheduled: YES NO

Tank pull time: 9:00AM Crane arrival time: _____ Tank pull date: 1-29

Tanks hauled by: NIETO (CLIENT) To: _____ Trk# ____ of ____ On site time _____ STAKEBED FLATBED PICKUP TRUCK DROP DECK & PERMIT SIGNS

Dry ice required YES (NO) Provided by: NIETO CLIENT If Nieto by: WASH CREW TRACTOR TRAILER

Type of dry ice: Sliced _____ lbs. Pellets _____ lbs. Block _____ lbs. Amount _____ at _____ lbs/tk

Special LEL/02 meter req'd? (YES) NO Air compressor venturi req'd? YES NO A/C Venturi Needed next day for tank pull? YES NO

ON SITE REPORT

YARD DEPART	JOB ARRIVE	START WORK	STOP WORK	JOB DEPART	YARD ARRIVE	DELAYS ON SITE	TOTAL HOURS
	7:00			8:45			

Tanks on site			
#1 280	w/o (S/W) FG Steel D/W 8' or 9'6"	#2 K	S/W FG Steel D/W 8' or 9'6"
#3 K	S/W FG Steel D/W 8' or 9'6"	#4 K	S/W FG Steel D/W 8' or 9'6"
#5 K	S/W FG Steel D/W 8' or 9'6"	#6 K	S/W FG Steel D/W 8' or 9'6"

Manifest No. 009697650FLE Gallons: 50 Excess fluid on site: YES NO How much? _____

Total Solids [X] Less than 1/2 drum [ ] 1/2 Drum _____ [ ] 1 Drum _____ Drums

NOTES: Tank to be rinsed clean

DRIVER SIGNATURE	TRUCK NO.	CUSTOMER SIGNATURE	DATE
		X [signature]	

CUSTOMER COPY

ECOLOGY
RECYCLING AND TRANSPORTATION SERVICES

Friday March 4, 2016

Kroner Environmental Services, Inc.
10801 National Blvd, suite 415
Los Angeles, CA 90604
Email: pchange@kronerenvironmental.com

Dear Phillip,

Re: **CERTIFICATE OF DESTRUCTION-03/04/16-1**

This document confirms the destruction by way of scrap-metal recycling of multiple pieces "1-200 gallon steel tank". Site address: 3466 Crenshaw Blvd Los Angeles, CA 90016. Original stored at Ecology, 13780 E. Imperial Hwy Santa Fe Springs, CA 90670.
.

Processing Site address:	Ecology 13780 E. Imperial Hwy Santa Fe Springs, CA 90670	
Site manager:	Aaron Siroonian	562-755-0868

Serial Number:

We are dedicated to providing a service that continuously serves all our client's needs. If you have any questions or if I can be of any assistance please feel free to call me at your earliest convenience. *We look forward to serving your company and exceeding your expectations!*

Sincerely,

Saul Gracian

Saul Gracian
562-824-0223

Safety-First
It's better to lose one minute in life... than to lose life in a minute.

Attachment F

Laboratory Analytical Reports and Chain of Custody

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

Kroner Environmental Svcs, Inc.
10801 National Blvd. #415
Los Angeles, CA 90064-

Telephone (310)474-1500
Attn Kurt Kroner

Number of Pages 6
Date Received 01/29/2016
Date Reported 02/01/2016

Job Number	Ordered	Client
66885	01/29/2016	KRONER

Project ID: C0988
Project Name: Crenshaw / LAX Transit Project
Site: 3644 Crenshaw Blvd.
Los Angeles, CA

Enclosed are the results of analyses on 2 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Kroner Environmental Svcs, Inc.
10801 National Blvd. #415
Los Angeles, CA 90064-

Telephone: (310)474-1500
Attn: Kurt Kroner

Site

3644 Crenshaw Blvd.
Los Angeles, CA

Page: **2**

Project ID: C0988
Project Name: Crenshaw / LAX Transit Project

ASL Job Number	Submitted	Client
66885	01/29/2016	KRONER

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: S1D-012916

Our Lab I.D.		**342921**	**342922**			
Client Sample I.D.		KES B-1	KES S-1			
Date Sampled		**01/29/2016**	**01/29/2016**			
Date Prepared		**01/29/2016**	**01/29/2016**			
Preparation Method						
Date Analyzed		**01/29/2016**	**01/29/2016**			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
TPH DROs (C10 to C28)	**10.0**	**ND**	**ND**			
TPH OROs (C28+)	**50.0**	**ND**	**ND**			

Our Lab I.D.		**342921**	**342922**			
Surrogates	**% Rec.Limit**	**% Rec.**	**% Rec.**			
Surrogate Percent Recovery						
Chlorobenzene	**70-120**	**111**	**108**			

QUALITY CONTROL REPORT

QC Batch No: S1D-012916

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Diesel	**101**	**103**	**2.0**	**75-120**	**<20**					

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2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Kroner Environmental Svcs, Inc.
10801 National Blvd. #415
Los Angeles, CA 90064-

Telephone: (310)474-1500
Attn: Kurt Kroner

Site

3644 Crenshaw Blvd.
Los Angeles, CA

Page: **3**

Project ID: C0988
Project Name: Crenshaw / LAX Transit Project

ASL Job Number	Submitted	Client
66885	01/29/2016	KRONER

Method: 8015B, TPH GROs (Gasoline Range Organics)

