

Appendix H

Phase II ESA



assess
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strengthen

CITADEL ENVIRONMENTAL SERVICES, INC.

March 9, 2018

Olivier Theard
Partner
SHEPPARD, MULLIN, RICHTER, & HAMPTON, LLP
333 South Hope Street, Forty-Third Floor
Los Angeles, California 90071

Re: CITADEL Project No. 1234.1001.0
Limited Phase II Subsurface Investigation Report
333 South San Vicente Boulevard
Los Angeles, California 90048

Dear Mr. Theard:

Citadel Environmental Services, Inc. is pleased to provide you with this Limited Phase II Subsurface Investigation Report for the above-referenced location.

The Limited Phase II Subsurface Investigation was conducted in accordance with Proposal 1234.1001.P, dated February 2, 2018, and a mutually agreed upon scope of work.

If, after your review, you have any questions or require additional information, please do not hesitate to telephone me at (818) 246-2707.

Sincerely,
CITADEL ENVIRONMENTAL SERVICES, INC.

Mark Drollinger

Digitally signed by Mark Drollinger
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Services, ou,
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Date: 2018.03.09 17:46:41 -08'00'

Mark Drollinger, M. Eng., CSP, CHMM, EIT
Principal, Engineering and Environmental Sciences

Enclosure



assess
resolve
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CITADEL ENVIRONMENTAL SERVICES, INC.

Sheppard, Mullin, Richter, & Hampton, LLP
333 South Hope Street, Forty-Third Floor
Los Angeles, California 90071

Limited Phase II Subsurface Investigation

March 9, 2018

Citadel Project Number 1234.1001.0

333 South San Vicente Boulevard
Los Angeles, California 90048

www.citadelenvironmental.com

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1.0 INTRODUCTION

Citadel Environmental Services, Inc., (Citadel) was contracted by Sheppard, Mullin, Richter, & Hampton, LLP (Client) to evaluate the current subsurface conditions beneath the property located at 333 South San Vicente Boulevard in the City of Los Angeles, Los Angeles County, California (Site). The Site consists of five structures comprising the Our Lady of Mt. Lebanon – St. Peter Maronite Catholic Cathedral (Church), an associated parking area and limited landscaping. A Site Location Map and Site Map are included as Figures 1 and 2, respectively.

Citadel understands that portions of the Church are to be redeveloped. Citadel further understands that part of this redevelopment will include a low-rise short-term residential structure for use by the Church.

Citadel, in their Phase I Environmental Site Assessment, identified the Former Merry Go Round Cleaners, located approximately 257 feet northwest of the Site at 8550 West Third Street, as belonging to the Cleanup Program of the Regional Water Quality Control Board (RWQCB), formerly known as Spills, Leaks, Investigation and Cleanup (SLIC) sites. According to information provided by RWQCB's Geotracker on-line database, this location has been occupied with dry cleaning businesses since at least 1967 (Citadel, 2017).

Merry Go Round Cleaners

Citadel reviewed various environmental reports that were available from the Geotracker database related to the investigations and long-term remediation of solvent-impacted soil and groundwater from this drycleaner. Site assessment activities at this facility commenced in 1996 with a soil vapor survey. At that time, Tetrachloroethylene (PCE) was detected in 20 of 24 soil vapor samples at a maximum concentration of 1,471 micrograms per liter ($\mu\text{g/L}$). Trichloroethylene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were also detected in this and additional assessments. PCE is the predominant contaminant of concern (COC) with its daughter products TCE and cis-1,2-DCE often reported at lower concentrations.

A supplemental assessment in 1996 included the installation of 10 soil borings at and near the dry-cleaning facility. The borings were advanced to depths ranging from 18 to 30 feet below ground surface (bgs) with 27 soil samples and two groundwater samples collected. PCE was reported to be present in the groundwater samples with a maximum concentration of 50,000 $\mu\text{g/L}$, and 24 of the 27 soil samples were reported to contain PCE with a maximum concentration of 270 milligrams per kilogram (mg/kg).

Subsurface assessment activities were conducted in 1999 with eight borings advanced to depths between 27 and 30 feet bgs for the collection of soil and groundwater samples. Additionally, five groundwater monitoring wells were installed and vapor probes were installed in the annular space of each well. An upper groundwater zone was identified between 19 and 25 feet bgs and a lower groundwater zone was identified between 35 and 37 feet bgs. PCE was detected in soil samples from borings nearest the dry cleaner with a maximum concentration of 353 mg/kg. The maximum PCE concentrations detected were 12,700 $\mu\text{g/L}$ in the upper aquifer and 204 $\mu\text{g/L}$ in the lower aquifer.

Four additional dual nested groundwater monitoring wells were installed east and north of the site in 2001. A dual phase extraction event (DPE) was also conducted to test the viability of DPE as a remedial alternative.

Additional wells were installed as dedicated DPE wells along with soil vapor extraction (SVE) wells in 2004 and 2005. A DPE system was installed at the drycleaner to extract combined vapors and groundwater from three SVE wells and four DPE wells.

In 2006 additional groundwater wells were installed south and southeast of the drycleaner property to serve as downgradient monitoring points. Two of these downgradient wells were installed adjacent to the Site. A downgradient monitoring well, MW-13, is located approximately 40 feet west of the Site, and another monitoring well MW-14 is located approximately 18 feet east of the Site on San Vicente Boulevard (Figure 3). Each well was installed as a dual nested well to monitor both the upper and lower aquifers. PCE was detected in MW-13 at concentrations of 0.37 µg/L and 10.7 µg/L in the upper and lower zones, respectively, and in MW-14 at concentrations of 2.0 µg/L and 2.2 µg/L in the upper and lower zones, respectively (Reynolds Group, 2012).

The DPE remediation system was removed and replaced with a separate SVE system and groundwater pump and treat (P&T) system in 2007. The system operated in this configuration until 2014 when permission was received to discontinue operations of the SVE portion of the remediation system. P&T operations have continued to the present.

Groundwater History for Wells MW-13 and MW-14

Groundwater well MW-13 has been monitored since 2006 and was last monitored in December 2017 with reported concentrations of PCE, TCE and cis-1,2-DCE of non-detect (less than 0.5 µg/L) in the upper zone. PCE, TCE, and cis-1,2-DCE were detected in the lower zone at concentrations of 19.9 µg/L, 8.53 µg/L, and 1.06 µg/L, respectively. The maximum contaminant levels (MCL's) for these constituents are 5.0 µg/L, 5.0 µg/L, and 6.0 µg/L, respectively.

Historically, maximum concentrations of PCE, TCE, and cis-1,2-DCE in groundwater at MW-13 have been 13.5 µg/L, 2.25 µg/L, and 1.36 µg/L, respectively, in the upper zone and 25.9 µg/L, 10.6 µg/L, and 1.77 µg/L, respectively in the lower zone.

Groundwater well MW-14 was monitored from 2006 until December 2014. The Regional Water Quality Control Board gave permission to discontinue the monitoring of well MW-14 in 2015. It was last monitored in December 2014, with groundwater concentrations for PCE, TCE, and cis-1,2-DCE in the upper zone of 7.58 µg/L, 1.18 µg/L, and non-detect, respectively. Concentrations of PCE, TCE, and cis-1,2-DCE were non-detect in the lower zone (EnviroMonitoring Services, 2015 and 2018).

Historically, maximum concentrations of PCE, TCE, and cis-1,2-DCE have been 46.7 µg/L, 12.5 µg/L, and 36.2 µg/L, respectively in the upper zone, and 40.9 µg/L, 14.6 µg/L, and 37.3 µg/L, respectively, in the lower zone.

The purpose of this Limited Phase II Subsurface Investigation was to assess the potential subsurface impacts to soil vapor and groundwater at the Site due to the release of dry cleaning solvents from the Merry Go Round Cleaners located northwest of the Site.

2.0 GEOLOGY/HYDROGEOLOGY

The Site is identified on the geologic map of the Beverly Hills and Van Nuys (south half) quadrangles, California (Dibblee, 1991) and is described as being above Holocene aged surficial sediments (Qa). The sediments are described as alluvial gravel, sand, and silt-clay, derived mostly from Santa Monica Mountains and includes gravel and sand of stream channels. The Site also appears to be within the San Vicente Oil Field.

The Site is located within the Hollywood Basin on the Hollywood Piedmont Slope. The Hollywood Basin is located south of the Santa Monica Mountains and east of the Newport-Inglewood uplift. Deep aquifers beneath the Site include the Exposition and Gage Aquifers of the Lakewood Formation and the Jefferson, Lynwood, Silverado and Sunnyside aquifers of the San Pedro Formation (CDWR, 1961).

Groundwater monitoring wells MW-13 and MW-14 are adjacent to the Site in Holt Street on the west and San Vicente Boulevard on the east, respectively. Groundwater was encountered at approximately 17 feet bgs in both wells during installation. The boring log for MW-13 indicates clay and sandy clay from the surface to 17 feet bgs, gravelly and clayey sand from 17 feet to 26 feet bgs, clay from 26 feet to 30 feet bgs and gravel from 30 feet to 39 feet bgs. The boring log for MW-14 indicated road base and fill from surface to three feet bgs, sand from 3 feet to 12 feet bgs, clay from 12 feet to 18 feet bgs, gravelly sand from 18 feet to 25 feet bgs, clay from 25 feet to 30 feet bgs, and sand and gravel from 30 feet to 44 feet bgs. The upper groundwater zone corresponds to the gravelly sand encountered between approximately 17 feet and 25 feet bgs in both wells and the lower aquifer corresponds to the sands and gravels encountered between 30 feet and 40 feet bgs in both wells. An aquitard between approximately 25 and 30 feet bgs in both wells separates the two groundwater zones (Reynolds Group, 2012).

Current groundwater information for the Former Merry Go Round Dry Cleaners indicated groundwater elevation for the upper aquifer between 12.98 and 19.77 feet bgs in December 2017 (EnviroMonitoring Services, 2018). Due to an artificial groundwater gradient generated by the groundwater P&T system currently operating at the dry cleaner site and dewatering activities at the Cedar-Sinai Medical Center located north of the dry cleaners, the upper aquifer gradient is highly variable. The historic upper aquifer gradient appears to be to the south and southeast but is influenced by the dewatering activities at the dry cleaner and the hospital sites. According to the recent data, the Site appears to be at the edge of the influence of the dewatering activities of the two sites to the north and the local gradient may be trending to the north, towards these sites.

Groundwater during this investigation was limited to the upper aquifer and was encountered at approximately 17 feet bgs.

3.0 HEALTH AND SAFETY PLAN

A site-specific health and safety plan (HASP) was prepared prior to on-site activities. This HASP identified existing and potential hazards for workers at the Site during drilling and sample collection activities. A copy of the HASP is included in Appendix A.

4.0 ON-SITE SUBSURFACE SAMPLING

Citadel contacted Underground Service Alert (USA) prior to conducting the planned subsurface activities, to identify underground utilities. Citadel also obtained a permit from the Los Angeles County Department of Environmental Health - Drinking Water Program, to drill three soil borings to groundwater at the Site and collect samples. A copy of the groundwater sampling permit is included in Appendix B and Citadel's field notes are included as Appendix C.

Groundwater Sampling

On February 15, 2018, under the direction of Citadel, Kehoe Testing & Engineering (Kehoe) advanced three borings identified as GW1 through GW3 with a direct-push drill rig. A Site Map showing the approximate boring locations is included as Figure 3. The boring locations were

placed along the west, south and north boundaries of the Site's parking lot. Each soil boring was advanced to approximately 20 feet bgs.

Groundwater was encountered at approximately 17 feet bgs in each boring. A grab sample was collected using a disposable bailer lowered into each boring. The groundwater sample was transferred from the bailer to three 40 milliliter (mL) vials preserved with hydrochloric acid. The samples were labeled for identification and placed into a cooler with ice before transporting to American Scientific Laboratories, LLC (ASL) in Glendale, California under proper Chain-of-Custody (COC) protocols for analysis of volatile organic compounds (VOCs) by EPA Method 8260B.

Soil Vapor Sampling

Following the collection of groundwater samples, double-nested soil vapor probes were installed in each boring. Prior to setting the soil vapor probes, the borings were backfilled with bentonite up to 14 feet bgs. Soil vapor probes were installed in each boring at depths of approximately eight and 14 feet bgs, in accordance with the California Environmental Protection Agency's (Cal EPA) Department of Toxic Substance Control (DTSC) – Active Soil Gas (DTSC, July 2015). Soil vapor probe tips were placed midway within a sand pack at the proposed sampling depths followed by approximately six inches of dry bentonite, followed by hydrated bentonite to the surface.

Gas-tight fittings were placed at the end of the probes at the surface. The soil vapor probe assemblies were allowed to equilibrate for a minimum of two hours prior to sampling. After purging, samples were collected from each probe into one-Liter Tedlar Bags. The soil vapor samples were identified as SV1 through SV3 with the sample collection depths, for example SV1 at eight or 14 feet bgs (SV1-8/SV1-14). The samples were labeled for identification and placed into a cooler with ice before transporting to ASL under proper COC protocols for analysis of VOCs using EPA Method 8260B.

Upon completion of testing, the installed probes were properly decommissioned and the surface was patched to match the existing surface.

5.0 SAMPLING RESULTS

Groundwater Sample Results

As shown in Table 1 and Figure 4, PCE and TCE were detected in each groundwater sample. Concentrations of PCE ranged from 7.27 µg/L (GW1) to 50.6 µg/L (GW2) and concentrations of TCE ranged from 1.68 µg/L (GW1) to 32.2 µg/L (GW2). All PCE and TCE detections were above the regulatory MCLs. Cis-1,2-CDE was detected in samples GW2 and GW3 at concentrations of 7.2 µg/L and 8.96 µg/L, respectively, which are also above its respective MCL. Other minor solvent constituents were also present, but were reported to be well below regulatory thresholds.

Soil Vapor Sample Results

As shown in Table 2 and Figure 5, PCE was detected in samples SV1-8, SV1-14, SV2-8, and SV3-8 at concentrations ranging between 112 and 651 micrograms per cubic meter (µg/m³). All PCE detections were below the San Francisco Bay Regional Water Quality Control Board's (SFB-RWQCB) commercial/industrial scenario Environmental Screening Level (ESL) for sub-slab vapor of 2,100 µg/m³. The residential ESL for sub-slab vapor of 240 µg/m³ was exceeded in sample SV3-8 with a concentration of 651 µg/m³. TCE was detected in soil vapor samples SV2-8 and SV2-14 at concentrations 248 and 100 µg/m³, respectively. TCE was detected above its ESL for residential use of 240 µg/m³ in soil vapor probe SV2-8. No other VOCs were detected. The laboratory report is included in Appendix C.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The current investigation was intended to assess the impacts to soil vapor and groundwater at the Site by the Merry Go Round Dry Cleaners located northwest of the Site. PCE, TCE, and cis-1,2-DCE are known to be present in groundwater monitoring wells that are adjacent to the east and west sides of the Site and was assumed to also be present in groundwater beneath the Site. Due to the potential for low level VOCs to be present at the Site, and that the Site is to undergo significant redevelopment, Citadel advanced three soil borings to approximately 20 feet bgs to collect representative groundwater and soil gas samples above the water table from each boring.

PCE, TCE, cis-1,2-DCE, were detected in one or more groundwater samples. All PCE detections were above the MCL. TCE was detected above its MCL in groundwater samples collected from GW2 and GW3. Cis-1,2-DCE exceeded its MCL in samples GW2 and GW3. Other VOCs were reported well below their regulatory thresholds and have not been included in this discussion, but are included in the table of results and lab report.

PCE and TCE were detected in one or more soil vapor samples at concentrations ranging between 112 $\mu\text{g}/\text{m}^3$ and 651 $\mu\text{g}/\text{m}^3$. cis-1,2-DCE was not detected in any vapor samples above laboratory detection limits. PCE and TCE were not detected above their respective ESLs for commercial/industrial use. However, PCE was detected above its respective ESL for residential use in soil vapor probe SV3-8 and TCE was detected above its respective ESL for residential use in soil vapor probe SV2-8. No other VOCs were detected in the soil vapor samples.

Based on the results of VOCs in groundwater and soil vapor at the boring locations observed, and that MW-14 is located east of the borings, Citadel believes that groundwater and soil vapor may be impacted by VOCs across the entire Site. The monitoring wells east and west of the Site have been reported to contain VOCs at levels similar to those encountered at the Site during this investigation. Soil vapor sample results in the immediate vicinity of the Site are only available from this investigation and were limited to the parking lot for the Site. However, the detections of PCE and TCE in groundwater are likely the source of these chemicals in soil vapor, therefore it is likely that these chemicals may also be present in groundwater, and thus, soil vapor across the Site.

Citadel recommends meeting with representatives from the dry cleaner to discuss the construction plans for the Site and the potential impacts due to the groundwater and soil vapor impacts to the Site. In addition, Citadel suggests obtaining permission from the dry cleaner or the RWQCB to purge and sample the groundwater from monitoring well MW-14 to obtain current groundwater concentrations as it has been more than three years since the last sampling event.

Citadel recommends the preparation of a Soil Management Plan (SMP) to establish policy and requirements for the management and disposal of soil and groundwater that may be generated during excavation activities at the Site. The purpose of the SMP is to describe specific soil and groundwater handling controls required for complying with local, state and federal overseeing agencies; prevent unacceptable exposure to contaminated soil and groundwater, and prevent the improper disposal of contaminated soil and groundwater. This SMP applies to soil-disturbing activities performed at the Site. Soil-disturbing activities include excavation, grading, trenching, utility installation or repair, and any other human activities that could potentially bring contaminated soil or groundwater to the surface. The plan applies to such work regardless of the entity performing the work. The SMP would also address the potential need for groundwater treatment if dewatering would be required during construction activities.

7.0 REFERENCES CITED

- California Department of Water Resources, 1961. Planned Utilization of the Ground Water Basins of the Coastal Plan of Los Angeles County, Bulletin No. 104, Appendix A, Ground Water Geology. June.
- Dibblee, T. W., 1991. Geologic Map of the Beverly Hills and Van Nuys (south ½) quadrangles, Los Angeles County, California.
- Citadel Environmental Services, Inc., Phase I Environmental Site Assessment, Our Lady of Mt. Lebanon – St. Peter Maronite Catholic Cathedral – Los Angeles Real Estate Trust, 333 San Vicente Boulevard, Los Angeles, California 90048, June 28, 2017.
- DTSC, 2015, Advisory Active Soil Gas investigations, California Environmental Protection Agency, Department of Toxic Substances Control, Los Angeles Regional Water Quality Control Board, San Francisco Regional Water Quality Control Board. July, 2015.
- EnviroMonitoring Services, Inc., 2015. Groundwater Monitoring Report, Fourth Quarter 2014, Perfect Cleaners Facility, Former Merry Go Round Dry Cleaners, 8550 West Third Street, Los Angeles California, RWQCB Site ID No. 18468, January 8, 2015.
- EnviroMonitoring Services, Inc., 2018. Groundwater Monitoring Report, Second Semester 2017, Perfect Cleaners Facility, Former Merry Go Round Dry Cleaners, 8550 West Third Street, Los Angeles California, RWQCB Site ID No. 18468, January 16, 2018.
- The Reynolds Group, 2012. Site Conceptual Model, Former Merry Go Round Dry Cleaners, 8550 W. Third Street, Los Angeles, California. April 13, 2012.

8.0 LIMITATIONS

This Limited Phase II Subsurface Investigation was performed in accordance with generally and currently accepted engineering practices and principles. Although the data in this report is indicative of subsurface conditions in areas investigated, no further conclusions regarding the absence or presence of subsurface contamination at the site should be construed or inferred other than those expressly stated in this report. The conclusions made are based on information obtained from field observations, and from relevant Federal, State, regional, and local agencies.

9.0 SIGNATURES

Report Prepared by:

Cindy E. Hernandez

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Cindy Hernandez
Staff Geologist, Engineering and Environmental Sciences

Reviewed by

**T. Michael
Pendergrass**

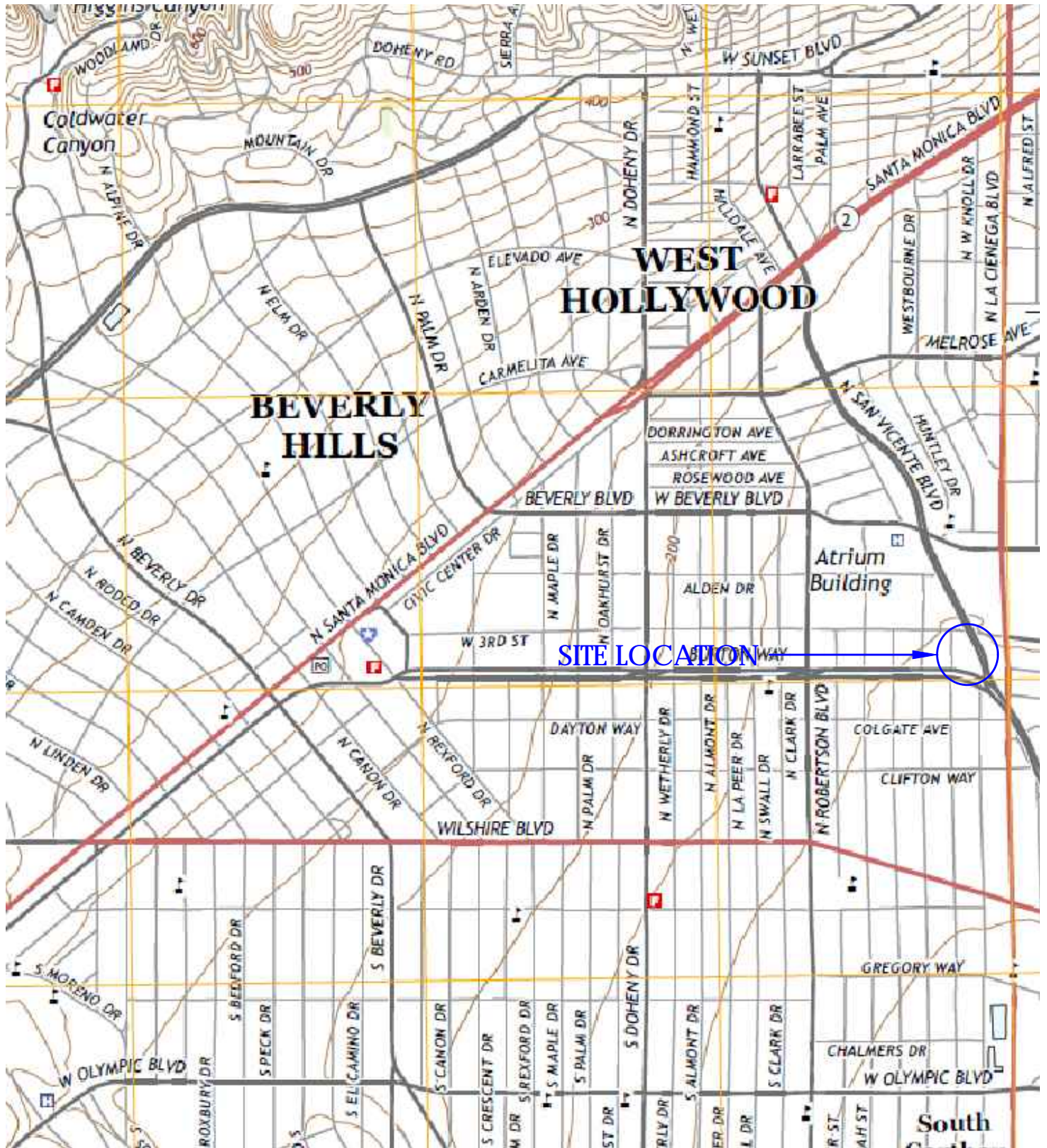
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Date: 2018.03.09 17:47:09 -08'00'

T. Michael Pendergrass, P.G. #5685
Senior Project Geologist, Engineering and Environmental Sciences




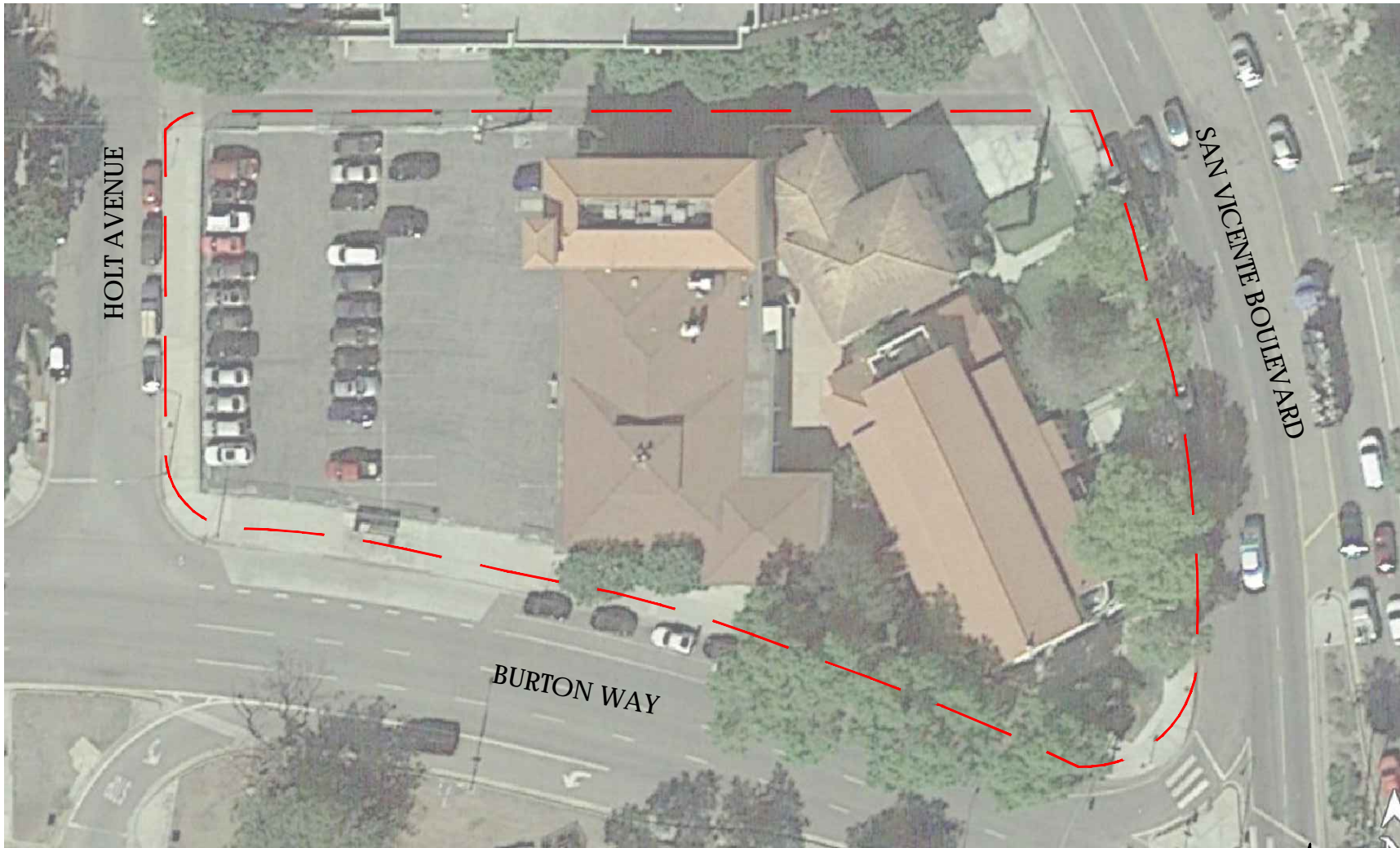
CITADEL
ENVIRONMENTAL SERVICES, INC.