QC Batch No: S1G-012916

Our Lab I.D.		342921	342922			
Client Sample I.D.		KES B-1	KES S-1			
Date Sampled		01/29/2016	01/29/2016			
Date Prepared		01/29/2016	01/29/2016			
Preparation Method						
Date Analyzed		01/29/2016	01/29/2016			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
TPH GROs (C6 to C10)	500	ND	ND			

Our Lab I.D.		342921	342922			
Surrogates	**% Rec.Limit**	**% Rec.**	**% Rec.**			
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	72	80			

QUALITY CONTROL REPORT

QC Batch No: S1G-012916

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	94	96	2.1	75-120	<20					
Toluene	95	100	5.1	75-120	<20					

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Kroner Environmental Svcs, Inc.
10801 National Blvd. #415
Los Angeles, CA 90064-

Telephone: (310)474-1500
Attn: Kurt Kroner

Site

3644 Crenshaw Blvd.
Los Angeles, CA

Page: **4**

Project ID: C0988
Project Name: Crenshaw / LAX Transit Project

ASL Job Number	Submitted	Client
66885	01/29/2016	KRONER

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: S1B-012916

Our Lab I.D.		342921	342922			
Client Sample I.D.		KES B-1	KES S-1			
Date Sampled		01/29/2016	01/29/2016			
Date Prepared		01/29/2016	01/29/2016			
Preparation Method						
Date Analyzed		01/29/2016	01/29/2016			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
Acetone	50.0	ND	ND			
Benzene	2.00	ND	ND			
Bromobenzene (Phenyl bromide)	10.0	ND	ND			
Bromochloromethane (Chlorobromomethane)	10.0	ND	ND			
Bromodichloromethane (Dichlorobromomethane)	10.0	ND	ND			
Bromoform (Tribromomethane)	50.0	ND	ND			
Bromomethane (Methyl bromide)	30.0	ND	ND			
2-Butanone (MEK, Methyl ethyl ketone)	50.0	ND	ND			
n-Butylbenzene	10.0	ND	ND			
sec-Butylbenzene	10.0	ND	ND			
tert-Butylbenzene	10.0	ND	ND			
Carbon disulfide	10.0	ND	ND			
Carbon tetrachloride (Tetrachloromethane)	10.0	ND	ND			
Chlorobenzene	10.0	ND	ND			
Chloroethane	30.0	ND	ND			
2-Chloroethyl vinyl ether	50.0	ND	ND			
Chloroform (Trichloromethane)	10.0	ND	ND			
Chloromethane (Methyl chloride)	30.0	ND	ND			
4-Chlorotoluene (p-Chlorotoluene)	10.0	ND	ND			
DIPE	5.00	ND	ND			
2-Chlorotoluene (o-Chlorotoluene)	10.0	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	50.0	ND	ND			
Dibromochloromethane	10.0	ND	ND			
1,2-Dibromoethane (EDB, Ethylene dibromide)	10.0	ND	ND			
Dibromomethane	10.0	ND	ND			
1,2-Dichlorobenzene (o-Dichlorobenzene)	10.0	ND	ND			
1,3-Dichlorobenzene (m-Dichlorobenzene)	10.0	ND	ND			
1,4-Dichlorobenzene (p-Dichlorobenzene)	10.0	ND	ND			
Dichlorodifluoromethane	30.0	ND	ND			

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Project ID: C0988
Project Name: Crenshaw / LAX Transit Project

ASL Job Number	Submitted	Client
66885	01/29/2016	KRONER

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: S1B-012916

Our Lab I.D.		342921	342922			
Client Sample I.D.		KES B-1	KES S-1			
Date Sampled		01/29/2016	01/29/2016			
Date Prepared		01/29/2016	01/29/2016			
Preparation Method						
Date Analyzed		01/29/2016	01/29/2016			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
1,1-Dichloroethane	10.0	ND	ND			
1,2-Dichloroethane	10.0	ND	ND			
1,1-Dichloroethene (1,1-Dichloroethylene)	10.0	ND	ND			
cis-1,2-Dichloroethene	10.0	ND	ND			
trans-1,2-Dichloroethene	10.0	ND	ND			
1,2-Dichloropropane	10.0	ND	ND			
1,3-Dichloropropane	10.0	ND	ND			
2,2-Dichloropropane	10.0	ND	ND			
1,1-Dichloropropene	10.0	ND	ND			
cis-1,3-Dichloropropene	10.0	ND	ND			
trans-1,3-Dichloropropene	10.0	ND	ND			
ETBE	5.00	ND	ND			
Ethylbenzene	2.00	ND	ND			
Hexachlorobutadiene (1,3-Hexachlorobutadiene)	30.0	ND	ND			
2-Hexanone	50.0	ND	ND			
Isopropylbenzene	10.0	ND	ND			
p-Isopropyltoluene (4-Isopropyltoluene)	10.0	ND	ND			
MTBE	5.00	ND	ND			
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	50.0	ND	ND			
Methylene chloride (Dichloromethane, DCM)	50.0	ND	ND			
Naphthalene	10.0	ND	ND			
n-Propylbenzene	10.0	ND	ND			
TAME	5.00	ND	ND			
TBA	20.0	ND	ND			
Styrene	10.0	ND	ND			
1,1,1,2-Tetrachloroethane	10.0	ND	ND			
1,1,2,2-Tetrachloroethane	10.0	ND	ND			
Tetrachloroethene (Tetrachloroethylene)	10.0	ND	ND			
Toluene (Methyl benzene)	2.00	ND	ND			
1,2,3-Trichlorobenzene	10.0	ND	ND			
1,2,4-Trichlorobenzene	10.0	ND	ND			
1,1,1-Trichloroethane	10.0	ND	ND			
1,1,2-Trichloroethane	10.0	ND	ND			
Trichloroethene (TCE)	10.0	ND	ND			
Trichlorofluoromethane	10.0	ND	ND			