Figures



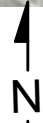
SOURCE: USGS, PASADENA, CALIFORNIA 7.5-MINUTE TOPOGRAPHIC MAP, 2015

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| | SHEPPARD, MULLIN, RICHTER, & HAMPTON, LLP 333 SOUTH HOPE STREET, FORTY-THIRD FLOOR LOS ANGELES, CALIFORNIA 90071 | SITE LOCATION MAP | NOT TO SCALE |
| CITADEL PROJECT NO.: 1234.1001.0 | DESIGN BY: C.HERNANDEZ | PROJECT SITE | FIGURE NO. |
| DATE: FEBRUARY 2018 | APPROVED BY: M.PENDERGRASS | 333 SOUTH SAN VICENTE BOULEVARD LOS ANGELES, CALIFORNIA 90048 | 1 |




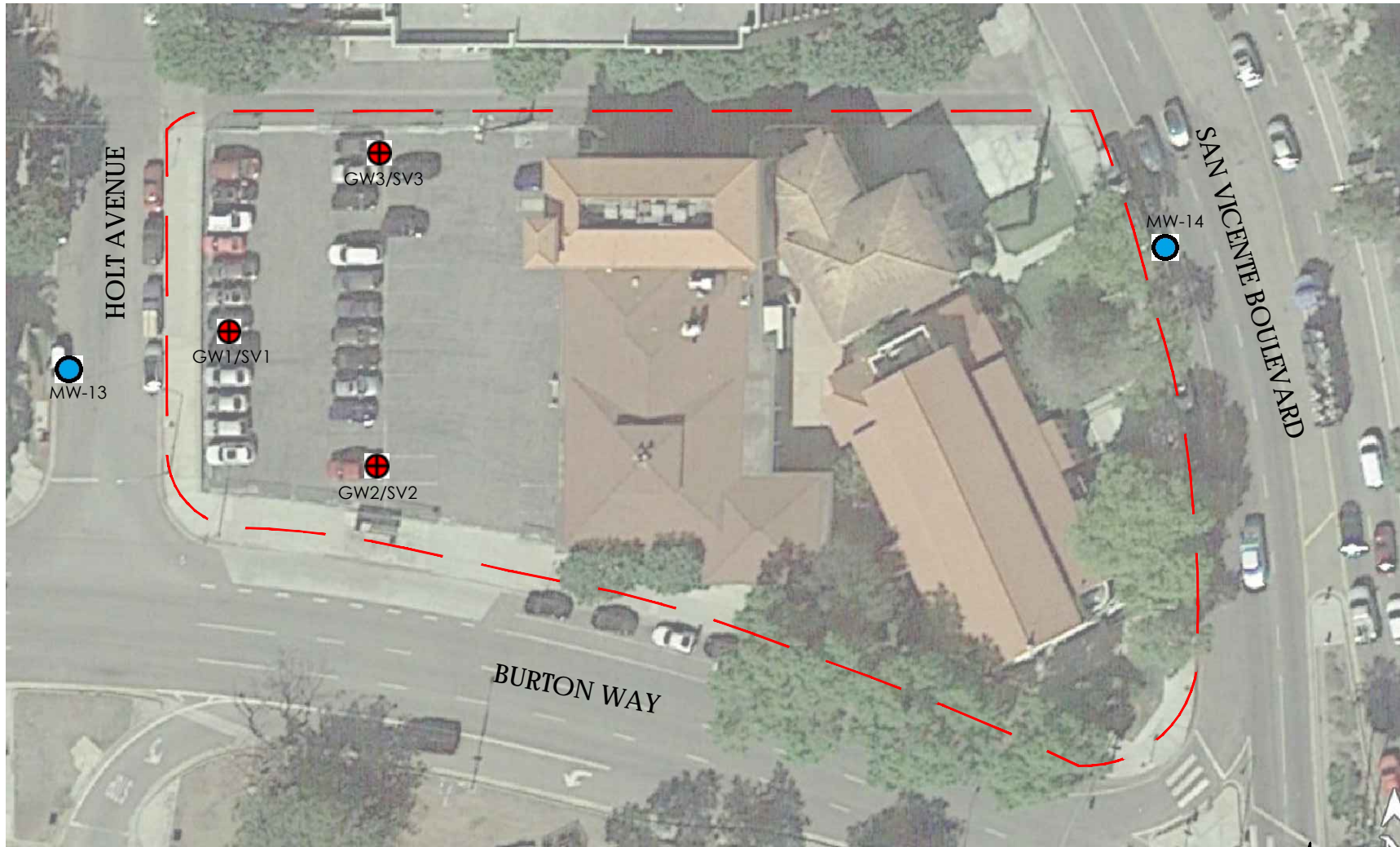
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— APPROXIMATE PROPERTY BOUNDARY



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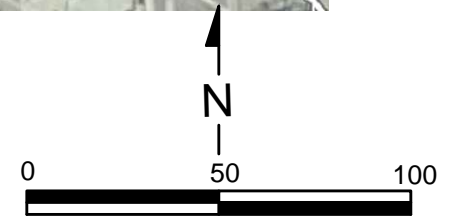
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|  <p>CITADEL •ASSESS •RESOLVE •STRENGTHEN 1725 VICTORY BOULEVARD GLENDALE, CALIFORNIA 91201 (818) 246-2707</p> | <p>CLIENT</p> <p>SHEPPARD, MULLIN, RICHTER, & HAMPTON, LLP 333 SOUTH HOPE STREET, FORTY-THIRD FLOOR LOS ANGELES, CALIFORNIA 90071</p> | <p>SHEET TITLE</p> <p>SiteSite Map Map</p> | <p>SCALE</p> <p>1"=50'</p> |
| | | <p>PROJECT SITE</p> <p>333 SOUTH SAN VICENTE BOULEVARD LOS ANGELES, CALIFORNIA 90048</p> | <p>FIGURE NO.</p> <p>2</p> |
| <p>CITADEL PROJECT NO.:</p> <p>1234.1001.0</p> | <p>DESIGN BY:</p> <p>C.HERNANDEZ</p> | | |
| <p>DATE:</p> <p>MARC 2018</p> | <p>APPROVED BY:</p> <p>M.PENDERGRASS</p> | | |




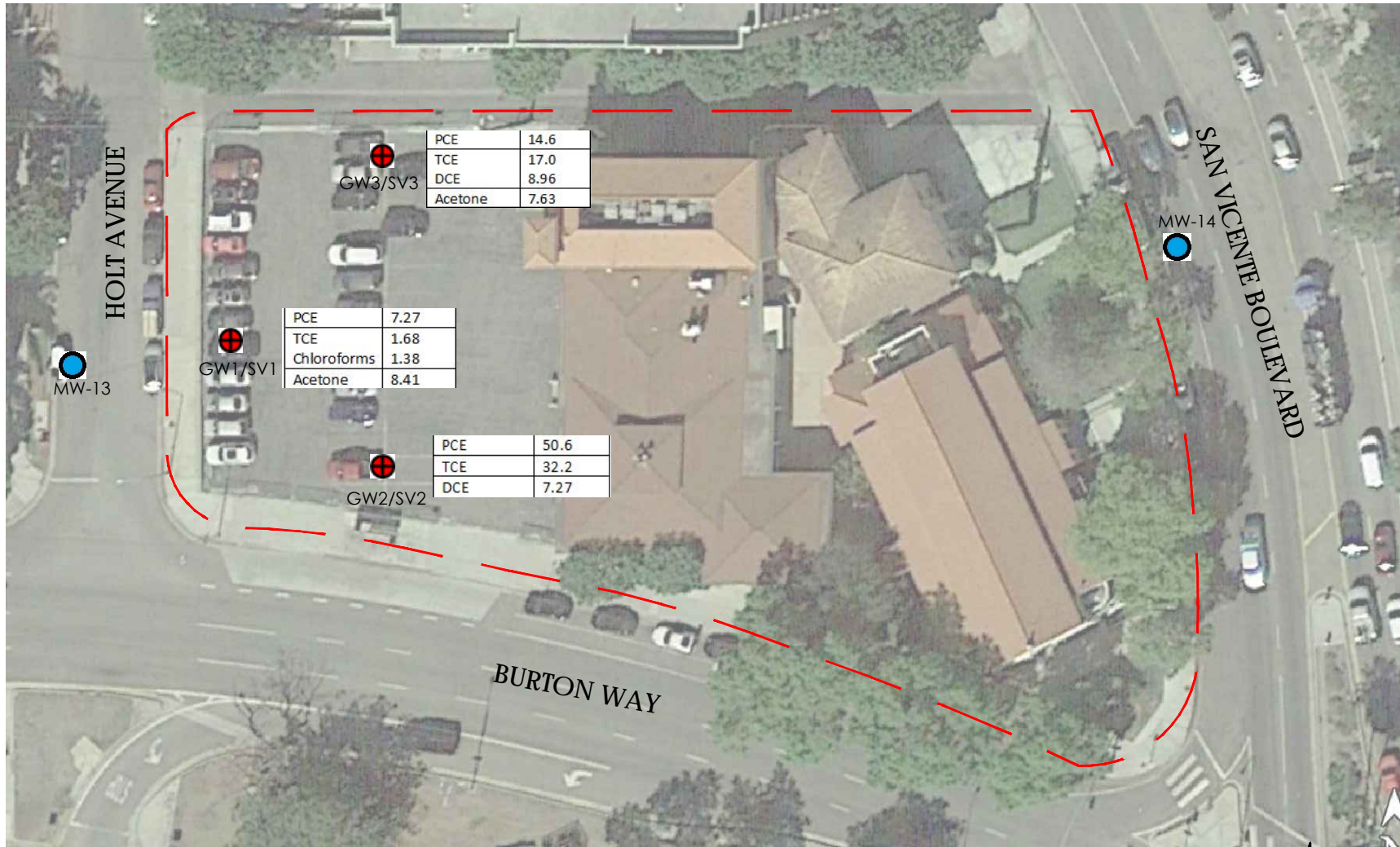
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- APPROXIMATE PROPERTY BOUNDARY
- ⊕ APPROXIMATE BORING LOCATIONS
- GROUNDWATER MONITORING WELL LOCATION