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Project ID: C0988
Project Name: Crenshaw / LAX Transit Project

ASL Job Number	Submitted	Client
66885	01/29/2016	KRONER

Method: 8260B, Volatile Organic Compounds + Oxygenates

QC Batch No: S1B-012916

Our Lab I.D.		342921	342922			
Client Sample I.D.		KES B-1	KES S-1			
Date Sampled		01/29/2016	01/29/2016			
Date Prepared		01/29/2016	01/29/2016			
Preparation Method						
Date Analyzed		01/29/2016	01/29/2016			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
1,2,3-Trichloropropane	10.0	ND	ND			
1,2,4-Trimethylbenzene	10.0	ND	ND			
1,3,5-Trimethylbenzene	10.0	ND	ND			
Vinyl acetate	50.0	ND	ND			
Vinyl chloride (Chloroethene)	30.0	ND	ND			
o-Xylene	2.00	ND	ND			
m- & p-Xylenes	4.00	ND	ND			

Our Lab I.D.		342921	342922			
Surrogates	**% Rec.Limit**	**% Rec.**	**% Rec.**			
Surrogate Percent Recovery						
Bromofluorobenzene	70-120	105	119			
Dibromofluoromethane	70-120	91	92			
Toluene-d8	70-120	103	104			

QUALITY CONTROL REPORT

QC Batch No: S1B-012916

Analytes	MS % REC	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit					
Benzene	110	107	2.8	75-120	15					
Chlorobenzene	114	110	3.6	75-120	15					
1,1-Dichloroethene (1,1-Dichloroethylene)	86	83	3.6	75-120	15					
MTBE	86	82	4.8	75-120	15					
Toluene (Methyl benzene)	117	115	1.7	75-120	15					
Trichloroethene (TCE)	109	106	2.8	75-120	15					

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Page 1 Of 1

COC# GLOBAL ID _____ E REPORT: ☐ PDF ☐ EDF ☐ EDD JOB# 66885

CHAIN OF CUSTODY RECORD

Company: Kroner Environmental Services, Inc.		Report To: Kurt Kroner	ANALYSIS REQUESTED
Address: 10801 National Blvd. Suite 415	Project Name: Crenshaw/LAX Transit Project	Address: same	TPH 8015B: Full Range; VOCs 8260B - including MTBE, DIPE,ETBE, TAME, TBA
Los Angeles, CA 90064	Site Address: 3644 Crenshaw Bl.	Invoice To: K. Kroner	
Telephone: Fax: 310-474-1500	Los Angeles, CA	Address: same	
Special Instruction:	Project ID: C0988		
E-mail: kkroner@kronerenvironmental.com	Project Manager: Kurt Kroner	P.O.#: 1087	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	TPH 8015B: Full Range	VOCs 8260B - including MTBE, DIPE,ETBE, TAME, TBA	Remarks
	342921	KES B-1	1/29/16	11:05	3/2	Enc/Glass	Soil		X	X	
	342922	KES S-1	1/29/16	11:05	3/2	Enc/Glass	Soil		X	X	

Collected By:	Date 1-29-16	Time 2:25	Relinquished By:	Date	Time
Relinquished By:	Date 1-29-16	Time 2:25	Received For Laboratory Janet Chin	Date 1.29.16	Time 2:25
Received By:	Date	Time	Condition of Sample:		

TAT ☐ Normal ☒ Rush 24 hr

White - Report, Yellow - Laboratory, Pink - Client

Attachment G

Soil Disposal Manifests

(Not applicable - no soils were disposed offsite)

February 4, 2019
Project No, 2019-006

Steven A. Duran
Attn: Katherine Lewis/ Steve Carcano
ISD Insulation, Los Angeles County
1100 N Eastern Avenue, Room No 220
Los Angeles, CA 90063

Microbial Mold Assessment
Crenshaw Area Office
3606 W Exposition Boulevard
Los Angeles, California 90016

Dear Steven:

Environmental Engineering, Inc on behalf of the Los Angeles County Internal Services Insulation Department conducted a microbial mold sampling at the above property. Dr. Zainul Abedin, a Mold Consultant visually inspected mold related impacts and collected bulk, swab and spore trap air samples at the Site on February 2, 2019.

The northwest corner Conference Room of the facility was flooded in the wake of recent rain through a northeast corner roof leak. Flood water soaked much of documents, files, contents of the northeast corner cubicle and then drained into the carpet flooring in the Conference Room. The excess water from carpet flooring of the Conference Room seeped under the wall south into the Lunch Room and east to the corridor. However, roof leak was apparently amended and stopped, all water from the carpet and flooring were drained, dried, and cleaned away. No moisture stains or leaks were visible, and the area were free of pungent mildew odors.

Environmental Engineering Inc. observed dried white moisture stains above ceiling on northeast corner wall of the Conference Room and a tape lift sample was taken of the stains. All other areas, viz Conference Room, Corridor, and Lunch Room were air sampled suspecting airborne mold in absence of visible mold and laboratory analyzed.

Based on laboratory analysis, low concentration of microbial spores was detected inside the Conference Room, Corridor, and Lunch Room. Tape Lift sample also exhibited no concentration of microbial spores inside the ceiling. Spore trap air samples exhibited 100-157 times lower the concentration of microbial spores indoor than the outdoor airborne spores. Indoor spore levels usually average 30% to 80% of the outdoor spore levels.

Microbial remediation is not recommended at the site at present.

We appreciate the opportunity to provide environmental services to Los Angeles County ISD and Glendale Health Clinic on this project. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at (818) 547-1330.

Sincerely Yours,
ENVIRONMENTAL ENGINEERING, INC,

ZAINUL ABEDIN, PhD, REA
Project Manager

Field Sample Results

Site Address: Crenshaw Area Office Conference Room
Date: February 4, 2019
Inspector: Zainul Abedin

Sample	Date	Description	Location	Volume In liters	Stachyb-otrys/m^3	Total Spores/m^3
1	February 2, 2019	Spore Trap	Conference Room, NW Corner Ambient Air	Bulk	Nil	Ascospores & Chaetomium Total : 13 spores
2	February 2, 2019	Spore Trap	Conference Room Corridor Area Ambient Air	150	Nil	Smut, Periconia, and Myxomycetes Total :7 Spores
3	February 2, 2019	Spore Trap	Lunch Room Ambient Air	150	Nil	Others Total :7 Spores
4	February 2, 2019	Spore Trap	Outdoor Background Air Sample at the Rear Lunch Room Entrance	150	Nil	Ascospores – 320 Basidiospores -210 Cladosporium-450 Penicillium/Aspergillus-160 Smut, Periconia, and Myxomycetes-100 Total:1,300 spores
5	February 2, 2019	Surface Sample Tape Lift	Mildew Stained North Wall above ceiling at the NE Corner of Conference Room	Tape Lift	Nil	None

APPENDIX E
QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

LEO REBELE

Principal

Mr. Rebele is a Principal in the Irvine office of Ramboll, with responsibilities that include business development, client liaison, senior oversight and execution on projects involving environmental site investigation, litigation, remediation, environmental permitting and natural resource management. Experience includes the following:

- Supported private industry for more than 25 years by delivering solutions to problems involving real estate due diligence, waterfront and brownfield redevelopment, transit-oriented development, and ports/harbors and watershed-related services. Project experience has been split between managing uplands projects focusing on property transfer/redevelopment and assisting private and port clients with aquatic-related environmental issues.
- Provided high-level strategic redevelopment consulting services to municipalities and private developers in connection with the transfer and redevelopment of contaminated real estate. Clients include residential, commercial and industrial developers, land owners, attorneys, and real estate brokers. Implementing cost recovery actions by providing environmental litigation support services; designing and implementing environmental liability transfer programs including guaranteed fixed-price remediation (GFPR) contracts.
- Provided environmental litigation support services in matters involving cost recovery actions against responsible parties. Deposition and trial experience including a landmark litigation case 3000 E. Imperial v. Robertshaw Controls et al. Routinely conducts environmental forensics analyses with a specialty in compound-specific isotope analysis (CSIA). Develops and applies multi-media video and animation for purposes of trial exhibits and mediation settlement discussions.
- Managed and supervised dozens of Phase I and II environmental site assessments (ESAs) and remediation projects throughout the western United States, Canada, and Mexico; assessed sites affected by landfill materials, chlorinated solvents, heavy metals, petroleum hydrocarbons (including free product), polychlorinated biphenyls (PCBs), and strong acids; prepared site conceptual models; performed remedial investigation/feasibility studies (RI/FSs); managed the completion of human health risk assessments; and evaluated remedial action alternatives under the Comprehensive

CONTACT INFORMATION
Leo Rebele

LRebele@ramboll.com
+1 (949) 798 3604

Ramboll
18100 Von Karman Avenue
Suite 600
Irvine, 92612
United States of America

Environmental Response, Compensation, and Liability Act (CERCLA) and ensuring compliance with the National Contingency Plan (NCP). Regulatory negotiation/site closure experience with various jurisdictional offices of the Regional Water Quality Control Board (CRWQCB) and the California Department of Toxic Substances Control (DTSC), Orange County (California) Health Care Agency, the City and County Fire Departments of Los Angeles and the San Diego County of Environmental Health.

- Managed and provided oversight for projects involving natural resource management issues, including wetland evaluations and permitting, marine benthological studies, sediment and water quality monitoring, and underwater and eelgrass surveys. Experience has also included developing public outreach materials on behalf of private-sector clients, conducting resource mapping using Global Positioning System (GPS) software and geographic information system (GIS) technology.
- Served as program manager for several environmental impact assessments under National Environmental Policy Act (NEPA) and California Environmental Quality Act. Projects include environmental assessments (EAs) for proposed telecommunication sites on federal land, municipal well installations, private urban infill developments and mega-scale solar facilities located in Los Angeles County and San Bernardino County.