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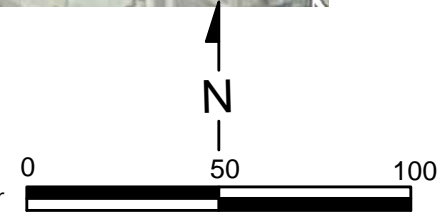
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|  <p>CITADEL •ASSESS •RESOLVE •STRENGTHEN 1725 VICTORY BOULEVARD GLENDALE, CALIFORNIA 91201 (818) 246-2707</p> | <p>CLIENT</p> <p>SHEPPARD, MULLIN, RICHTER, & HAMPTON, LLP 333 SOUTH HOPE STREET, FORTY-THIRD FLOOR LOS ANGELES, CALIFORNIA 90071</p> | <p>SHEET TITLE</p> <p>Approximate Boring & Sampling Locations</p> | <p>SCALE</p> <p>1"=50'</p> |
| | | <p>PROJECT SITE</p> <p>333 SOUTH SAN VICENTE BOULEVARD LOS ANGELES, CALIFORNIA 90048</p> | <p>FIGURE NO.</p> <p>3</p> |
| <p>CITADEL PROJECT NO.:</p> <p>1234.1001.0</p> | <p>DESIGN BY:</p> <p>C.HERNANDEZ</p> | | |
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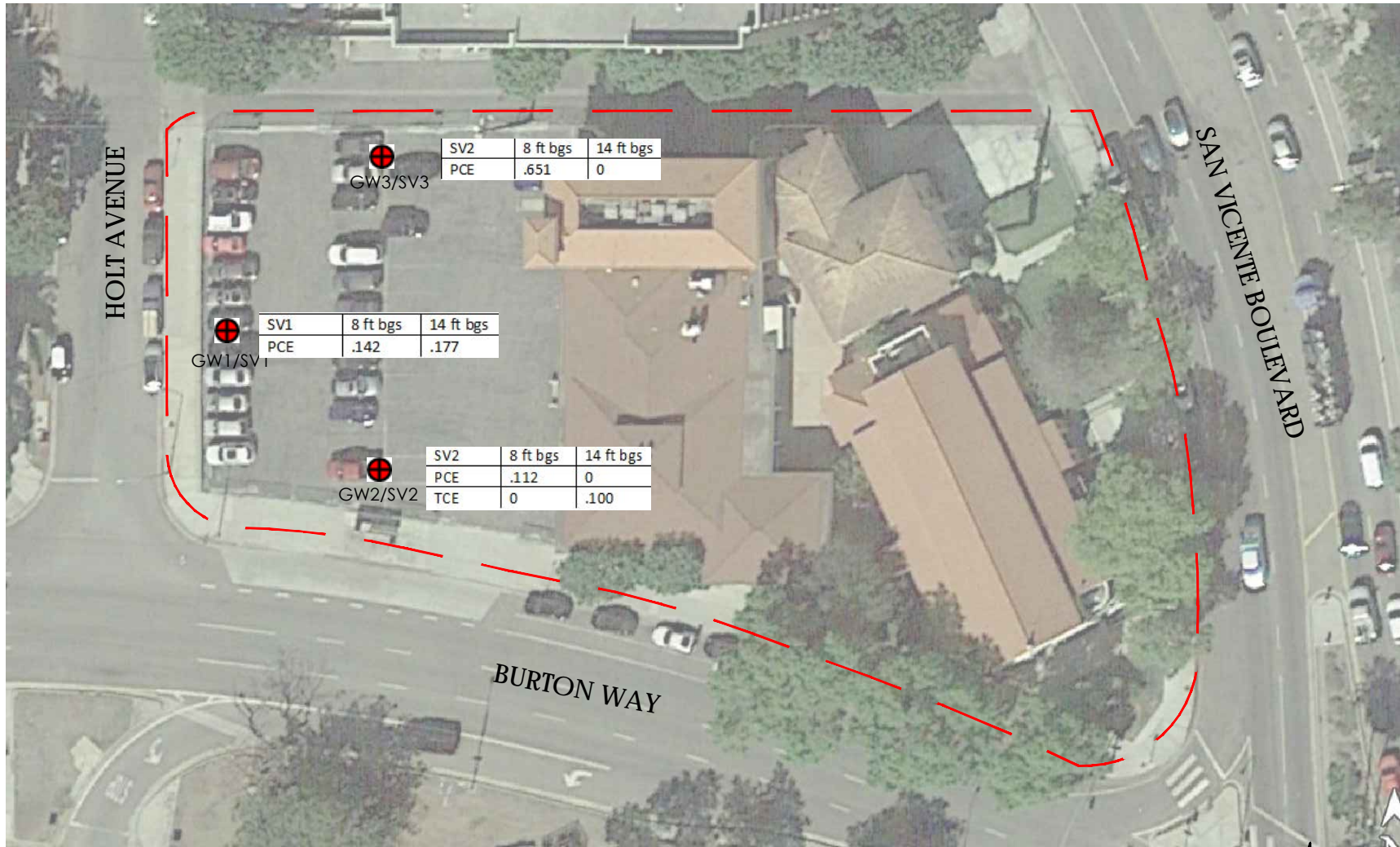
- — — APPROXIMATE PROPERTY BOUNDARY
- ⊕ APPROXIMATE BORING LOCATION
- APPROXIMATE GROUNDWATER WELL LOCATIONS

GW - Groundwater
 SV - Soil Vapor
 PCE - tetrachloroethylene
 TCE - trichloroethylene
 DCE - 1,2 - dichloroethane
 Units - µg/L (microgram/Liter)



Source Google Maps

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|  <p>CITADEL •ASSESS •RESOLVE •STRENGTHEN 1725 VICTORY BOULEVARD GLENDALE, CALIFORNIA 91201 (818) 246-2707</p> | <p>CLIENT</p> <p>SHEPPARD, MULLIN, RICHTER, & HAMPTON, LLP 333 SOUTH HOPE STREET, FORTY-THIRD FLOOR LOS ANGELES, CALIFORNIA 90071</p> | <p>SHEET TITLE</p> <p style="text-align: center;">Groundwater Sample Location Results</p> | <p>SCALE</p> <p style="text-align: center;">1"=50'</p> |
| | | <p>PROJECT SITE</p> <p style="text-align: center;">333 SOUTH SAN VICENTE BOULEVARD LOS ANGELES, CALIFORNIA 90048</p> | <p>FIGURE NO.</p> <p style="text-align: center;">4</p> |
| <p>CITADEL PROJECT NO.:</p> <p>1234.1001.0</p> | <p>DESIGN BY:</p> <p>C.HERNANDEZ</p> | | |
| <p>DATE:</p> <p>MARC 2018</p> | <p>APPROVED BY:</p> <p>M.PENDERGRASS</p> | | |

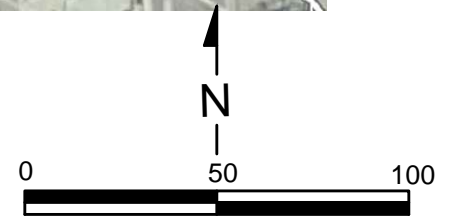


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- - - - APPROXIMATE PROPERTY BOUNDARY
- ⊕ APPROXIMATE BORING LOCATION

- GW - Groundwater
- SV - Soil Vapor

PCE - tetrachloroethylene
 TCE - trichloroethylene
 bgs - below ground surface
 Units - µg/L (microgram/Liter)



Source Google Maps

| | | | |
|--|---|---|--|
|  <p>CITADEL •ASSESS •RESOLVE •STRENGTHEN 1725 VICTORY BOULEVARD GLENDALE, CALIFORNIA 91201 (818) 246-2707</p> | <p>CLIENT</p> <p>SHEPPARD, MULLIN, RICHTER, & HAMPTON, LLP 333 SOUTH HOPE STREET, FORTY-THIRD FLOOR LOS ANGELES, CALIFORNIA 90071</p> | <p>SHEET TITLE</p> <p style="text-align: center;">Soil Vapor Sample Results</p> | <p>SCALE</p> <p style="text-align: center;">1"=50'</p> |
| | | <p>PROJECT SITE</p> <p style="text-align: center;">333 SOUTH SAN VICENTE BOULEVARD LOS ANGELES, CALIFORNIA 90048</p> | <p>FIGURE NO.</p> <p style="text-align: center;">5</p> |
| <p>CITADEL PROJECT NO.:</p> <p>1234.1001.0</p> | <p>DESIGN BY:</p> <p>C.HERNANDEZ</p> | | |
| <p>DATE:</p> <p>MARC 2018</p> | <p>APPROVED BY:</p> <p>M.PENDERGRASS</p> | | |



CITADEL
ENVIRONMENTAL SERVICES, INC.

Tables

**Table 1. Volatile Organic Compounds in Groundwater
333 South Vicente Boulevard
Los Angeles, California 90048**

| Boring/ Sample ID | Date Sampled | Volatile Organic Compounds (EPA Method 8260B) | | | | | Comment |
|----------------------------|--------------|---|-----------------|---------------------------------|----------------------------|----------------------|---------|
| | | Acetone | Chloro- form | cis-1,2- Dichloro- ethene | Tetra- chloro- ethen | Trichloro- ethene | |
| | | micrograms per liter (µg/L) | | | | | |
| GW1 | 2/15/2018 | 8.41 | 1.38 | <1.0 | 7.27 | 1.68 | |
| GW2 | | <5.0 | <1.0 | 7.2 | 50.6 | 32.2 | |
| GW3 | | 7.63 | <1.0 | 8.96 | 14.6 | 17.0 | |
| Maximum Contaminant Levels | | -- | 70* | 6.0 | 5.0 | 5.0 | |

Notes:

MCLs = California's Maximum Contaminant Levels (MCLs), January 10, 2018.

-- = Not Available

< = Analyte not detected at or above reporting limit.

* - Federal Maximum Contaminant Level Goal (MCLG)

**Table 2. Volatile Organic Compounds for Soil Vapor
333 South Vicente Boulevard
Los Angeles, California 90048**

| Boring/ Sample ID | Sample Depth (feet) | Date Sampled | Volatile Organic Compounds (EPA Method 8260B) | | | | |
|----------------------------|------------------------|-----------------|---|-------------|---------------------------------|------------------------|---------------------|
| | | | Acetone | Chloro-form | cis-1,2- Dichloro- ethene | Tetrachloro- ethene | Trichloroeth ene |
| | | | micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) | | | | |
| SV1 | 8 | 2/15/2018 | <500 | <100 | <100 | 142 | <100 |
| | 14 | | <500 | <100 | <100 | 177 | <100 |
| SV2 | 8 | | <500 | <100 | <100 | 112 | 248 |
| | 14 | | <500 | <100 | <100 | <100 | 100 |
| SV3 | 8 | | <500 | <100 | <100 | 651 | <100 |
| | 14 | | <500 | <100 | <100 | <100 | <100 |
| Residential ESLs | | | 16,000,000 | 61 | 240 | 240 | 240 |
| Commercial/Industrial ESLs | | | 140,000,000 | 530 | 2,100 | 2,100 | 3,000 |

Notes:

< = Analyte not detected at or above reporting limit.

ESL = Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board, February 2016 (Rev.3)

Detected concentrations are shown in bold type

Laboratory results were reported in microliters per liter ($\mu\text{L}/\text{L}$) and converted to micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)



CITADEL
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Appendix A

Health and Safety Plan

Health and Safety Plan

February 13, 2018

Citadel Project Number 1234.1001.0

333 South San Vicente Boulevard
Los Angeles, California 90048

www.citadelenvironmental.com

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1.0 SITE DESCRIPTION

The Project is located in Los Angeles at 333 South San Vicente Boulevard, Los Angeles, California (Site). The Site consists of four structures comprising the Our Lady of Mt. Lebanon – St. Peter Maronite Catholic Cathedral.

Citadel Environmental Services, Inc., (Citadel) has prepared this Health and Safety Plan (HASP) for use during drilling activities to be conducted at the Site. Activities conducted under Citadel's direction at the Site will be in compliance with applicable Occupational Safety and Health Administration (OSHA) regulations, particularly those in Title 8 California Code of Regulations (CCR) 5192, and other applicable federal, state, and local laws, regulations, and statutes.

2.0 BACKGROUND

Citadel proposes to conduct a limited soil vapor and groundwater investigation along the north, east, and south portions of the Site to evaluate the current subsurface conditions, in light of offsite contamination in the vicinity.

Citadel understands that groundwater depth at the Site is approximately 20 feet below ground surface (bgs). Citadel will collect representative soil vapor and groundwater samples to evaluate the presence of VOCs.

3.0 SAFETY POLICY

Safety will be given primary importance in the planning and operation of this project. It is the policy of Citadel to conform to current OSHA standards in construction and local government agency requirements having authority over the project as regards to Citadel employees, subcontractors and public safety.

Each subcontracting firm will assume primary responsibility for the safety of their own work in regards to their employees and other persons. Subcontractors will assume the duty to comply with OSHA, and all other federal, state and local regulations.

The subcontractors work will be monitored by Citadel project managers for implementation of the Citadel HASP, while adhering to their own safety program. Citadel will retain the authority and power to enforce this HASP during the progress of the work. Any deficiencies in safe work practices will be brought to the attention of the subcontractor firm's supervisor for immediate corrective action. If the subcontractor fails or refuses to take corrective action promptly a stop work order shall be issued and the subcontractor or the subcontractor employee may be removed from the project.

4.0 WORK DESCRIPTION

Citadel will collect soil and groundwater samples along the northern, eastern, and southern boundary of the Site, to evaluate the potential for contamination of soil and groundwater due to offsite contaminant migration. Citadel's scope of work for this project is as follows:

- Citadel will contact Underground Service Alert (USA) prior to commencing the proposed environmental sampling work. Boring clearances will be completed using a hand auger to approximately five feet below ground surface (bgs) at each boring location.

- Based on reports found on the State Water Resources Control Board's Geotracker database, groundwater in the Site vicinity occurs at a depth of approximately 20 feet bgs, with groundwater flow direction being to the south southeast.
- Citadel will advance one boring each along the north, west, and south boundaries of the Site, for a total of three borings. The borings will be advanced to a depth of approximately 20 feet below ground surface (bgs) using a direct push drill rig.
- One groundwater sample will be collected at each of the three boring locations. Groundwater samples will be collected using plastic bailers and 40 milliliter glass vials.
- After collection of groundwater samples, soil vapor sampling probes will be installed in each of the borings, at depths of 10 and 20 feet bgs, in accordance with the California Environmental Protection Agency's (Cal EPA) Department of Toxic Substance Control (DTSC) – Active Soil Gas Investigation and Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air4.
- Soil vapor probe tips will be placed within a sand pack at the proposed sampling depths. Approximately six inches of dry bentonite chips will be placed over the sand pack, followed by placement of hydrated bentonite. Gas tight fittings will be placed at the end of the probes at the surface.
- Soil vapor samples will be collected following the procedure of the Cal EPA's Active Soil Gas Investigation Authority approximately two hours after the probes have been installed.
- Following the collection of soil vapor and groundwater samples, the boring locations will be backfilled with neat cement and the surface will be finished to match the surrounding surface.

5.0 KEY PROJECT PERSONNEL AND RESPONSIBILITIES

| | |
|---|-----------------------------------|
| Project Manager | Mike Pendergrass (Citadel) |
| Site Safety Officer (SSO)/Project Monitor | Cindy Hernandez (Citadel) |
| Subcontractor | Kehoe Testing & Engineering, Inc. |
| Site Representative | Cindy Hernandez |

5.1 PROJECT MANAGER

The Project Manager has the ultimate responsibility for the health and safety of personnel at the Site. The Project Manager is responsible for:

- Ensuring that project personnel review and understand the requirements of this HASP;
- Keeping on-site personnel, including subcontractors, informed of the expected hazards and appropriate protective measures at the Site; and
- Providing resources necessary for maintaining a safe and health work environment.