EDUCATION

1997
MS, Marine Resource Management (Minor, Aquatic Toxicology)
Oregon State University

1994
BS, Biological Oceanography (Honors)
University of British Columbia

PROJECTS

2016-2017
Environmental Oversight
Mr. Rebele served as the principal-in-charge for the environmental oversight of a sewer line replacement in an area where groundwater impacted by chlorinated volatile organic compounds (cVOCs) associated with a State Superfund site may be encountered by city workers. The scope of work involves navigating concerns of a contentious community group and ensuring the protection of City workers through the development and implementation of a field monitoring program during sewer line construction activities.

2017
Due Diligence and Environmental Compliance Review
Mr. Rebele lead a due diligence and environmental compliance team in support of an acquisition of a 700-acre terminal in the Port of Los Angeles. The work involved a comprehensive assessment of current practices involving the use, storage and disposal of hazardous materials, compliance with air and stormwater regulations, and a review of historical spills and cleanup activities. A Phase I Environmental Site Assessment was conducted as part of the review. A review of California Environmental Quality Act (CEQA) permitting issues was also performed to evaluate the potential for terminal expansion onto an unoccupied portion of the facility.

2017

Pilot Testing and Support of Guaranteed Fixed Price Remediation Program

Mr. Rebele is heading a comprehensive site investigation and pilot test to evaluate a proposed groundwater and soil remediation strategy in support of a guaranteed fixed-price remediation (GFPR) strategy. The property, which is being sold to an industrial developer, is impacted by moderated levels of trichloroethylene and perchloroethylene in groundwater, with impacts extending off-site. Concentrations of chlorinated VOCs in soil vapor beneath the manufacturing facility were found to be very high, requiring immediate mitigation. Mr. Rebele is leading the project team to develop a groundwater remedy under a possible GFPR contract option while designing soil vapor extraction and vapor mitigation system that can be implemented in the short term.

2016->>>

Implementation of Mitigation Monitoring, New Residential Development

Mr. Rebele served as principal-in-charge for a project involving implementing mitigation monitoring requirements for biological and cultural resources under California Environmental Quality Act (CEQA). Work included conducting ongoing monitoring for cultural and biological resources during disturbance of native soils during grading for a new residential development. Challenges included working with changing client schedules and interfacing with regulatory personnel to keep the project on-track on-schedule.

2016->>>

Redevelopment of former ITT Site into new Industrial Complex

Lead consultant for a high-profile industrial redevelopment project in Santa Ana, California. The project involves assisting the prospective developer with the pre-bid due diligence during the seller's auction, evaluating seller's proposed remedial strategy in the context of the proposed development, performing Phase I and II environmental assessments, regulatory agency negotiation, and the design of a vapor mitigation system. Complexities in the due diligence activities include the integration of a polychlorinated biphenyl (PCB) cap into the proposed development and integrating the proposed electrical resistance heating/steam injection remedial program with client's development plans.

2016-2017

Implementation of Soil Management Plan and Soil Stockpile Profiling for Residential Development Project

Mr. Rebele served as client services manager for a project involving the redevelopment of a former foundry and iron works facility. The soils beneath the property were identified though a combined Phase I/II Environmental Site Assessment to be impacted with Cal-Hazardous levels of lead. A combination of field screening using a portable X-Ray Fluorescence (XRF) meter and confirmation soil sampling with formal laboratory analysis in order to profile soils to be exported and to establish residual concentrations in soils. Cost effective management of soils was achieved through carefully interfacing with the client's grading contractor and project phasing.

2015->>>

Innovative In-Situ Remediation of Chlorinated Solvents

Account manager for Griffon Corporation to remediate a chlorinated VOC plume in groundwater which is commingled with chlorinated solvent plumes on adjacent properties. The remediation is confounded by access restrictions associated with a storm channel and two sewer lines. In addition two distinct groundwater mounds resulting from leaks in the sewer lines are affecting the groundwater flow and distribution of the contamination. Mr. Rebele is overseeing the forensic evaluation of sources of VOCs, general strategy, remedial approach and is leading regulatory negotiations.

2015-2017

In-situ Capping of Heavy Metal Impacted Soils

For this former tool manufacturing facility (Union Fork and Hoe Company) in upstate New York, Mr. Rebele served as project principal and client service manager. The site, which has been under the

oversight of the New York State Department of Environmental Conservation (NYSDEC) and Department of Environmental Health. Mr. Rebele helped Griffon negotiate a capping remedy of the heavy metals impacted soil. A significant component of the work has been negotiating with NYSDEC and DOH to eliminate a mature wooded area from the remediation area and to reduce the long-term groundwater monitoring obligations.

2005->>>

Ongoing Brownfield Advisory and Consulting Services

Serves in a strategic consulting role on behalf of the City for the remediation and brownfield planning of a 170-acre downtown core area targeted for redevelopment. Work to date has included federal and state brownfield grant procurement and execution, brownfield inventory, development of a GIS system, development of an area-wide brownfield remediation strategy, Phase I and II Environmental Site Assessments, development of multiple remedial action plans under the oversight of the Department of Toxic Substances Control, litigation support for cleanup cost recovery, and waste to energy (WTE) consulting.