5.2 SITE SAFETY OFFICER/PROJECT MONITOR

The SSO is responsible for enforcing the requirements of this HASP once site work begins. The SSO has the authority to immediately correct situations where noncompliance with this HASP is noted and to immediately stop work in cases where an immediate danger to site workers or the environment is perceived. Responsibilities of the SSO also include:

- Obtaining and distributing PPE and air monitoring equipment necessary for this project;
- Limiting access at the Site to authorized personnel;
- Communicating unusual or unforeseen conditions at the Site to the Project Manager;
- Supervising and monitoring the safety performance of site personnel to evaluate the effectiveness of health and safety procedures and correct deficiencies;
- Conducting daily tailgate safety meetings before each day's activities begin; and

- Conducting a site safety inspection prior to the commencement of each day's field activities.

5.3 SUBCONTRACTOR PERSONNEL

Subcontractor personnel are expected to comply with the minimum requirements specified in this HASP. Failure to do so may result in the dismissal of the subcontractor or any of the subcontractor's workers from the job site. Subcontractors may employ health and safety procedures that afford them a greater measure of personal protection than those specified in this plan as long as they do not pose additional hazards to themselves, the environment, or others working in the area.

6.0 SITE CONTROL MEASURES

The SSO or Project Manager has been designated to coordinate access and security on site.

7.0 STANDARD OPERATING PROCEDURES

7.1 GENERAL SAFETY

- Maintain good housekeeping at all times in all project work areas.
- Check the work area to determine what problems or hazards may exist.
- Designate specific areas for the proper storage of materials.
- Store tools, equipment, materials, and supplies in an orderly manner.
- Provide containers for collecting trash and other debris.
- Clean up all spills quickly.
- Report unsafe conditions or unsafe acts to your supervisor immediately.
- Report all occupational illnesses, injuries, and vehicle accidents.
- Do not wear loose clothing, wristwatches, and other loose accessories when within arm's reach of moving machinery.
- Emergency exits and evacuation areas should be clearly marked during work activities.
- Personnel fall protection is required when climbing to perform maintenance six feet or higher above ground.
- Inspect hand tools and use proper PPE.
- Ensure proper grounding and guarding of equipment.
- Keep hands and fingers out of pinch points.
- Use good ergonomic posturing when working with heavy items.

7.2 HAZARD EVALUATION

The following substances are known or suspected to be on site. The primary hazards of each are identified as follows:

| <u>Substances</u> | <u>Concentration</u> | <u>Primary Hazards</u> |
|----------------------------|----------------------|-----------------------------|
| Volatile Organic Compounds | various | ingestion, inhalation, skin |

7.3 COMMUNICATION PROCEDURES

Due to the close proximity of all field crew members, the necessity for radio communication is not necessary.

The following standard hand signals will be used:

Hand drawn across throatCease operation immediately

Hand gripping throat.....Out of air, can't breathe
 Grip partner's wrist or both hands around waist.....Leave area immediately
 Hands on top of head.....Need assistance
 Thumbs up.....OK, I am alright, understood
 Thumbs down..... No, negative

7.4 FIELD VEHICLES

- Equip vehicles with emergency supplies and equipment.
- Maintain both a first aid kit and fire extinguisher in the field vehicle at all times.
- Utilize a rotary beacon on vehicle if working adjacent to active roadway.
- Always wear seatbelt while operating vehicle.
- Tie down loose items.

7.5 MANUAL LIFTING

- Personnel shall seek assistance when performing manual lifting tasks that appear beyond their physical capabilities.
- Assess the situation before lifting, ensure good lifting and body positioning practices, and ensure good carrying and setting down practices.

7.6 HEAT EXPOSURE

- Limit exposure to the sun, or take extra precautions when the UV index rating is high.
- Take lunch and breaks in shaded areas.
- Create shade by using umbrellas, tents, and canopies.
- Wear proper clothing: long sleeved shirts with collars, long pants, and UV-protective sunglasses or safety glasses.
- Apply sunscreen generously to all exposed skin surfaces at least 20 minutes before exposure. Re-apply sunscreen at least every 2 hours, and more frequently when sweating or performing activities where sunscreen may be wiped off.
- Communicate any concerns regarding heat stress to a supervisor.
- Keep hydrated throughout the day (about 4 cups per hour).
- OSHA's Heat Index:

| Heat Index | Risk Level | Protective Measures |
|--------------------|----------------------|---|
| Less than 91°F | Lower (Caution) | Basic heat safety and planning |
| 91°F to 103°F | Moderate | Implement precautions and heighten awareness |
| 103°F to 115°F | High | Additional precautions to protect workers |
| Greater than 115°F | Very High to Extreme | Triggers even more aggressive protective measures |

Utilities (Under Ground and Above Ground): Low Hazard. Utilities have been cleared during a geophysical survey.

Biological Hazards: Low Hazard. Beware of spiders, insects and other possible animals.

Site Instability: Low to medium Hazard. The Site will be inspected prior to equipment placement and closely monitored. Any settling of the equipment will cause the work to stop immediately.

Equipment Refueling: Low Hazard. Equipment shall not be refueled with the engine running. Cigarettes, open flames, or other ignition sources are not allowed within 50 feet of the fueling location.

Personnel Injury: Upon notification of an injury the Project Field Leader should evaluate the nature of the injury, and the affected person should be decontaminated to the extent possible prior to movement. The Project Field Leader shall initiate the appropriate first aid, and contact should be made for an ambulance and with the designated medical facility (if required).

Fire/Explosion: The fire department shall be alerted and all personnel moved to a safe distance from the involved area.

Other Equipment Failure: If any other equipment on site fails to operate properly, the Project Team Leader shall be notified and then determine the effect of this failure on continuing operations on site. If the failure affects the safety of personnel or prevents completion of the Work Plan tasks, work will cease until the situation is evaluated and appropriate actions taken.

8.0 PERSONAL PROTECTIVE EQUIPMENT

The purpose of PPE is to protect employees from hazards and potential hazards they are likely to encounter during site activities. The amount and type of PPE used will be based on the nature of the hazard encountered or anticipated. Respiratory protection will be utilized when an airborne hazard has been identified using real-time air monitoring devices, or as a precautionary measure in areas designated by the SSO, elevating to level C. If this occurs, contractor personnel shall be respirator-approved.

Dermal protection, primarily in the form of chemical-resistant gloves and coveralls, will be worn whenever contact with chemically affected materials (e.g. soils, groundwater, sludge) is anticipated, without regard to the level of respiratory protection required.

Based on evaluation of potential hazards, the following levels of personal protection have been designated for the applicable work areas or tasks:

| <u>Location</u> | <u>Job Function</u> | <u>Level of Protection</u> |
|-----------------|---------------------|----------------------------|
| Controlled Area | All workers | A B C D Other |

Specific protective equipment for each level of protection is as follows:

Level A

- Fully-encapsulating suit
- SCBA
- Disposable coveralls

Level C

- Splash gear
- Half-face canister respirator with H₂S/VOC cartridge
- Mouth/nose canister respirator
- Efficiency 100 (HEPA)

Level B

- Splash gear
- SCBA

Level D

- Hard hat
- Ear plugs
- Neoprene or leather gloves - nitrile gloves
- Safety vests and Glasses
- Hard toe boots

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE SSO OR PROJECT MANAGER.

9.0 DECONTAMINATION PROCEDURES

Despite protective procedures, personnel may come in contact with potentially hazardous compounds while performing work tasks. If so, decontamination needs to take place using an Alconox or tri-sodium phosphate (TSP), followed by a rinse with clean water. Standard decontamination procedure for levels C and D are as follows:

- Equipment drop
- Boot cover and outer glove wash and rinse
- Boot cover and out glove removal
- Suit wash and rinse
- Suit removal
- Safety boot wash and rinse
- Inner glove wash and rinse
- Respirator removal
- Inner glove removal
- Field wash of hands and face

Workers should employ only applicable steps in accordance with level of PPE worn and extent of contamination present. The SSO shall maintain adequate quantities of clean water to be used for personal decontamination (i.e. field wash of hands and face) whenever a suitable washing facility is not located in the immediate vicinity of the work area. Disposable items will be disposed of in an appropriate container. Wash and rinse water generated from decontamination activities will be handled and disposed of properly. Non-disposable items may need to be sanitized before reuse. Each site worker is responsible for the maintenance, decontamination, and sanitizing of his/her own PPE.

Used equipment may be decontaminated as follows:

- An Alconox or TSP and water solution will be used to wash the equipment.
- The equipment will then be rinsed with clean water.

Each person must follow these procedures to reduce the potential for transferring chemically affected materials offsite.

10.0 EMERGENCY PROCEDURES

In the event of an emergency, site personnel will signal distress with three blasts of a horn (a vehicle horn will be sufficient), or other predetermined signal. Communication signals, such as hand signals, must be established where communication equipment is not feasible or in areas of loud noise.

The SSO will designate evacuation routes and refuge areas to be used in the event of an emergency. Site personnel will stay upwind from vapors or smoke and upgradient from spills. Workers should exit through the established decontamination areas wherever possible. If evacuation cannot be done through an established decontamination area, site personnel will go to the nearest safe location and remove contaminated clothing there. Personnel will assemble at the predetermined refuge following evacuation and decontamination. The SSO will count and identify site personnel to verify that all personnel have been evacuated safely. Please refer to Figure 1.0 for the evacuation route and refuge location.

FIGURE 1.0 – EVACUATION ROUTE AND REFUGE AREAS



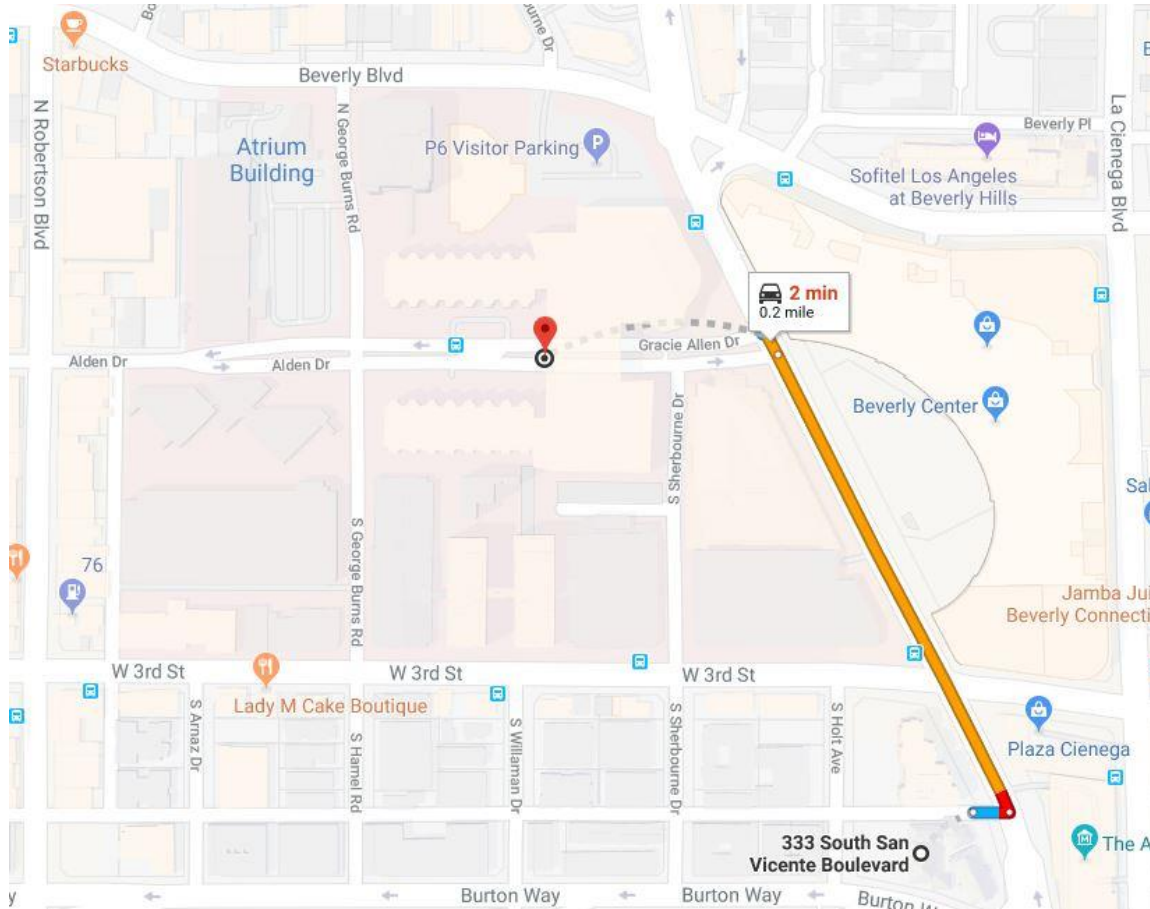
- Approximate Site Boundaries



- Refuge Areas

The designated medical facility is:

Cedars-Sinai Medical Center - Emergency Department
8700 Beverly Boulevard
Los Angeles, CA 90048
(310) 423-8780 (Emergency department during business hours)
(310) 423-3277 (General #)



Directions:

| | |
|--|----------|
| Head east toward South San Vicente Boulevard | 72 feet |
| Turn onto South San Vicente Boulevard | 0.2 mile |
| Turn left onto Gracie Allen Drive | 56 feet |
| 154 feet | |
| Destination will be on the right | |

Local ambulance service is available from:

| | |
|-------|------------------|
| Name | Local Paramedics |
| Phone | 911 |

First-aid equipment is available in the SSO's vehicle.

List of emergency phone numbers:

Agency/Facility

Phone#

Police

911

Fire

911

Hospital

(310) 423-3277

This HASP has been prepared by:

Roopal Jani

Digitally signed by Roopal Jani
DN: cn=Roopal Jani, o=Citadel Environmental
Services, Inc., ou=Engineering &
Environmental Sciences,
email=rjani@citadelenvironmental.com, c=US
Date: 2018.02.13 14:37:23 -08'00'

Roopal Jani
Staff Geologist

Reviewed by:

**T. Michael
Pendergrass**

Digitally signed by T. Michael Pendergrass
DN: cn=T. Michael Pendergrass, o=Citadel
Environmental Services, Inc., ou=Engineering &
Environmental Sciences,
email=mpendergrass@citadelenvironmental.com,
c=US
Date: 2018.02.13 14:38:01 -08'00'

T. Michael Pendergrass, PG
Senior Project Geologist



CITADEL
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Appendix B

Groundwater Work Plan Permit



ENVIRONMENTAL HEALTH

Drinking Water Program



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

Work Plan Approval

TO BE COMPLETED BY APPLICANT:

| | | | |
|----------------------------|-------------|-------|--|
| WORK SITE ADDRESS | CITY | ZIP | EMAIL ADDRESS FOR WELL PERMIT APPROVAL |
| 333 South San Vicente Blvd | Los Angeles | 90048 | mpendergrass@citadelenvironmental.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.
- WORK PLAN APPROVALS ARE 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.
- **ONCE APPROVED NOTIFY BELINDA LARSEN AT blarsen@ph.lacounty.gov PREFERABLY 4 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.**

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

WORK PLAN APPROVED

DATE: 2-21-2018

ADDITIONAL APPROVAL CONDITIONS:

On 2-14-2018, \$129.00 was paid for permit # 0134559 to drill three soil borings. Follow the work plan submitted and maintain any setback requirements. Follow all requirements set forth in the California Well Standards bulletin 74-90. Backfill borehole from the bottom up with tremie pipe.



5838
Belinda Larsen
Belinda Larsen R.E.H.S.
818-593-7308

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



CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix C

Field Notes

| | | | |
|-------------------|--|------------------------|--------------|
| CLIENT | Sheppard Mullin | PAGE | 1 OF 2 |
| PROJECT NUMBER | 1234.1001.0 | CITADEL REPRESENTATIVE | C. Hernandez |
| PROJECT NAME | | CONTRACTOR | Kehoe |
| PROJECT WORK AREA | Church panangiot | SUPERVISOR | |
| PROJECT LOCATION | 333 S. San Vicente Blvd Los Angeles, CA | | |

| TIME | FIELD NOTES |
|------|---|
| 7:15 | arrived onsite. Kehoe already onsite HASP discussion. |
| | Kehoe set up at first location. Hand augered to 5' feet bgs. Generated soil was placed in a bucket |
| 8:10 | First boring was drilled to 30' bgs. No signs of GW. Boring was left 15' is. We will check later is GW equilibrated. |
| 8:15 | Moved to second location. Kehoe hand augered to 5' feet bgs. Soil generated was placed in plastic. |
| 8:20 | contacted Mark Mark indicated that no drum should be used. |
| 8:35 | contacted Mike As per discussion, soil generated will be taken back to the office. |
| 8:48 | completed second boring. No signs of water checked first boring. No signs of water. According to Mike. GW is @ 14' feet bgs. Third boring will be drilled to 16' feet bgs. check for screen |
| 9:17 | completed hand auguring for third location |
| 9:30 | GW collected @ second location. Labeled GW |
| 9:55 | completed third location. |
| 9:58 | set probes @ GW1 / SV1. GW @ 16.7' Probes @ 14' & 10' for GW1 / SV1. |

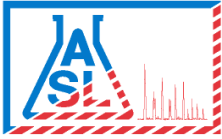
| | |
|---|---------------|
| CITADEL REPRESENTATIVE: C. Hernandez | DAY: Thursday |
| SIGNATURE: <i>[Signature]</i> | DATE: 2/15/18 |



CITADEL
ENVIRONMENTAL SERVICES, INC.

Appendix

Laboratory Reports



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

22 February 2018

Michael Pendergrass

Citadel Environmental Services, Inc.

1725 Victory Boulevard

Glendale, CA 91201

Work Order #: 1802119

Project Name: Limited Phase II

Project ID: 1234.1001.0

Site Address: 333 South San Vicente Blvd. Los Angeles, CA

Enclosed are the results of analyses for samples received by the laboratory on February 15, 2018. If you have any questions concerning this report, please feel free to contact us.

Wendy Lu

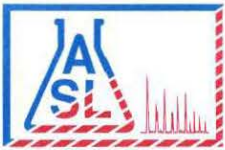
Laboratory Supervisor

Rojert G. Araghi

Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# N° 78475 GLOBAL ID _____ E REPORT: PDF EDF EDD ASL JOB# 1802119

| Company: Citadel Environmental Services | | | | | | Report To: | | ANALYSIS REQUESTED | | | | | | | | | | | | | | |
|--|--------------|-----------|--|---------------|---|---------------------------------|--------------|-------------------------------|--------|--------------|---------------|--|-------------|--|---|--|--|--|--|--|---------|--|
| Address: 1725 Victory Blvd Grendale, CA | | | Project Name: Limited Ph II | | | Address: | | VOCs (8260P) | | | | | | | | | | | | | | |
| Telephone: (818) 482-9850 | | | Site Address: 333 South San Vicente Blvd | | | Invoice To: | | | | | | | | | | | | | | | | |
| Fax: (818) 482-9850 | | | Los Angeles, CA | | | Address: | | | | | | | | | | | | | | | | |
| Special Instruction: | | | Project ID: 1234.1001.0 | | | | | | | | | | | | | | | | | | | |
| E-mail: Chemandez@citadelenvironmental.com | | | | | | Project Manager: M. Pendergrass | | P.O.#: | | | | | | | | | | | | | | |
| ITEM | LAB USE ONLY | | SAMPLE DESCRIPTION | | | | Container(s) | | Matrix | Preservation | | | | | | | | | | | Remarks | |
| | Lab ID | Sample ID | Date | Time | # | Type | | | | | | | | | | | | | | | | |
| | 1802119-01 | GW1 | 2/15/18 | 9:30 | 3 | vocs | Liquid | Yes | X | | | | | | | | | | | | | |
| | 1802119-02 | GW2 | 2/15/18 | 10:38 | 1 | I | I | I | X | | | | | | | | | | | | | |
| | 1802119-03 | GW3 | 2/15/18 | 11:15 | 1 | I | I | I | X | | | | | | | | | | | | | |
| | 1802119-04 | SV1-8 | | 11:35 | 1 | bedlar | air | NO | X | | | | | | | | | | | | | |
| | 1802119-05 | SV1-14 | | 11:38 | 1 | I | I | I | X | | | | | | | | | | | | | |
| | 1802119-06 | SV2-8 | | 11:43 | 1 | I | I | I | X | | | | | | | | | | | | | |
| | 1802119-07 | SV2-14 | | 11:45 | 1 | I | I | I | X | | | | | | | | | | | | | |
| | 1802119-08 | SV3-8 | | 11:50 | 1 | I | I | I | X | | | | | | | | | | | | | |
| | 1802119-09 | SV3-14 | | 11:55 | 1 | I | I | I | X | | | | | | | | | | | | | |
| Collected By: Cindy Hernandez | | | | Date: 2/15/18 | | Time: 11:55 | | Relinquished By: | | | Date: | | Time: | | <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush | | | | | | | |
| Relinquished By: Cindy Hernandez | | | | Date: 2/15/18 | | Time: 15:04 | | Received For Laboratory: Alex | | | Date: 2-15-18 | | Time: 15:06 | | | | | | | | | |
| Received By: | | | | Date: | | Time: | | Condition of Sample: | | | | | | | | | | | | | | |

CHAIN OF CUSTODY REFERENCE



Job# 1802119

ASL Sample Receipt Form

Client: Citadel Environmental Services, Inc

Date: 2-15-18

Sample Information:

Temperature: 5.4 °C

Blank Sample

Custody Seal:

Yes No Not Available

Received Within Holding Time:

Yes, No

Container:

Proper Containers and Sufficient Volume:

Yes, No

Soil: 4oz 8oz Sleeve VOA

Water: 500AG 1AG 125PB 250PB 500PB VOA Other _____

Air: Tedlar®

Sample Containers Intact:

Yes No

Trip Blank

Yes No

Chain-of-Custody (COC):

Received:

Yes No

Samplers Name:

Yes No

Container Labels match COC:

Yes No

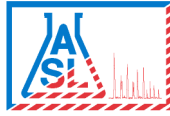
COC documents received complete:

Yes No

Proper Preservation Noted:

Yes No

Completed By: Janet Chin



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

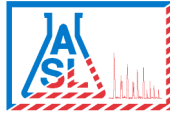
Work Order No: 1802119
Reported:
02/22/2018 16:57

ANALYTICAL SUMMARY REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------|------------------|
| GW1 | 1802119-01 | Water | 02/15/2018 09:30 | 02/15/2018 15:06 |
| GW2 | 1802119-02 | Water | 02/15/2018 10:38 | 02/15/2018 15:06 |
| GW3 | 1802119-03 | Water | 02/15/2018 11:15 | 02/15/2018 15:06 |
| SV1-8 | 1802119-04 | Air | 02/15/2018 11:35 | 02/15/2018 15:06 |
| SV1-14 | 1802119-05 | Air | 02/15/2018 11:38 | 02/15/2018 15:06 |
| SV2-8 | 1802119-06 | Air | 02/15/2018 11:43 | 02/15/2018 15:06 |
| SV2-14 | 1802119-07 | Air | 02/15/2018 11:45 | 02/15/2018 15:06 |
| SV3-8 | 1802119-08 | Air | 02/15/2018 11:50 | 02/15/2018 15:06 |
| SV3-14 | 1802119-09 | Air | 02/15/2018 11:55 | 02/15/2018 15:06 |

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Wendy Lu, Laboratory Supervisor



Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

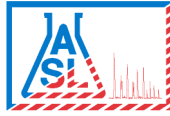
Analytical Results

Client Sample ID: GW1

Laboratory Sample ID: 1802119-01 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|------|-------|-------------------|-------------|----------------------------|---------|--------|
| Volatile Organic Compounds | | | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | |
| Acetone | 8.41 | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Benzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Bromobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Bromochloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Bromodichloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Bromoform | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Bromomethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| n-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| sec-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| tert-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Carbon disulfide | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Carbon tetrachloride | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Chlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Chloroethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Chloroform | 1.38 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Chloromethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Dibromochloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Dibromomethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results

Client Sample ID: GW1

Laboratory Sample ID: 1802119-01 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|-------------|-------|-------------------|-------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | | | |
| Ethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 2-Hexanone | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Isopropylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Methylene chloride | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Naphthalene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| n-Propylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Styrene | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Tetrachloroethene | 7.27 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Toluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Trichloroethene | 1.68 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,2,4-Trimethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| 1,3,5-Trimethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Vinyl acetate | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Vinyl chloride | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| o-Xylene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| m,p-Xylenes | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Surrogate: 4-Bromofluorobenzene | | | 114 % | | 70-120 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Surrogate: Dibromofluoromethane | | | 87.6 % | | 70-120 | 5030B | 02/16/2018 18:45 | JOI | 8260B |
| Surrogate: Toluene-d8 | | | 99.0 % | | 70-120 | 5030B | 02/16/2018 18:45 | JOI | 8260B |

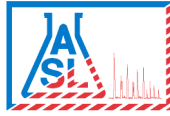
Analytical Results

Client Sample ID: GW2

Laboratory Sample ID: 1802119-02 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | | | |
| Acetone | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

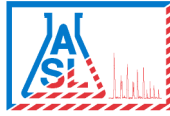
Analytical Results

Client Sample ID: GW2

Laboratory Sample ID: 1802119-02 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|-------------|-------|------|-------------------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | | Batch ID: BB80483 | Prepared: 02/16/2018 09:00 | | | | |
| Benzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Bromobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Bromochloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Bromodichloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Bromoform | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Bromomethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| n-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| sec-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| tert-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Carbon disulfide | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Carbon tetrachloride | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Chlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Chloroethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Chloroform | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Chloromethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Dibromochloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Dibromomethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| cis-1,2-Dichloroethene | 7.20 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Ethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |

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Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
 Reported:
 02/22/2018 16:57

Analytical Results

Client Sample ID: GW2

Laboratory Sample ID: 1802119-02 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|-------------|-------|-------------------|-------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | | | |
| 2-Hexanone | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Isopropylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Methylene chloride | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Naphthalene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| n-Propylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Styrene | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Tetrachloroethene | 50.6 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Toluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Trichloroethene | 32.2 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Vinyl acetate | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Vinyl chloride | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| o-Xylene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| m,p-Xylenes | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Surrogate: 4-Bromofluorobenzene | | | 115 % | | 70-120 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Surrogate: Dibromofluoromethane | | | 88.0 % | | 70-120 | 5030B | 02/16/2018 19:10 | JOI | 8260B |
| Surrogate: Toluene-d8 | | | 96.6 % | | 70-120 | 5030B | 02/16/2018 19:10 | JOI | 8260B |