2007->>>

Alameda Triangle Redevelopment

Provided oversight and consulting services for an 11.2 acre project comprised of 5 parcels with multiple ownerships and a history of manufacture use dating to World War II. The property uses identified including a former Witco chemical facility located on Caltrans property, a Magnetek transformer repair and refurbishment business, two auto-wrecking yards, a former railroad right-of-way, and a variety of other uses involving the manufacture and use of various chemical materials. The chemicals detected on-site during Gannett Fleming and other site investigations included organochlorine pesticides, PCBs, free product petroleum hydrocarbons in groundwater and soil, chlorinated VOCs in soil and soil vapor, heavy metals and polynuclear aromatic hydrocarbons. The City is in the process of marketing the site for development. Following a multi-media investigation involving substantial site access coordination, Gannett Fleming prepared a Site Investigation Report, Feasibility Study and a Remedial Action Plan (RAP) for the entire Site. The reports were submitted to Department of Toxic Substances Control (DTSC) for review. Gannett Fleming is working with city's environmental counsel to develop a cost recovery strategy.

2017

Economic Development Department

Mr. Rebele is working with the City of South Gate Economic Development Department and their economic development consultant, Rosenow Spivasek Group (RSG,) in addressing environmental impacts associated with a historical gasoline service station. Mr. Rebele and his team were retained to take over all aspects of the assessment and cleanup activities from a prior consultant due to a stalled remedial program.

2015-2016

Operational Transition/Environmental Compliance

Project Principal for an operational transition project involving all aspects of environmental compliance as Bombardier took over rail service and maintenance responsibilities for all rail facilities from the prior operators of the North County Transit District (NCTD) facilities at the Escondido and Oceanside yards. Work involved initial consultation, environmental compliance audits, permitting, preparation of spill prevention control and countermeasure (SPCC) plans, stormwater pollution prevention plans (SWPPS) and environmental compliance plans for ongoing rail operations and facility maintenance.

2014->>>

Remediation of Organochlorine Pesticide Impacted Soils in Support of Residential Development

Mr. Rebele serves as the principal-in-charge for a residential development project involving the remediation of organochlorine pesticides (OCPs) and closure of historical underground storage tanks

(USTs), irrigation wells and low-level volatile organic compounds (VOCs). In his role, Mr. Rebele is served in a strategic capacity to result in a fast-track review and approval of a remedial action plan by transferring the open case file from a local oversight agency to the Santa Ana Regional Water Quality Control Board.

2014->>>

Remediation of Groundwater at Logistically Constrained Shopping Center

Mr. Rebele has been serving as principal-in-charge for a complex gasoline remediation project involving very high concentrations of gasoline at a commercial shopping center where site access precludes implementation of many traditional remedies. Mr. Rebele serves as senior technical advisor to the client's environmental counsel and is working to reduce the environmental liabilities of the property owner. Mr. Rebele helped devise a two-part strategy aimed at protecting the current tenants against indoor air intrusion through the development of vapor mitigation systems while conducting an aggressive groundwater remedial program consisting of trenching/product removal followed by in-situ chemical oxidation of groundwater.

2014->>>

Environmental Remediation Consulting in Support of Residential Development

Mr. Rebele served in a strategic consulting role for New Urban West, Inc. (NUWI) to support the redevelopment of infill properties throughout southern California. Projects have included former nursery/greenhouse areas, manufacturing operations and properties and areas impacted by fill materials. Currently executing several cleanup programs under a California Land Reuse and Revitalization Act (CLRRA) agreement with the Department of Toxic Substances Control.

2014-2017

Redevelopment Consulting and Remediation

Mr. Rebele serves as the project principal for a residential redevelopment project at a former Teledyne research and development facility and historical agricultural operation. Work has involved several phases of soil, soil vapor and groundwater investigation that included multiple degreaser locations, additional potential source areas of metals and petroleum hydrocarbons and organochlorine pesticides associated with the historical agricultural use. A soil vapor extraction (SVE) was implemented to reduce elevated concentrations of PCE to acceptable levels in order to prepare the Site for residential occupancy. The site is currently undergoing redevelopment.

PUBLICATIONS & PRESENTATIONS

2017

Contaminated Soil Cleanup Methods & Remediation Techniques.

Lorman National Live Webinar.

Rebele, Leo and Tom Bois, Esq.

2017

On the Application of Contaminant Source Identification, Environmental Forensics and Geomorphological Assessment in the Context of Large-Scale Restoration of Sediments in Riverine and Estuarine Depositional Environments.

Rebele, Leo.

2013

Innovative Insurance and Cleanup Strategies: Life Beyond Cost Cap.

Brownfields 2013.

Rebele, Leo and Preston W. Brooks, Esq.

2013
The Renaissance of Lynwood – Community Partnership, Brownfield Revitalization and Transit-Oriented Development.
13th Annual Urban Marketplace. Make a Deal, Make a Difference.
Rebele, Leo and Sarah Withers.

2013
The Use of Compound Specific Isotope Analysis (CSIA) for Discerning Sources of Trichlroethylene (TCE) and Perchloroethylene (PCE) within a Commingled Groundwater Plume in California, USA.
International Network For Environmental Forensics.
Rebele, Leo and Dr. Alan Jeffrey.

2013
Comparison of Two Vacuum Enhanced LNAPL Recovery Systems under the EAR Account Program.
Association for Environmental Health and Sciences Foundation.
Lenker, Carl W., Leo M. Rebele, Arul Ayyaswami.

2012
TOD, Infill and Brownfield Development without Redevelopment Agencies – What Tools are Available Now?
ULI Marketplace.
Rebele, Leo M. (roundtable moderator).

2011
A Forensic Approach to Evaluating Sources and Relative Ages of Free Product and Chlorinated Solvents at a Commingled Plume Site in Support of Cleanup Cost Recovery Litigation.
International Network of Environmental Forensics.
Rebele, Leo M. and Dr. Alan Jeffrey.

2010
Expediting Brownfield Redevelopment by Combining Innovative In-Site Remedial Technologies with GFPR Solutions.
International Network of Environmental Forensics.
Lenker, Carl W., Arul Ayyaswami and Leo M. Rebele.

2009
The Newest Tool In The Brownfields Tool Box.
Brownfields 2009.
Rebele, Leo M. (moderator), Kevin Daehnke, Charlie Bartsch, Tom Cota, Bruce Rasher.

2009
The Road Less Traveled: Transit-Oriented Development From Conception To Implementation During Economic Hard Times.
Brownfields 2009.
Myrna Valdez (moderator), Leo Rebele, Rosanne Albright, Rick Simonetta.

2009
Utilizing 3-Dimensional Modeling and Environmental Visualization Software (EVS) in Support of Forensic Investigations.
INEF.
Rebele, Leo M.

2009
A Meso-Scale Application of a Mixture of Nitrate/Phosphate and Oxygen Release Compound (ORC) to Remediate a Crude Oil Spill.
IPEC.
Rebele, Leo M., Arul Ayyaswami and Ian Ziraldo.

2009
Innovative Approaches to Negotiating A Guaranteed Fixed-Price Remediation (GFPR).
Contract.
Rebele, Leo M. and Arul Ayyaswami.

2008
Electrical Resistance Heating – Selection and Implementation at Brownfield Sites.
Presented at the Paths to Site Closure Workshop.
Rebele, Leo M.

2008
The Power of Combining Rapid Screening Technologies with Environmental Data Visualization Software.
Battelle Conference on the Remediation of Chlorinated and Recalcitrant Compounds.
Rebele, Leo M.

2003
Positive Marine Impacts Resulting From the Construction of Four Artificial Oil Exploration and Production Islands Within the Greater Long Beach/Los Angeles Harbor.
Oceans 2003 Conference.
Rebele, Leo M., Jon Houghton, Dennis Lees, Linda Arsenault, and John Kirby.

1997
An Evaluation of Citizen Volunteer Monitoring Initiatives in the National Estuary Program.
Thesis submitted in partial fulfillment of the requirements for an M.S. degree, College of Oceanic and Atmospheric Sciences, Oregon State University.
Rebele, Leo M.

1994
Observations on the Macrobenthos of a Tidal Flat Previously Affected by Sewage Pollution at Sturgeon Bank, British Columbia.
Submitted in partial fulfillment of the requirements for a B.Sc. degree at the University of British Columbia.
Rebele, Leo M., and Colin D. Levings.

REGISTRATIONS/CERTIFICATIONS

AHERA Certified Building Inspector; 1998

TRAINING/MEMBERSHIPS

40-Hour OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training at Clayton Environmental; 1998
Wetland Delineator; USACE; 1999
Environmental Forensics Short Course; Penn State University; 2013
Leadership in Urban Infill and Sustainable Communities; Urban Land Institute; 2012
Senior Project Manager Training; Gannett Fleming; 2012
Project Principal Training; PSMJ Resources; 2013
Business Development Training, Tetra Tech, 2015
8-Hour OSHA HAZWOPER Refresher Training; 2017

REBEKAH J WALE

Senior Managing Consultant

Rebekah Wale has more than 30 years of experience conducting and managing Phase I environmental site assessments, due diligence projects, and Phase II subsurface investigations. She is a senior practitioner in Ramboll's Merger & Acquisition Due Diligence practice. Her work has included conducting and/or managing hundreds of property transfer Phase I and Phase II investigations, property redevelopment, site and facility closure activities, California Class I and Class III landfill investigations, compliance groundwater monitoring, state and federal Superfund site assessments, underground storage tank assessments, and litigation support.

CAREER

1990-Present
Senior Managing Consultant, Ramboll
Environmental due diligence, Phase II subsurface investigations; prepare various reports, work plans, and results reports; manage clients and staff; coordinate with regulatory personnel.

1985-1990
Field Geologist, Hart Environmental Management Corporation
Perform Phase II subsurface investigations; prepare various reports, work plans, and results reports; oversee subcontractors; manage clients and staff; coordinate with regulatory personnel.

PROJECTS

2005-2017
Due Diligence Manager
Managed hundreds of single and multiple property Phase I environmental site assessments at various locations throughout the United States and in other countries (e.g., Canada, Mexico, Europe, Asia, Africa).

2002-2004
Property Redevelopment Manager
Managed several property redevelopment projects of former aerospace facilities in Burbank, California. Responsible for preparing and implementing dust control plans, sampling plans, and health and safety plans during construction activities, and supervised construction personnel to ensure compliance with plans. Prepared weekly reports for submittal to the local oversight agency.

CONTACT INFORMATION

Rebekah J Wale, PG

rwale@ramboll.com
+1 (949) 798-3693

Ramboll
5 Park Plaza
Suite 500
Irvine, CA 92614
United States of America

EDUCATION

MA, Environmental Science
Montclair State College
Montclair, New Jersey, 1985

BS, Geology
Eastern Michigan University
Ypsilanti, Michigan, 1981

COURSES/CERTIFICATIONS

Professional Geologist - California

2000
Litigation Support
Manager
Managed day to day activities in a large litigation support case involving an industrial facility. Assisted with preparation of expert opinions, including a cost allocation model.

1999-2015
Site Investigation
Manager
Managed numerous Phase II subsurface investigations related to property transfer projects; including soil gas surveys, soil sampling, grab groundwater sampling, and indoor air sampling.

Managed a large multi-phase remedial investigation at a testing facility in southern California. Responsible for coordinating and directing field staff, preparing technical memorandums and data transmittals, preparing large remedial investigation reports, and communicating and responding to regulatory agency personnel.

Designed and managed soil gas, soil, and ground water investigation programs at a plating facility near Los Angeles, California.

Managed several tasks associated with the sale of a hotel in Los Angeles, California, including underground storage tank removals and investigation of a dry cleaning plant in the hotel.

1997-1998
Site Investigation
Manager
Managed several tasks associated with investigation and closure of an industrial facility in Los Angeles County, California, including sump removal and a soil boring and sampling program. Prepared sampling plans and results reports.

Designed and managed soil gas, soil, and ground water investigation programs at a shopping center property in Ventura County, California. Prepared sampling plans and results reports, participated in regulatory interaction.

Designed and manage a site investigation of a former dry cleaning facility in Orange County, California, that included soil gas, soil, and ground water sampling programs, and installation of a Soil Vapor Extraction (SVE) remediation system.

1994-1996
Site Investigation
Field Geologist
Managed a Phase II site investigation of an industrial facility in Commerce, California. Prepared a sampling plan, supervised soil boring and sampling activities, reported findings, and participated in regulatory interaction.

Supervised the drilling of soil borings and collected soil samples at a metals recycling facility in Los Angeles, California. Prepared a report on remedial options for soils.

Supervised the installation of five deep aquifer monitoring wells drilled as part of a regional ground water contamination study in northern California.

1993-1995
Geologic Evaluation
Researched and evaluated three properties in the Imperial Valley with regard to geologic, seismic, and flood hazards. The properties were being considered as potential industrial facility sites.

Researched and evaluated the landslide potential of a property for a private client in Los Angeles, California.

1990-2004
Routine Groundwater Monitoring
Manager
Conducted an evaluation of ground water sampling practices and prepared an environmental technician training seminar for a Class III landfill in Orange County, California.

Managed a large regional quarterly ground water monitoring compliance program in a municipality in Los Angeles County, California. Responsible for oversight of field staff and regulatory compliance. Prepared quarterly monitoring reports.

Managed a large quarterly ground water monitoring compliance program at a Class I landfill in California. Responsible for oversight of field staff and regulatory compliance. Prepared quarterly monitoring reports.

1988-1994
Site Investigation
Field Geologist
Prepared cross sections and isopach maps for several sites as part of a regional ground water study in northern California.

Participated in step-testing and a long-term pumping test of a shallow well at a chemical manufacturing facility.

Managed two multiphased ECRA projects at large industrial facilities in northern New Jersey for a Fortune 100 company. Directed implementation of multiple sampling plans involving soil borings; well installation; ground water, soil, sediment and air sampling; geophysical logging; and aquifer (packer) testing.

1988-1991
Site Investigation
Prepared a site-wide Sampling and Analysis Plan for a Class III landfill in southern California.
Provided technical field oversight services to a group of PRPs at a landfill under investigation in New Jersey.

Provided closure activities at a stamping facility in Alabama, including installing overburden and cored bedrock wells, and conducting ground water and potable well sampling and a soil investigation (soil gas survey and soil sampling).

Assisted with rock coring and the installation of bedrock wells at an incinerator fabrication facility in Pennsylvania. Also participated in slug testing the wells.

Directed an expansion investigation in New Jersey for a warehouse facility that was formerly part of a municipal landfill. Oversaw soil borings and soil sampling, monitoring well installation, and ground water sampling. Prepared sampling results reports, including recommended remedial options and strategic planning.

1986-1988

Site Investigation

Managed three multifaceted site investigations for a gas station chain/fuel transfer facility company in New Jersey. Prepared sampling plans, supervised tank and soil removal and well installation and sampling efforts, completed permit applications for both sites, prepared reports of findings, and provided remedial recommendations.

Managed a planned subdivision site in New Jersey located adjacent to a gasoline spill area. Prepared sampling plans and results reports, supervised a soil gas survey and soil sampling activities, and participated in local government meetings to obtain approvals for building at the site.

Managed a major ECRA investigation of a dye and pigment manufacturing facility in New Jersey. Prepared sampling plans; drilled and sampled soil borings; conducted ground water sampling, pump-in (pressure) testing, discrete interval sampling (packer testing); and oversaw test pit construction and downhole geophysical logging.

1985-1986

Site Investigation

Field Geologist

Managed a multiphased ECRA investigation at an electric motor repair plant in New Jersey. Installed overburden and bedrock wells, collected soil and ground water samples, and oversaw soil excavation activities. Negotiated for off-site access. Planned and implemented aquifer testing through a series of short duration step tests, followed by a 72-hour pumping test.

Conducted potable well and surface water sampling at four Superfund asbestos disposal sites in New Jersey. Prepared sampling results report.

Assisted with rock coring and the installation of bedrock wells at an incinerator fabrication facility in Pennsylvania. Also participated in slug testing the wells.

Assisted in the remedial investigation of a metals-contaminated soils problem in Colorado, including grid layout, soil sample collection, test pit construction, and soil mapping.