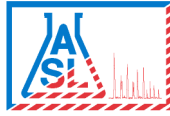
Analytical Results

Client Sample ID: GW3

Laboratory Sample ID: 1802119-03 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|-------------|-------|-------------------|-------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | | | |
| Acetone | 7.63 | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Benzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Bromobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

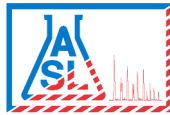
Analytical Results

Client Sample ID: GW3

Laboratory Sample ID: 1802119-03 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|-------------|-------|-------------------|-------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | | | |
| Bromochloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Bromodichloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Bromoform | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Bromomethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| n-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| sec-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| tert-Butylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Carbon disulfide | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Carbon tetrachloride | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Chlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Chloroethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Chloroform | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Chloromethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Dibromochloromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Dibromomethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| cis-1,2-Dichloroethene | 8.96 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Ethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 2-Hexanone | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Isopropylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |

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Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
 Reported:
 02/22/2018 16:57

Analytical Results

Client Sample ID: GW3

Laboratory Sample ID: 1802119-03 (Water)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|-------------|-------|-------------------|-------|----------------------------|-------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80483 | | Prepared: 02/16/2018 09:00 | | | | |
| p-Isopropyltoluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Methylene chloride | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Naphthalene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| n-Propylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Styrene | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Tetrachloroethene | 14.6 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Toluene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Trichloroethene | 17.0 | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Vinyl acetate | ND | | 5.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Vinyl chloride | ND | | 3.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| o-Xylene | ND | | 1.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| m,p-Xylenes | ND | | 2.00 | ug/L | 1 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Surrogate: 4-Bromofluorobenzene | | | 110 % | | 70-120 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Surrogate: Dibromofluoromethane | | | 88.8 % | | 70-120 | 5030B | 02/16/2018 19:34 | JOI | 8260B |
| Surrogate: Toluene-d8 | | | 98.2 % | | 70-120 | 5030B | 02/16/2018 19:34 | JOI | 8260B |

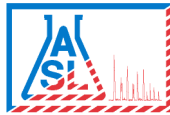
Analytical Results

Client Sample ID: SV1-8

Laboratory Sample ID: 1802119-04 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Acetone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Benzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromodichloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

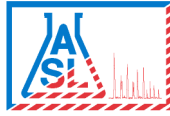
Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results**Client Sample ID: SV1-8****Laboratory Sample ID: 1802119-04 (Air)**

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Bromoform | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromomethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| sec-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| tert-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon disulfide | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon tetrachloride | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroform | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromomethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Ethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Hexanone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Isopropylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
 02/22/2018 16:57

Analytical Results

Client Sample ID: SV1-8

Laboratory Sample ID: 1802119-04 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|--|--------------|-------|-------------------|---------------|----------------------------|---------------------|------------------|---------|--------------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| 4-Methyl-2-pentanone (MIBK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methylene chloride | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Naphthalene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Propylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Styrene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Tetrachloroethene | 0.142 | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Toluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl acetate | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl chloride | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| o-Xylene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| m,p-Xylenes | ND | | 0.200 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | | <i>103 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Dibromofluoromethane</i> | | | <i>98.1 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Toluene-d8</i> | | | <i>93.7 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |

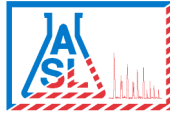
Analytical Results

Client Sample ID: SV1-14

Laboratory Sample ID: 1802119-05 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Acetone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Benzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromodichloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromoform | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromomethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

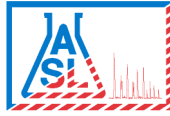
Analytical Results

Client Sample ID: SV1-14

Laboratory Sample ID: 1802119-05 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| 2-Butanone (MEK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| sec-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| tert-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon disulfide | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon tetrachloride | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroform | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromomethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Ethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Hexanone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Isopropylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methylene chloride | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results

Client Sample ID: SV1-14

Laboratory Sample ID: 1802119-05 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|--|--------------|-------|-------------------|---------------|----------------------------|---------------------|------------------|---------|--------------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Naphthalene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Propylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Styrene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Tetrachloroethene | 0.177 | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Toluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl acetate | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl chloride | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| o-Xylene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| m,p-Xylenes | ND | | 0.200 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | | <i>101 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Dibromofluoromethane</i> | | | <i>84.5 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Toluene-d8</i> | | | <i>92.6 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |

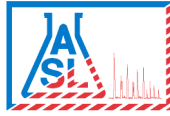
Analytical Results

Client Sample ID: SV2-8

Laboratory Sample ID: 1802119-06 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Acetone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Benzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromodichloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromoform | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromomethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

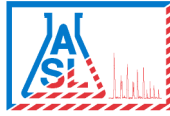
Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results**Client Sample ID: SV2-8****Laboratory Sample ID: 1802119-06 (Air)**

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------|-----------|----------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | | Batch ID: | BB80463 | Prepared: | 02/15/2018 15:30 | | |
| sec-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| tert-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon disulfide | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon tetrachloride | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroform | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromomethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Ethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Hexanone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Isopropylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methylene chloride | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Naphthalene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Propylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
 Reported:
 02/22/2018 16:57

Analytical Results

Client Sample ID: SV2-8

Laboratory Sample ID: 1802119-06 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Styrene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Tetrachloroethene | 0.112 | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Toluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichloroethene | 0.248 | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl acetate | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl chloride | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| o-Xylene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| m,p-Xylenes | ND | | 0.200 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Surrogate: 4-Bromofluorobenzene | | | 98.5 % | | 70-120 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Surrogate: Dibromofluoromethane | | | 100 % | | 70-120 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Surrogate: Toluene-d8 | | | 92.4 % | | 70-120 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

Analytical Results

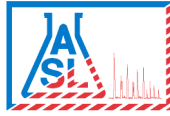
Client Sample ID: SV2-14

Laboratory Sample ID: 1802119-07 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Acetone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Benzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromodichloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromoform | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromomethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| sec-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| tert-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Wendy Lu, Laboratory Supervisor



Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

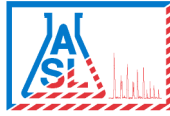
Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results**Client Sample ID: SV2-14****Laboratory Sample ID: 1802119-07 (Air)**

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Carbon disulfide | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon tetrachloride | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroform | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromomethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Ethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Hexanone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Isopropylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methylene chloride | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Naphthalene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Propylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Styrene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results

Client Sample ID: SV2-14

Laboratory Sample ID: 1802119-07 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|--|--------------|-------|-------------------|---------------|----------------------------|---------------------|------------------|---------|--------------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Tetrachloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Toluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichloroethene | 0.100 | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl acetate | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl chloride | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| o-Xylene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| m,p-Xylenes | ND | | 0.200 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | | <i>103 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Dibromofluoromethane</i> | | | <i>92.8 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Toluene-d8</i> | | | <i>92.3 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |

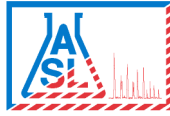
Analytical Results

Client Sample ID: SV3-8

Laboratory Sample ID: 1802119-08 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Acetone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Benzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromodichloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromoform | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromomethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| sec-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| tert-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon disulfide | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon tetrachloride | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

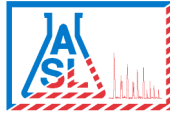
Analytical Results

Client Sample ID: SV3-8

Laboratory Sample ID: 1802119-08 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| Chlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chloroethyl vinyl ether | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroform | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromomethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Ethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Hexanone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Isopropylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methylene chloride | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Naphthalene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Propylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Styrene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Tetrachloroethene | 0.651 | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Analytical Results

Client Sample ID: SV3-8

Laboratory Sample ID: 1802119-08 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------|----------------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | | Prepared: 02/15/2018 15:30 | | | |
| Toluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl acetate | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl chloride | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| o-Xylene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| m,p-Xylenes | ND | | 0.200 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Surrogate: 4-Bromofluorobenzene | | | 98.4 % | | 70-120 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Surrogate: Dibromofluoromethane | | | 93.6 % | | 70-120 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Surrogate: Toluene-d8 | | | 94.1 % | | 70-120 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

Analytical Results

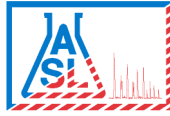
Client Sample ID: SV3-14

Laboratory Sample ID: 1802119-09 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------|----------------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | | Prepared: 02/15/2018 15:30 | | | |
| Acetone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Benzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromodichloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromoform | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Bromomethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Butanone (MEK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| sec-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| tert-Butylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon disulfide | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Carbon tetrachloride | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Wendy Lu, Laboratory Supervisor



Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
 Reported:
 02/22/2018 16:57

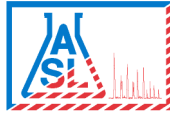
Analytical Results

Client Sample ID: SV3-14

Laboratory Sample ID: 1802119-09 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|-----------------------------------|--------|-------|-------------------|-------|----------------------------|---------------------|------------------|---------|--------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| 2-Chloroethyl vinyl ether | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloroform | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Chloromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Chlorotoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromo-3-chloropropane | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromochloromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dibromoethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dibromomethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,4-Dichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Dichlorodifluoromethane | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,2-Dichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2,2-Dichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| cis-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| trans-1,3-Dichloropropene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Ethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Hexachlorobutadiene | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 2-Hexanone | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Isopropylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| p-Isopropyltoluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methyl tert-Butyl Ether (MTBE) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 4-Methyl-2-pentanone (MIBK) | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Methylene chloride | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Naphthalene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| n-Propylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Styrene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2,2-Tetrachloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Tetrachloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Toluene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

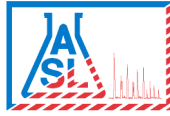
Analytical Results

Client Sample ID: SV3-14

Laboratory Sample ID: 1802119-09 (Air)

| Analyte | Result | Notes | PQL | Units | Dilution | Prep Method | Analyzed | Analyst | Method |
|--|--------|-------|-------------------|---------------|----------------------------|---------------------|------------------|---------|--------------|
| Volatile Organic Compounds | | | Batch ID: BB80463 | | Prepared: 02/15/2018 15:30 | | | | |
| 1,2,4-Trichlorobenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,1-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,1,2-Trichloroethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichloroethene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Trichlorofluoromethane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,3-Trichloropropane | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,2,4- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| 1,3,5- Trimethylbenzene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl acetate | ND | | 0.500 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| Vinyl chloride | ND | | 0.300 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| o-Xylene | ND | | 0.100 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| m,p-Xylenes | ND | | 0.200 | ug/L | 1 | No Prep - Volatiles | 02/15/2018 16:00 | JOI | 8260B |
| <i>Surrogate: 4-Bromofluorobenzene</i> | | | <i>101 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Dibromofluoromethane</i> | | | <i>90.6 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |
| <i>Surrogate: Toluene-d8</i> | | | <i>92.6 %</i> | <i>70-120</i> | | No Prep - Volatiles | 02/15/2018 16:00 | JOI | <i>8260B</i> |

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Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Volatile Organic Compounds - Quality Control Report

| Analyte | Result | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|

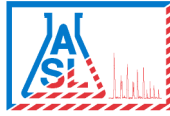
Batch BB80463 - No Prep - Volatiles - 8260B

Blank (BB80463-BLK1)

Prepared & Analyzed: 02/15/201

| | | | |
|-----------------------------|----|-------|------|
| Acetone | ND | 0.500 | ug/L |
| Benzene | ND | 0.100 | " |
| Bromobenzene | ND | 0.100 | " |
| Bromochloromethane | ND | 0.100 | " |
| Bromodichloromethane | ND | 0.100 | " |
| Bromoform | ND | 0.500 | " |
| Bromomethane | ND | 0.300 | " |
| 2-Butanone (MEK) | ND | 0.500 | " |
| n-Butylbenzene | ND | 0.100 | " |
| sec-Butylbenzene | ND | 0.100 | " |
| tert-Butylbenzene | ND | 0.100 | " |
| Carbon disulfide | ND | 0.100 | " |
| Carbon tetrachloride | ND | 0.100 | " |
| Chlorobenzene | ND | 0.100 | " |
| Chloroethane | ND | 0.300 | " |
| 2-Chloroethyl vinyl ether | ND | 0.500 | " |
| Chloroform | ND | 0.100 | " |
| Chloromethane | ND | 0.300 | " |
| 4-Chlorotoluene | ND | 0.100 | " |
| 2-Chlorotoluene | ND | 0.100 | " |
| 1,2-Dibromo-3-chloropropane | ND | 0.500 | " |
| Dibromochloromethane | ND | 0.100 | " |
| 1,2-Dibromoethane | ND | 0.100 | " |
| Dibromomethane | ND | 0.100 | " |
| 1,2-Dichlorobenzene | ND | 0.100 | " |
| 1,3-Dichlorobenzene | ND | 0.100 | " |
| 1,4-Dichlorobenzene | ND | 0.100 | " |
| Dichlorodifluoromethane | ND | 0.300 | " |
| 1,1-Dichloroethane | ND | 0.100 | " |
| 1,2-Dichloroethane | ND | 0.100 | " |
| 1,1-Dichloroethene | ND | 0.100 | " |
| cis-1,2-Dichloroethene | ND | 0.100 | " |
| trans-1,2-Dichloroethene | ND | 0.100 | " |
| 1,2-Dichloropropane | ND | 0.100 | " |
| 1,3-Dichloropropane | ND | 0.100 | " |
| 2,2-Dichloropropane | ND | 0.100 | " |
| 1,1-Dichloropropene | ND | 0.100 | " |
| cis-1,3-Dichloropropene | ND | 0.100 | " |
| trans-1,3-Dichloropropene | ND | 0.100 | " |
| Ethylbenzene | ND | 0.100 | " |

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Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
 02/22/2018 16:57

Volatile Organic Compounds - Quality Control Report

| Analyte | Result | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch BB80463 - No Prep - Volatiles - 8260B

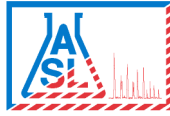
Blank (BB80463-BLK1)

Prepared & Analyzed: 02/15/201

| | | | | | | | | | | |
|---------------------------------|------|-------|------|------|--|------|--------|--|--|--|
| Hexachlorobutadiene | ND | 0.300 | ug/L | | | | | | | |
| 2-Hexanone | ND | 0.500 | " | | | | | | | |
| Isopropylbenzene | ND | 0.100 | " | | | | | | | |
| p-Isopropyltoluene | ND | 0.100 | " | | | | | | | |
| Methyl tert-Butyl Ether (MTBE) | ND | 0.500 | " | | | | | | | |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.500 | " | | | | | | | |
| Methylene chloride | ND | 0.500 | " | | | | | | | |
| Naphthalene | ND | 0.100 | " | | | | | | | |
| n-Propylbenzene | ND | 0.100 | " | | | | | | | |
| Styrene | ND | 0.100 | " | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.100 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.100 | " | | | | | | | |
| Tetrachloroethene | ND | 0.100 | " | | | | | | | |
| Toluene | ND | 0.100 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 0.100 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.100 | " | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.100 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.100 | " | | | | | | | |
| Trichloroethene | ND | 0.100 | " | | | | | | | |
| Trichlorofluoromethane | ND | 0.100 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 0.100 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.100 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.100 | " | | | | | | | |
| Vinyl acetate | ND | 0.500 | " | | | | | | | |
| Vinyl chloride | ND | 0.300 | " | | | | | | | |
| o-Xylene | ND | 0.100 | " | | | | | | | |
| m,p-Xylenes | ND | 0.200 | " | | | | | | | |
| Surrogate: 4-Bromofluorobenzene | 51.4 | | " | 50.0 | | 103 | 70-120 | | | |
| Surrogate: Dibromofluoromethane | 47.6 | | " | 50.0 | | 95.1 | 70-120 | | | |
| Surrogate: Toluene-d8 | 47.0 | | " | 50.0 | | 93.9 | 70-120 | | | |

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Wendy Lu, Laboratory Supervisor



Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Volatile Organic Compounds - Quality Control Report

| Analyte | Result | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch BB80463 - No Prep - Volatiles - 8260B

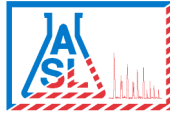
| Matrix Spike (BB80463-MS1) | Source: 1802119-04 | | | Prepared & Analyzed: 02/15/201 | | | | | | |
|---------------------------------|--------------------|--|------|--------------------------------|--------|------|--------|--|--|--|
| Benzene | 50.8 | | ug/L | 50.0 | 0.0300 | 101 | 75-120 | | | |
| Chlorobenzene | 54.2 | | " | 50.0 | 0.00 | 108 | 75-120 | | | |
| 1,1-Dichloroethene | 39.9 | | " | 50.0 | 0.00 | 79.8 | 75-120 | | | |
| Toluene | 50.6 | | " | 50.0 | 0.0420 | 101 | 75-120 | | | |
| Trichloroethene | 56.5 | | " | 50.0 | 0.00 | 113 | 75-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 52.7 | | " | 50.0 | | 105 | 70-120 | | | |
| Surrogate: Dibromofluoromethane | 51.3 | | " | 50.0 | | 103 | 70-120 | | | |
| Surrogate: Toluene-d8 | 46.5 | | " | 50.0 | | 93.0 | 70-120 | | | |

| Matrix Spike Dup (BB80463-MSD1) | Source: 1802119-04 | | | Prepared & Analyzed: 02/15/201 | | | | | | |
|---------------------------------|--------------------|--|------|--------------------------------|--------|------|--------|------|----|--|
| Benzene | 48.4 | | ug/L | 50.0 | 0.0300 | 96.8 | 75-120 | 4.64 | 15 | |
| Chlorobenzene | 53.1 | | " | 50.0 | 0.00 | 106 | 75-120 | 1.98 | 15 | |
| 1,1-Dichloroethene | 38.6 | | " | 50.0 | 0.00 | 77.2 | 75-120 | 3.24 | 15 | |
| Toluene | 48.1 | | " | 50.0 | 0.0420 | 96.2 | 75-120 | 5.04 | 15 | |
| Trichloroethene | 54.8 | | " | 50.0 | 0.00 | 110 | 75-120 | 3.02 | 15 | |
| Surrogate: 4-Bromofluorobenzene | 52.0 | | " | 50.0 | | 104 | 70-120 | | | |
| Surrogate: Dibromofluoromethane | 50.1 | | " | 50.0 | | 100 | 70-120 | | | |
| Surrogate: Toluene-d8 | 45.7 | | " | 50.0 | | 91.4 | 70-120 | | | |

Batch BB80483 - 5030B - 8260B

| Blank (BB80483-BLK1) | Prepared & Analyzed: 02/16/201 | | | | | | | | | |
|---------------------------|--------------------------------|------|------|--|--|--|--|--|--|--|
| Acetone | ND | 5.00 | ug/L | | | | | | | |
| Benzene | ND | 1.00 | " | | | | | | | |
| Bromobenzene | ND | 1.00 | " | | | | | | | |
| Bromochloromethane | ND | 1.00 | " | | | | | | | |
| Bromodichloromethane | ND | 1.00 | " | | | | | | | |
| Bromoform | ND | 5.00 | " | | | | | | | |
| Bromomethane | ND | 3.00 | " | | | | | | | |
| 2-Butanone (MEK) | ND | 5.00 | " | | | | | | | |
| n-Butylbenzene | ND | 1.00 | " | | | | | | | |
| sec-Butylbenzene | ND | 1.00 | " | | | | | | | |
| tert-Butylbenzene | ND | 1.00 | " | | | | | | | |
| Carbon disulfide | ND | 1.00 | " | | | | | | | |
| Carbon tetrachloride | ND | 1.00 | " | | | | | | | |
| Chlorobenzene | ND | 1.00 | " | | | | | | | |
| Chloroethane | ND | 3.00 | " | | | | | | | |
| 2-Chloroethyl vinyl ether | ND | 5.00 | " | | | | | | | |
| Chloroform | ND | 1.00 | " | | | | | | | |
| Chloromethane | ND | 3.00 | " | | | | | | | |
| 4-Chlorotoluene | ND | 1.00 | " | | | | | | | |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Citadel Environmental Services, Inc.
 1725 Victory Boulevard
 Glendale CA, 91201

Project: Limited Phase II
 Project Number: 1234.1001.0
 Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
 02/22/2018 16:57

Volatile Organic Compounds - Quality Control Report

| Analyte | Result | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch BB80483 - 5030B - 8260B

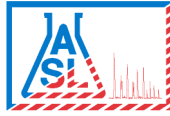
Blank (BB80483-BLK1)

Prepared & Analyzed: 02/16/201

| | | | | | | | | | | |
|--------------------------------|----|------|------|--|--|--|--|--|--|--|
| 2-Chlorotoluene | ND | 1.00 | ug/L | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.00 | " | | | | | | | |
| Dibromochloromethane | ND | 1.00 | " | | | | | | | |
| 1,2-Dibromoethane | ND | 1.00 | " | | | | | | | |
| Dibromomethane | ND | 1.00 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1.00 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.00 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.00 | " | | | | | | | |
| Dichlorodifluoromethane | ND | 3.00 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 1.00 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 1.00 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 1.00 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.00 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.00 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 1.00 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 1.00 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 1.00 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 1.00 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.00 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.00 | " | | | | | | | |
| Ethylbenzene | ND | 1.00 | " | | | | | | | |
| Hexachlorobutadiene | ND | 3.00 | " | | | | | | | |
| 2-Hexanone | ND | 5.00 | " | | | | | | | |
| Isopropylbenzene | ND | 1.00 | " | | | | | | | |
| p-Isopropyltoluene | ND | 1.00 | " | | | | | | | |
| Methyl tert-Butyl Ether (MTBE) | ND | 2.00 | " | | | | | | | |
| 4-Methyl-2-pentanone (MIBK) | ND | 5.00 | " | | | | | | | |
| Methylene chloride | ND | 5.00 | " | | | | | | | |
| Naphthalene | ND | 1.00 | " | | | | | | | |
| n-Propylbenzene | ND | 1.00 | " | | | | | | | |
| Styrene | ND | 2.00 | " | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.00 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.00 | " | | | | | | | |
| Tetrachloroethene | ND | 1.00 | " | | | | | | | |
| Toluene | ND | 1.00 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 1.00 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 1.00 | " | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.00 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.00 | " | | | | | | | |
| Trichloroethene | ND | 1.00 | " | | | | | | | |
| Trichlorofluoromethane | ND | 1.00 | " | | | | | | | |

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Wendy Lu, Laboratory Supervisor



Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Volatile Organic Compounds - Quality Control Report

| Analyte | Result | PQL | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch BB80483 - 5030B - 8260B

Blank (BB80483-BLK1)

Prepared & Analyzed: 02/16/201

| | | | | | | | | | | |
|---------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,3-Trichloropropane | ND | 1.00 | ug/L | | | | | | | |
| 1,2,4- Trimethylbenzene | ND | 1.00 | " | | | | | | | |
| 1,3,5- Trimethylbenzene | ND | 1.00 | " | | | | | | | |
| Vinyl acetate | ND | 5.00 | " | | | | | | | |
| Vinyl chloride | ND | 3.00 | " | | | | | | | |
| o-Xylene | ND | 1.00 | " | | | | | | | |
| m,p-Xylenes | ND | 2.00 | " | | | | | | | |
| Surrogate: 4-Bromofluorobenzene | 58.4 | | " | 50.0 | | 117 | 70-120 | | | |
| Surrogate: Dibromofluoromethane | 50.4 | | " | 50.0 | | 101 | 70-120 | | | |
| Surrogate: Toluene-d8 | 50.0 | | " | 50.0 | | 99.9 | 70-120 | | | |

Matrix Spike (BB80483-MS1)

Source: 1802119-01

Prepared & Analyzed: 02/16/201

| | | | | | | | | | | |
|---------------------------------|------|--|------|------|-------|------|--------|--|--|--|
| Benzene | 55.6 | | ug/L | 50.0 | 0.190 | 111 | 75-120 | | | |
| Chlorobenzene | 51.8 | | " | 50.0 | 0.00 | 104 | 75-120 | | | |
| 1,1-Dichloroethene | 45.4 | | " | 50.0 | 0.00 | 90.8 | 75-120 | | | |
| Methyl tert-Butyl Ether (MTBE) | 58.3 | | " | 50.0 | 0.00 | 117 | 75-120 | | | |
| Toluene | 55.1 | | " | 50.0 | 0.300 | 110 | 75-120 | | | |
| Trichloroethene | 50.3 | | " | 50.0 | 3.36 | 94.0 | 75-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 54.9 | | " | 50.0 | | 110 | 70-120 | | | |
| Surrogate: Dibromofluoromethane | 56.7 | | " | 50.0 | | 113 | 70-120 | | | |
| Surrogate: Toluene-d8 | 51.7 | | " | 50.0 | | 103 | 70-120 | | | |

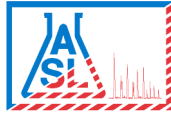
Matrix Spike Dup (BB80483-MSD1)

Source: 1802119-01

Prepared & Analyzed: 02/16/201

| | | | | | | | | | | |
|---------------------------------|------|--|------|------|-------|------|--------|-------|----|--|
| Benzene | 56.1 | | ug/L | 50.0 | 0.190 | 112 | 75-120 | 0.788 | 15 | |
| Chlorobenzene | 53.0 | | " | 50.0 | 0.00 | 106 | 75-120 | 2.41 | 15 | |
| 1,1-Dichloroethene | 45.7 | | " | 50.0 | 0.00 | 91.4 | 75-120 | 0.637 | 15 | |
| Methyl tert-Butyl Ether (MTBE) | 59.2 | | " | 50.0 | 0.00 | 118 | 75-120 | 1.60 | 15 | |
| Toluene | 55.7 | | " | 50.0 | 0.300 | 111 | 75-120 | 1.12 | 15 | |
| Trichloroethene | 51.9 | | " | 50.0 | 3.36 | 97.1 | 75-120 | 3.09 | 15 | |
| Surrogate: 4-Bromofluorobenzene | 56.8 | | " | 50.0 | | 114 | 70-120 | | | |
| Surrogate: Dibromofluoromethane | 55.6 | | " | 50.0 | | 111 | 70-120 | | | |
| Surrogate: Toluene-d8 | 52.5 | | " | 50.0 | | 105 | 70-120 | | | |

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AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

Citadel Environmental Services, Inc.
1725 Victory Boulevard
Glendale CA, 91201

Project: Limited Phase II
Project Number: 1234.1001.0
Project Manager: Michael Pendergrass

Work Order No: 1802119
Reported:
02/22/2018 16:57

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference