

**Appendix F:
Hazards Supporting Reports**

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F.1 - 18004139—Airway Industrial Building—ESA—REV 10-18-18

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September 26, 2018

Mr. Steve Millen
c/o Mr. Dale Camera
Senior Vice President
Lee & Associates/Irvine
9838 Research Drive
Irvine, CA 92618

Re: Phase I Environmental Site Assessment
Airway Industrial Building
3175 Airway Avenue
Costa Mesa, CA 92626
Project No. 18004139

Dear Mr. Camera:

In accordance with our accepted proposal, AES performed a walk-through survey of the above-referenced property on September 25, 2018. An electronic copy of the report is provided for your use. AES Due Diligence, Inc. is not affiliated with the client or any other parties to this transaction.

We appreciate the opportunity to provide consulting services to you. If you have any questions, please contact Richard E. Darwicki at our Orange County Regional office at (714) 996-7395 or our Corporate Office at (858) 569-0211.

Very truly yours,

AES DUE DILIGENCE, INC.

Robert Presta, MBA, President
Registered Environmental Assessor in the former EPA Program

RP:RED/lo

Enclosures

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prepared for
Mr. Steve Millen
and
Lee & Associates/Irvine



Phase I Environmental Site Assessment

3175 Airway Avenue
Costa Mesa, CA 92626
September 26, 2018

Prepared by
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ATTACHMENTS

Site Plan
Vicinity Map
Site Photographs
Building Permit
EDR Database Report (Please see copy on CD)
City Directory Abstract (Please see copy on CD)
Vapor Encroachment Screen (Please see copy on CD)
Historic USGS Topographic Maps
Aerial Photographs
GeoTracker Map
Certificate of Insurance
Professional Profiles

EXECUTIVE SUMMARY

Airway Industrial Building
 3175 Airway Avenue
 Costa Mesa, CA 92626
 Project No. 18004139

ISSUE	ENVIRONMENTAL CONDITION IDENTIFIED						ASSESSMENT				
	NONE	REC	BER	CREC	HREC	de mini mis	ACCEPTABLE	O&M	PHASE 2	PHASE 3	COST
Historic Use	X						X				
UST/AST	X						X				
Chemical Use, Storage or Disposal	X						X				
Waste Storage or Disposal	X						X				
PCBs	X						X				
Environmental Records Review	X						X				
REC on Adjoining Property	X						X				
Stains or Odors	X						X				
Solid Waste or Fill	X						X				
Septic Fields, Wells or Drywells	X						X				
Pits, Ponds, Lagoons	X						X				
Vapor Encroachment	X						X				
NON-SCOPE CONSIDERATIONS											
Asbestos			X					X			\$400
Lead Based Paint	X					X	X				
Lead in Water	X						X				
Mold	X						X				
Wetlands	X						X				
Radon	X						X				

I IDENTIFICATION

Subject Site:	Airway Industrial Building
Location:	3175 Airway Avenue and 365 McCormick Avenue Costa Mesa, CA 92626
Observation Date:	September 25, 2018
Site Contact:	Mr. Ray Garcia (714) 426-0590
Client:	Mr. Steve Millen
Reliance:	This Report is for the exclusive use of Mr. Steve Millen and Lee & Associates/Irvine. No other party shall have the right to rely on any service provided by AES Due Diligence, Inc. without prior written consent.

Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:

Richard E. Darwicki
Registered Environmental Assessor in the former EPA Program



Reviewed by:

Timothy K. Dahlstrand
Managing Director of Environmental Services



Reviewed by:

Stephen J. Baker
California Registered Geologist – California License # 4354



II OBJECTIVE AND SCOPE

Objective

The purpose of this Phase I Environmental Site Assessment is to identify recognized environmental conditions that may have an impact on the subject site, using readily available sources of information, interviews and field observations. It is our understanding the Client intends to acquire the site.

Procedures

This Assessment is a Phase I Environmental Site Assessment (ESA) for the improvements located at 3175 Airway Avenue in Costa Mesa, CA 92626, performed in general accordance with ASTM Designation E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and following the Scope of Work outlined in AES Due Diligence, Inc.'s proposal. AES Due Diligence, Inc. (AES) conducted on-site observations on September 25, 2018, interviewed site operations personnel and observed adjacent properties. Environmental Data Resources, Inc. (EDR) conducted database searches following ASTM guidelines. Such searches are generally limited to a radius of one mile from the subject site. Additionally, ASTM Non-Scope items are addressed in this Assessment, including Asbestos, Lead-Based Paint, Radon Gas, Mold, Wetlands and Lead in Drinking Water. No testing was conducted for ASTM Non-Scope items.

Limitations

The purpose of the Phase I ESA of the site is to address the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. If requested by the Client, certain non-scope business environmental risks are addressed in the Assessment. The Phase I ESA is intended to allow the Client to satisfy one of the requirements to qualify for the innocent landowner defense, contiguous property Owner or bonafide prospective purchaser limitations on CERCLA liability: i.e. the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35)(B). The Phase I ESA does not address whether requirements in addition to appropriate inquiry were met in order to qualify for CERCLA's innocent landowner defense.

The objectives of the Phase I ESA are as follows:

1. Evaluate if recognized environmental conditions (REC), controlled recognized environmental conditions (CREC), historic recognized environmental conditions (HREC) or *de minimis* environmental conditions are present on the site.
2. Provide sufficient documentation of sources, records and resources utilized in conducting the Phase I ESA.

3. Prepare a professional opinion regarding the presence of RECs at the site.

Special Terms and Conditions

The Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the site.

A Phase I ESA attempts to identify the environmental conditions of the site and vicinity. Environmental conditions and regulations are subject to change and re-interpretation. Current conditions or regulatory requirements should not be assumed to continue to represent conditions at some future time. This Assessment represents AES's professional judgments and opinions based on information presented in this Assessment and no warranty, either expressed or implied, are contained herein.

Limitations and Exceptions of Assessment

The surface conditions of the site were noted by visual observations or information obtained during interviews. No physical testing, soil/groundwater sampling or laboratory analysis was included unless otherwise noted in the Assessment.

The executive summary was prepared for the convenience of the users of this Assessment. This summary does not contain all the information presented in this Assessment and, therefore, the entire Assessment should be read to assure all pertinent information is transmitted.

AES performed the Phase I ESA of the site in substantial conformance with the scope and limitations of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* unless otherwise noted in the Assessment. Certain environmental conditions may exist on a site that are beyond the scope of the Standard but may warrant consideration. Per the Standard, this environmental site assessment is presumed to be valid for a specific time limit as defined in ASTM Designation E-1527-13.

AES utilized the following methods to complete the reconnaissance of the site. AES observed the site and adjoining properties for indicators of existing or potential recognized environmental conditions. The site walkover consisted of walking the site boundary and several transects across the site. For a site with buildings, the accessible areas of the buildings were entered and observed. Please note that AES did not look under floors, above ceilings or inside walls. The adjoining properties were observed from the periphery of the site, if possible. The observations were documented with representative photographs.

The following limiting condition was encountered during the course of the Phase I ESA:

- The questionnaire was not returned.

However, this did not preclude AES from developing an opinion regarding the environmental condition of the site.

Documents

Our Assessment represents our professional experience and judgment, and a good faith effort to obtain all available information. Documents and data provided by the Client, its designated representatives, or other interested parties, and consulted in the preparation of this Assessment, have been reviewed and may be referenced herein, with the understanding that AES assumes no responsibility or liability for their accuracy or for the withholding by any of the involved parties of any assessments or other information that could affect the transaction.

Intended Use

AES Due Diligence, Inc. is not affiliated with the borrower or any other parties to this transaction. This Assessment is intended to be used in its entirety. No portion of it may be deleted or used out of context without the written consent of AES. The opinions and information contained in this Assessment are time sensitive and represent our evaluation of the environmental site conditions at the time the services were provided. This Assessment was prepared for a limited use involving a single transaction, as set forth herein, and may not be used for any other purpose without the written consent of AES.

Proprietary Information

Field data, field notes, and other data and documents assembled by AES to produce this Assessment represent the work product of AES's training, experience and professional skill. This information belongs to and remains the property of AES Due Diligence, Inc.

Definitions

ASTM defines a Recognized Environmental Condition (REC) as “the presence or likely presence of a hazardous substance or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.”

A Controlled Recognized Environmental Condition (CREC) is defined as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, of meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

A Historic Recognized Environmental Condition (HREC) is defined as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

A *de minimis* environmental condition "generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies." Conditions determined to be *de minimis* are not a REC.

Business Environmental Risk (BER) is a risk, which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of the parcel of commercial real estate, not necessarily limited to those environmental issues investigated in this Phase I ESA. Business environmental risk issues may involve addressing one or more non-scope considerations.

III PROPERTY DESCRIPTION

Site Visit and Interviews

On September 25, 2018, AES visited the subject site and reviewed the fixed facility. Mr. Ray Garcia, Customer Service with SS Street Scene, accompanied Richard E. Darwicki of AES during a portion of the site visit.

AES observed the interiors and contents of representative occupied tenant spaces, common areas and maintenance areas and noted operations and activities at the subject site. AES looked for suspect asbestos-containing building materials, stored chemicals, underground and aboveground storage tanks, unusual surface appearance, wetlands and other issues that may indicate environmental conditions on the subject site. AES noted the location of on-site electrical power transformers and storm drainage structures where these were encountered. AES observed sites adjoining the subject site and areas within the immediate vicinity of the subject site.

AES photographed selected features at or near the subject site to support this written Assessment. The photographs are identified, described and appended to this Assessment.

Subject Site

The project is situated on a tract of land estimated to be approximately 1.34 acres. The original improvements were completed in 1973.

According to the EDR Database Report the topography of the site is nearly level and slopes to the north. The site has a maximum surface elevation difference of approximately two feet. Additional slopes are provided around the improvements for storm water drainage. On-site storm water drainage is by sheet flow to catch basins and curb inlets connected to the Costa Mesa storm sewer system.

The parking and driveway areas are asphaltic concrete paved. Entry driveway aprons, rubbish dumpster pads, and public and private sidewalks are concrete paved.

A utility company owned transformer is located in an underground vault at the site. The Southern California Edison Company is the electrical supplier and is responsible for transformer-related incidents. Natural gas service is provided by the Southern California Gas Company. The site is provided with municipal water and sanitary sewer services from buried utilities along the adjacent thoroughfares.

Building

The property has one single-story building with mezzanine offices. The structure is of concrete tilt-up construction. The Owner indicates that there is a total of 29,667 square feet (sf) of net rentable floor area. The site has two warehouse user addresses, 3175 Airway Avenue at the south end and 365 McCormick Avenue at the north end. is occupied by multiple tenants. The original improvements were completed in 1973. The Architect of Record is McLean and Schultz. Construction plans were not provided for review.

The project is an industrial warehouse site built from concrete tilt-up construction supported on a shallow foundation. The exterior walls are composed of precast concrete tilt-up wall panels with painted or textured surfaces. No basements are provided at the project. The roofing consists of a gradient sloped, built-up bituminous roofing system with an elastomeric coating. The building is provided with roof-mounted HVAC units. Heating and cooling are provided by packaged gas-heat/electric cooling HVAC units. The floor treatments within the building vary but typically consist of vinyl tile, sheet vinyl, ceramic tile and/or carpeting. The walls are finished with painted gypsum board with various tenant wall treatments added. The ceilings consist of suspended acoustical tiles or painted/textured gypsum board. Lighting is provided by fluorescent fixtures at the interior. High-intensity discharge (HID) lighting was observed at the exterior of the building and parking area.

Adjoining Properties

Properties immediately adjoining the subject site are listed in the following table. The adjoining properties are located in Costa Mesa, CA 92626.

Adjoining Properties			
Name	Operation	Direction from Site	Concerns
Calliber Collision 350 McCormick Avenue	Auto Repair	Northeast	RCRA Generator
Steve Miller Sports Parts 3176 Airway Avenue	Industrial Uses	Southeast	RCRA Generator
Hajoca Inc. 3170 Airway Avenue	Warehouse Uses	Southeast	RCRA Generator
Viva Life Science 350 Paularino Avenue	Industrial Uses	Southwest	None
SG Homecare 345 McCormick Avenue	Warehouse Uses	Northwest	None

Because of the controlled surface drainage and the predominantly non-hazardous uses on the adjoining properties, they do not, in our opinion, pose a significant environmental risk to the subject site. The above referenced sites with environmental concerns are discussed in the Environmental Records Review section of this Report.

Vicinity

AES observed other properties located near the subject site for current uses or conditions that might be environmentally significant. The local area properties observed by AES did not appear to be engaged in environmentally significant activities.

Topography and Hydrogeology

AES reviewed the United States Geological Survey (USGS) Topographic Map, which indicates that the subject site is approximately 47 feet above mean sea level. AES observed that the general drainage flows in a northerly direction across the surface of the site. No substantial grade changes appear to have been made to the subject site when compared to the topography of surrounding sites. A copy of the USGS topographic map that covers the subject site is appended.

AES did not observe site grading activities at the site.

Geology and Surficial Soils

According to the EDR Database Report, the subject site is located above Cenozoic era stratified sequence bedrock. The depth to bedrock is unknown.

According to the information obtained through the EDR Database Report, the subject site is located in an area of sandy loam soils. These soil types have low permeability and would be expected to have low susceptibility as a result of surface spreading of wastes, depending upon local soil conditions.

Surface and Ground Water Flow

The regional surface water flows in a northerly direction according to the EDR Database Report. The ground water flow in the area is assumed to be to the north. The depth to ground water is unknown.

IV SITE HISTORY

No prior Environmental Reports were provided to AES for review. AES conducted a limited historical review regarding the subject site. The following summarizes AES's review of readily available historical records and maps gathered from government agencies and commercial enterprises regarding the subject site history and use. This should not be considered a listing of all available information.

Interviews

Mr. Garcia was not aware of the use of the site prior to the construction of the current improvements in 1973.

Building Department Records Review

The building permit was issued on January 3, 1973 and the building was completed approximately three months later. No demolition permit or previous building permits were found. No records of any UST installation or removal were found.

Regulatory Agency File Review

AES filed Freedom of Information Act requests with the City of Costa Mesa.

Aerial Photograph and Historical Map Review

Aerial photographs are reviewed to identify past site use and areas of environmental concern on the subject site. AES has reviewed aerial photographs of the subject site. The photographs were obtained from E Data Resources. Copies of the aerial photographs that were obtained and reviewed by AES are appended. Please see chart below for the specific dates and description summary.

Beginning in the 1860s, the Sanborn Fire Insurance Company, and others, prepared maps that depict site improvements and commercial activities in many metropolitan areas in the United States. AES attempted to obtain fire insurance maps, specific to the site, to review as part of this Phase I Environmental Site Assessment. According to EDR, no Sanborn Maps were produced for this site.

Historical maps provide information concerning historical site boundaries and improvements. Historic Topographic Maps were reviewed for the site; please see the chart below for enumeration of years and findings.

The historical maps reviewed were obtained from EDR and are appended.

Site History Summary		
Date	Record Type	Land Use
1896	Historical Topographic Map	Undeveloped land
1901	Historical Topographic Map	Undeveloped land
1902	Historical Topographic Map	Undeveloped land
1935	Historical Topographic Map	Undeveloped land
1938	Aerial Photograph	Agricultural uses
194	Historical Topographic Map	Undeveloped land
1942	Historical Topographic Map	Undeveloped land
1946	Aerial Photograph	Agricultural uses
195	Historical Topographic Map	Undeveloped land
1952	Aerial Photograph	Agricultural uses
1963	Aerial Photograph	Agricultural uses
1965	Historical Topographic Map	Undeveloped land
1972	Aerial Photograph	Graded land
1972	Historical Topographic Map	Vacant land, adjacent buildings developed
1975	City Directories	Flare Imports and All Coast Trading
1977	Aerial Photograph	Current structures
1981	Historical Topographic Map	Current structures
1985	Aerial Photograph	Current structures
1989	Aerial Photograph	Current structures
1990	Aerial Photograph	Current structures
1994	Aerial Photograph	Current structures
2005	Aerial Photograph	Current structures
2009	Aerial Photograph	Current structures
2012	Aerial Photograph	Current structures
2012	Historical Topographic Map	EDR Topo
2016	Aerial Photograph	Current structures

Based on AES's interpretation of the available documentation noted above the first developed and historic site use was primarily undeveloped or agricultural land. No evidence of long-term fill activity, surface scarring, staining or other issues of environmental concern were visible in the aerial photographs during the review process.

Directories

City directories provide information concerning historical site ownership and use. City Directories were reviewed for the years 1920 through 2014 and no significant listings were noted. The first listings at the subject address are in 1975 for warehouse uses. A copy of the City Directory Abstract is appended.

Title Records Review

A title records review, or chain-of-title, can be used to identify prior ownership of a property and to evaluate previous activities or operations in terms of environmental significance. Significant easements, covenants, restrictions and environmental liens may be indicated in title records. A chain-of-title regarding the subject site was not provided to AES for review as part of this Phase I Environmental Site Assessment.

Document Review

No documents were provided for review.

Data Gaps

The history and land use of the subject site has been determined by review of available historical aerial photographs, city directories, old topographic maps, personal interviews, public agency records, and other available resources. This history has been extended back as far as "it can be shown that the property contained structures or from the time the property was first used for residential, agricultural, commercial, industrial or governmental purposes." Necessary and available historical resources (aerial photographs, fire insurance maps, USGS topographic maps, historical city directories, building department records, zoning/land use records, interviews, etc.) were reviewed to establish a thorough land use history in order to identify historical environmental conditions. The following is a list of data gaps (insufficient data) and associated potential environmental significance:

No Data Gaps (insufficient data) other than the Environmental Questionnaire not being returned to AES were identified.

V ENVIRONMENTAL SITE ASSESSMENT

Fixed Facilities Review

The improvements observed by AES on September 25, 2018, were reported to have been completed in 1973. Minor repair activities to meet maintenance requirements and tenant needs are ongoing. No recent improvements have been made, according to Mr. Garcia.

Mr. Garcia stated that landscape maintenance services are performed by outside contractors. No landscape equipment is stored on the subject site. Neither automotive nor landscape equipment is maintained at the subject site.

Site Tenant Activities

AES reviewed the current tenant for operations that may use regulated materials or generate waste products. AES observed the accessible interior and exterior common areas and maintenance areas. The site is occupied by multiple tenants and is fully leased. The office area at the south end did not appear to be in use.

AES confirmed the nature of tenant activities in the building, which primarily consist of dry storage warehouse uses. AES entered and observed the activities at sample areas of the building, including: warehouse areas, offices and restrooms. Also visited were common areas, mechanical rooms and the roof.

Upon review of the activities at the above locations, AES found no specific environmental concerns regarding these operations.

On-Site Chemical and Petroleum Product Storage

AES looked for chemicals, hazardous substances, petroleum-based fuels and lubricants, and janitorial and cleaning supplies stored on the subject site. No other chemicals or hazardous substances were observed on the subject site other than shelf quantities of commonly available janitorial and cleaning supplies.

Waste Disposal Practices

AES identified the current wastes generated at the subject site. According to Mr. Garcia and AES's observations, general and recycled wastes are disposed of from the subject site. Areas of waste storage appeared to be well kept and free of debris.

General wastes are collected, placed in a dumpster, removed from the subject site on an as-needed basis, and disposed of by Waste Disposal.

Underground and Aboveground Storage Tanks

Owners and operators of certain USTs are required to register those USTs with the state agency responsible for administering the federally mandated UST program. A search of the list of registered USTs in California, prepared by EDR, showed that there are no registered USTs located on the subject site.

AES interviewed Mr. Garcia regarding the presence of USTs and ASTs on the subject site. Mr. Garcia stated that there are no registered USTs and no registered ASTs located on the subject site. There are no records of USTs and no records of ASTs on the subject site.

AES interviewed Mr. Garcia regarding the past use of heating fuels on the subject site to ascertain whether USTs or ASTs may have been utilized on site for the storage of heating fuels or oils. Mr. Garcia stated that to his knowledge the improvements have always been heated by natural gas. AES's observations confirmed the nature of the current heating systems at the subject site.

AES visually observed the subject site for surficial evidence of USTs and ASTs. AES did not observe evidence of USTs or ASTs at the subject site.

Polychlorinated Biphenyls (PCBs)

Federal regulations put into effect following the Toxic Substances Control Act (TSCA) require that electrical transformers be labeled to identify their PCB content. Manufacture and distribution of PCBs was banned in 1979. Transformer owners are responsible for compliance with all applicable regulations governing those transformers, including maintenance of the transformer and any remediation work resulting from a transformer-related incident.

A utility company owned transformer is located in an underground vault at the south end of the site. The observed electrical transformers appeared to be in good condition with no visible leaks. AES did not observe any labels on the electrical transformers identifying the PCB content.

Based on utility ownership and no observed leaks, AES recommends no further action with regard to PCBs in transformers.

Exterior Surface Condition

AES observed the exterior surface of the subject site. It is estimated that 96% of the subject site surface was covered by improvements and pavement. AES's observation of the site soil surfaces was therefore limited to the landscaped areas.

None of the historical documentation reviewed, indicated that the subject site was previously utilized as a quarry and/or solid waste disposal facility.

No pits, ponds or lagoons were observed at the subject site during the site visit. No areas of distressed or dead vegetation, surface depressions or surface stains attributed to chronic leaks or spills were observed during the site visit.

Interior Surface Condition

AES observed portions of the interior surfaces of the building for evidence of unusual conditions. We found no evidence of unusual conditions in the areas we observed.

Vapor Encroachment Condition (VEC)

A Vapor Encroachment Screening was performed for the subject site following the guidelines of ASTM E2600-15, Tier 1 Vapor Encroachment Screening. The screening consists of an initial search of all standard government record databases and EDR's proprietary historical records related to former dry cleaners, gas stations and manufactured gas plants within the 1/3-mile radius (default Area of Concern-AOC). Based on local ground water flow direction knowledge, AES reduced the AOC by the Buonicore Method. Individual facilities within the remaining AOC were evaluated.

Based on this evaluation, a VEC can be ruled out because a VEC does not exist or is not likely to exist.

VI DATABASE RECORDS REVIEW

Environmental Records Review

An environmental records database search report dated September 18, 2018, was provided by Environmental Data Resources (EDR). A copy of EDR's report is appended. The following discussion excerpts specific items from the report that deserve additional description.

In addition to the mapped sites in the EDR report, there may also be a list of unmapped sites. These are reported database sites that, due to incomplete addressing information, could not be accurately plotted by EDR. In an attempt to locate all unmappable sites, AES compared each address provided on the unmappable site list to known addresses of the site and vicinity and attempted to locate unmappable sites during reconnaissance of the vicinity. AES concludes that no unmappable sites were identified that meet the search radius criteria of the scope of work and are considered to be environmentally significant to the subject site.

Superfund Enterprise Management System (SEMS) – Formerly Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Since 1982, the U.S. EPA has maintained lists of contaminated sites under the federal Superfund Program in accord with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The U.S. EPA discovers these sites from citizen reports, routine inspection of hazardous waste generators, treatment, storage and disposal facilities, and reporting requirements.

Superfund Enterprise Management System (SEMS) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Review of the SEMS list provided by EDR identifies only one SEMS site listed within the ASTM standard minimum search distance of one-half mile from the subject site. There are no SEMS facilities on the subject site or adjoining properties.

SEMS Sites					
Facility ID No.	Facility Name and Address	Location			Regulatory History and Current Status
		Distance	Direction	Gradient	
904275	Western Digital Corp. 3128 Redhill Ave.	0.31 mi.	WSW	Cross	NFRAP-Site does not qualify for the NPL

The above referenced SEMS facility was evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Federal CERCLIS-NFRAP List (SEMS Archive)

CERCLA sites designated No Further Remedial Action Planned (NFRAP) have been removed from CERCLIS. CERC-NFRAP sites may be where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the National Priorities List (NPL), or the contamination was not serious enough to require Federal Superfund action or NPL consideration. CERCLIS-NFRAP sites, however, may continue to represent a concern to local or state regulators. CERCLIS-NFRAP was renamed to SEMS Archive by the EPA in 2015.

Review of the SEMS Archive list provided by EDR identifies only one SEMS Archive site listed within the ASTM standard minimum search distance of one-half mile from the subject site. There are no SEMS Archive facilities on the subject site.

SEMS Archive Sites					
Facility ID No.	Facility Name and Address	Location			Regulatory History and Current Status
		Distance	Direction	Gradient	
900312	MSI Data Corp.	0.252 mi.	SW	Cross	NFRAP-Site does not qualify for the NPL

The above referenced SEMS Archive facility was evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

National Priorities List

The U.S. EPA maintains this list as a subset of CERCLIS, identifying over 1,200 CERCLA sites for priority cleanup under the Superfund Program. Once sites have been designated on the CERCLIS list, the U.S. EPA uses its Hazard Ranking System to determine the potential risks of those sites to human health and the environment. Only the sites that present the greatest risk are added to the NPL, which qualifies the sites to receive CERCLA remedial funding.

Review of the NPL list provided by EDR identifies no NPL sites within the approximate minimum search distance of one mile from the subject site.

RCRA – Generators

The U.S. EPA's RCRA (Resource Conservation and Recovery Act, 42 U.S.C. '6991 *et seq.*) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. Generators are also listed in the FINDS database.

Review of the RCRA LQ-Generator list provided by EDR identifies a total of two RCRA-LQG sites at a lower elevation. There are no RCRA-LQG facilities on the subject site and there are no RCRA-LQG facilities on adjoining properties.

The above referenced RCRA LQ-Generator facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Review of the RCRA SQ-Generator list provided by EDR identifies a total of 11 RCRA-SQG sites listed. There are no RCRA-SQG facilities on the subject site and there are three RCRA-SQG facilities on adjoining properties. There were no violations found on the sites.

The above referenced RCRA SQ-Generator facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

RCRA - Treatment, Storage, Disposal Facilities (TSD)

The Resource Conservation and Recovery Act Information System (RCRIS) is a compilation of selective information on facilities that generate, store, transport, treat or dispose of hazardous waste. Inclusion of a facility on the RCRIS database is not necessarily an indication of an environmental problem.

Review of the RCRIS-TSD list provided by EDR identifies no RCRIS-TSD sites within the approximate minimum search distance of one mile from the subject site.

Emergency Response Notification System (ERNS)

The ERNS is a compilation of reported releases of hazardous substances into the environment. The database contains information from Spill reports made to federal authorities, including the U.S. EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation.

Review of the ERNS list provided by EDR identifies no ERNS listings at the subject site.

Underground Storage Tanks (USTs)

Certain USTs are regulated under the RCRA Act and must be registered with the state agency responsible for administering the UST program. USTs are also listed in the CA FID database. Inclusion of a facility on the UST database is not necessarily an indication of an environmental problem.

Review of the list provided by EDR identifies a total of five sites within a search radius of one-quarter mile. There are no facilities on the subject site and there are no facilities on adjoining properties

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Leaking tanks are discussed in the following section.

Leaking Underground Storage Tanks (LUSTs)

LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. LUSTs are also listed in the CORTESE database.

Review of the list provided by EDR identifies a total of eight facilities within the ASTM standard minimum search distance of one-half mile from the subject site. There are no facilities on the subject site and there are no facilities on adjoining properties. There is one closed case and the remaining facilities are more than one-quarter mile distant or at a lower elevation.

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship, and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

Solid Waste Facilities/Landfills (SWF/LS)

Solid waste records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Review of the list provided by EDR identifies no sites within the approximate minimum search distance of one-half mile from the subject site.

EnviroStor

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

Review of the list provided by EDR identifies a total of 11 sites. There are 11 sites within the ASTM standard minimum search distance of one mile from the subject site. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

DEED (Institutional Controls)

Site Mitigation and Brownfield's Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfield's Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Review of the list provided by EDR identifies no sites within the approximate minimum search distance of one mile from the subject site.

California Hazardous Material Incident Reporting System (CHMIRS)

The California Office of Emergency Services database contains reported information on incidents involving accidental releases or spills of hazardous materials.

Review of the list provided by EDR identifies no listings adjacent to or at the subject site.

Hazardous Waste and Substances Sites List (CORTESE)

The Cal-EPA publishes a listing of potential and confirmed hazardous waste sites throughout the State of California. Under California Government Code Section 65962.5, these sites are submitted to the Cal-EPA by the State Department of Health Services, State Water Resources Control Board, the Integrated Waste Management Board and the Department of Toxic Substances Control.

The database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is a known migration.

Review of the list provided by EDR identifies only one site within the ASTM standard minimum search distance of one-half mile from the subject site. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facility was evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

VCP (Voluntary Cleanup Program)

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Review of the list provided by EDR identifies no listings adjacent to or at the subject site.

Hazardous Waste Information System (HAZNET)

The California Department of Health Services, Toxic Substances Control Division, has developed and maintained lists of hazardous waste generators and hazardous waste treatment, storage and disposal facilities in the State of California, in accordance with the Hazardous Waste Control Law (California Health and Safety Code Section 25100 *et seq.*) And the Hazardous Waste Management Act of 1976 (California Health and Safety Code Section 25179.1 *et seq.*). Inclusion of a facility in the HAZNET list is not necessarily an indication of an environmental problem.

Additionally, the California Health and Safety Code requires all counties to prepare and submit hazardous waste management plans. To assist the counties, the Toxic Substances Control Division maintains lists containing hazardous waste generation and disposal data within each county. The Toxic Substances Control Division has assembled this information from manifest reports required from hazardous waste generators. This database currently lists over 20,000 facilities in the State of California.

Review of the list provided by EDR identifies no listings adjacent to or at the subject site.

Historic USTs

The Hazardous Substance Storage Container Database is a historical listing of former UST sites that are closed and typically not listed with the current UST sites.

Review of the list provided by EDR identifies a total of two sites at a lower elevation. There are no facilities on the subject site and there are no facilities on adjoining properties.

The above referenced facilities were evaluated based on the following criteria: violator status, area geology, gradient relationship and separation distance. Based on this evaluation, and due to their regulated nature, it is believed that this does not represent an environmental concern to the subject site.

EDR Historical Auto Service Stations

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Review of the list provided by EDR identifies no listings adjacent to or at the subject site.

Dry Cleaners and EDR Historical Dry Cleaners

This database provides a list of drycleaner facilities that have EPA ID numbers. These facilities have certain SIC codes including: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; dry cleaning plants, except rugs; carpet and upholstery cleaning; industrial launderers and laundry and garment services.

Review of the list provided by EDR identifies no listings adjacent to or at the subject site.

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, Laundromat, cleaning/laundry, wash & dry etc.

Review of the list provided by EDR identifies no Historical Dry Cleaner listings adjacent to or at the subject site.

Waste Management Unit Database System (WMUDS/SWAT)

The California Integrated Waste Management Board maintains an inventory list of both open as well as closed and inactive solid waste disposal facilities and transfer stations in accordance with the Solid Waste Management and Resource Recovery Act of 1972, California Government Code Section 2.66790(b). Generally, the California Integrated Waste Management Board learns of locations of disposal facilities through permit applications and from local enforcement agencies. The Waste Management Unit Database System is used by the California Water Resources Control Board and the Regional Water Quality Control Boards for program tracking and inventory of waste management units.

Review of the latest WMUDS/SWAT listing identifies no WMUDS/SWAT facilities within the approximate minimum search distance of one-half mile from the subject site.

Manufactured Gas Plants (MGP)

Manufactured Gas Plants produced combustible gas for urban use prior to the widespread use and pipeline distribution of natural gas in the 1950s. The main fuels used in production of this gas were coke, coal and oil; the by-products of this manufacturing process include a variety of tars, sludge and other chemicals. MGP sites tend to have subsurface contamination due to the common practice of disposing of the waste products on site.

Review of the MGP list provided by EDR identifies no MGP sites within the approximate minimum search distance of one mile from the subject site.

US Brownfields

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields.

Review of the list provided by EDR identifies no sites within the approximate minimum search distance of one-half mile from the subject site.

CERCLA Lien Searches

A Federal CERCLA ("Superfund") lien can only exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLA provides information as to the identity of these sites and properties.

Review of the list provided by EDR identifies no listings at the subject site.

In, addition, there are no Federal, State or non-priority liens on the subject property listed in the EDR Database Report or Activity and Use Limitations (AULs) associated with the subject site.

VII ASTM NON-SCOPE ITEMS

Asbestos

In 1977, the U.S. EPA acted to eliminate friable asbestos from building materials. Friable materials are defined as those that can be crushed or reduced to powder by hand pressure. Materials do not have to be damaged to be identified as friable. Additionally, the United States Occupational Safety and Health Administration (OSHA) now requires certain untested materials to be presumed to contain asbestos for buildings constructed prior to 1981.

During the site visit, AES observed reasonably accessible interior areas of the building for the existence and condition of suspect ACM. Construction plans were not provided for review. Asbestos can be identified only by specialized equipment and not by the unaided human eye. The site visit was not intended to be a comprehensive search for all ACM at the subject site.

Based on the construction date of 1973 and our observations, the building is suspect for materials containing asbestos. The suspect materials include: vinyl floor tiles, ceiling materials, drywall materials, and floor or roof mastics. The suspect materials are non-friable and in good condition and can be maintained under an Asbestos Operations and Maintenance (O&M) Plan to maintain the suspect materials in place. Some of the suspect material may be hidden from view under newer finishes during remodeling. AES recommends the implementation of an Asbestos Operations and Maintenance (O&M) Plan.

Prior to any renovation, remodeling or demolition of areas considered to be suspect-ACM, per the EPA's definition, AES recommends that limited testing be performed to determine if asbestos is present on the subject site. Any disturbance of areas considered to be ACM is governed by certain local, state, and/or federal regulations and should not be attempted without contacting the appropriate agency. Additionally, if ACM is to be removed, a qualified, licensed asbestos abatement contractor should be consulted.

Lead Based Paint

In 1978, the Consumer Product Safety Commission banned the use of lead as an additive in paint. During the site visit, accessible areas were observed for evidence of damaged and/or peeling paint. In general, the painted surfaces appeared to be in good condition. Based on the construction date of 1973, and our on-site observations the present building is suspect for containing lead-based paint. As the improvements are used for non-residential purposes, the presence of lead-based paint is considered to be a *de minimis* environmental condition.

Potable Water Supply

The subject site is serviced by a municipally operated, public water system, which is regulated by the Safe Drinking Water Act of 1974. This Act requires that public water supplies be tested for the presence of lead in water. AES contacted the local water utility company, the Mesa Water District, regarding the results of water tests. The utility company reports that the lead content of the water is below the U.S. EPA action level of 0.015 milligrams per liter.

Radon Gas

Radon gas is a naturally occurring, colorless, odorless gas that is the by-product of the decay of radioactive materials found within bedrock and soil. Radon gas enters buildings through cracks, structural joints, and plumbing openings in floor levels that are in direct contact with the soil. Radon gas, when inhaled, has been found to be carcinogenic in some humans. The U.S. EPA recommended action level for radon gas is 4.0 pCi/L (picoCuries per liter).

The State of California, in conjunction with the U.S. EPA, has conducted residential screening tests in Orange County. The results of that screening indicate that Orange County is predicted to have an average indoor radon screening level of 0.763 pCi/L, with 100% of tests less than 4.0 pCi/L.

AES reviewed the U.S. EPA's Map of Radon Zones for California, which identifies Orange County as being within radon zone 3. Counties within radon zone 3 have a predicted average indoor radon gas screening level of less than 2 pCi/L.

Based on the literature reviewed, it is our opinion that the risk of radon gas accumulation is not a significant environmental concern at the subject site.

No sampling or analytical testing of ASTM Non-Scope items was conducted.

Wetlands

AES did not observe ponded water, flowing water, saturated soils or hydrophytic vegetation at the subject site.

Mold

AES observed portions of the exposed exterior and interior material surfaces of the improvements for signs of mold and/or mildew and none was observed. Based on the condition of these surfaces, the general quality of the exterior details to keep moisture out of the building and the general interior air quality observed in the improvements without the assistance of specialized testing equipment, mold and/or mildew were not an environmental concern to the subject property at the time of our site visit.

Please note that AES did not perform any probes behind surface materials, use moisture meters to test materials or use specialized equipment to test air quality for signs of existing mold and/or mildew. If further confirmation is required for determining if mold and/or mildew is present in the subject improvements AES recommends that a qualified Industrial Hygienist be retained to perform the necessary industry standard tests and provide a report of their findings.

VIII CONCLUSIONS

Findings and Opinion

AES completed a Phase I ESA for the site in substantial conformance with the scope and limitations of the Standard. Any exceptions to, or deletions from, the Standard are described in the Assessment.

Historical Recognized Environmental Conditions (HRECs)

Based on site observations, interviews and review of available documents and the database records search, AES concludes that no HRECs were identified at the subject site. AES recommends no additional investigation at this time.

Current Recognized Environmental Conditions (RECs)

Based on site observations, interviews and review of available documents and the database records search, AES concludes that no RECs were identified at the subject site. AES recommends no additional investigation at this time.

Business Environmental Risk (BER)

Based on site observations, interviews and review of available documents and the database records search, AES concludes that one *BER* was identified at the subject site. Based on the construction date of 1973 and our observations, the building is suspect for materials containing asbestos. The suspect materials are non-friable and in good condition and can be maintained under an Asbestos Operations and Maintenance (O&M) Plan to maintain the suspect materials in place. AES recommends the implementation of an Asbestos Operations and Maintenance (O&M) Plan. AES recommends no additional investigation at this time.

Controlled Recognized Environmental Conditions (CREC)

Based on site observations, interviews and review of available documents and the database records search, AES concludes that no CRECs were identified at the subject site. AES recommends no additional investigation at this time.

de minimis Environmental Conditions

Based on site observations, interviews and review of available documents and the database records search, AES concludes that one *de minimis* condition was identified at the subject site. The building is suspect for lead based paint. AES recommends no additional investigation at this time since the site is not used for residential purposes.

Conclusions

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations ASTM Practice E 1527-13 of 3175 Airway Avenue Costa Mesa, California 92626, the *property*. Any exceptions to or deletions from, this practice are described in Section II of this *report*. This assessment has revealed no evidence of *recognized environmental conditions, historical recognized environmental conditions or controlled recognized environmental conditions* with the *property*.

Based on site observations, interviews and review of available documents and the database records search, AES concludes that one *BER* was identified at the subject site. Based on the construction date of 1973 and our observations, the building is suspect for materials containing asbestos. The suspect materials are non-friable and in good condition and can be maintained under an Asbestos Operations and Maintenance (O&M) Plan to maintain the suspect materials in place. AES recommends the implementation of an Asbestos Operations and Maintenance (O&M) Plan. AES recommends no additional investigation at this time.

IX INTERVIEWS

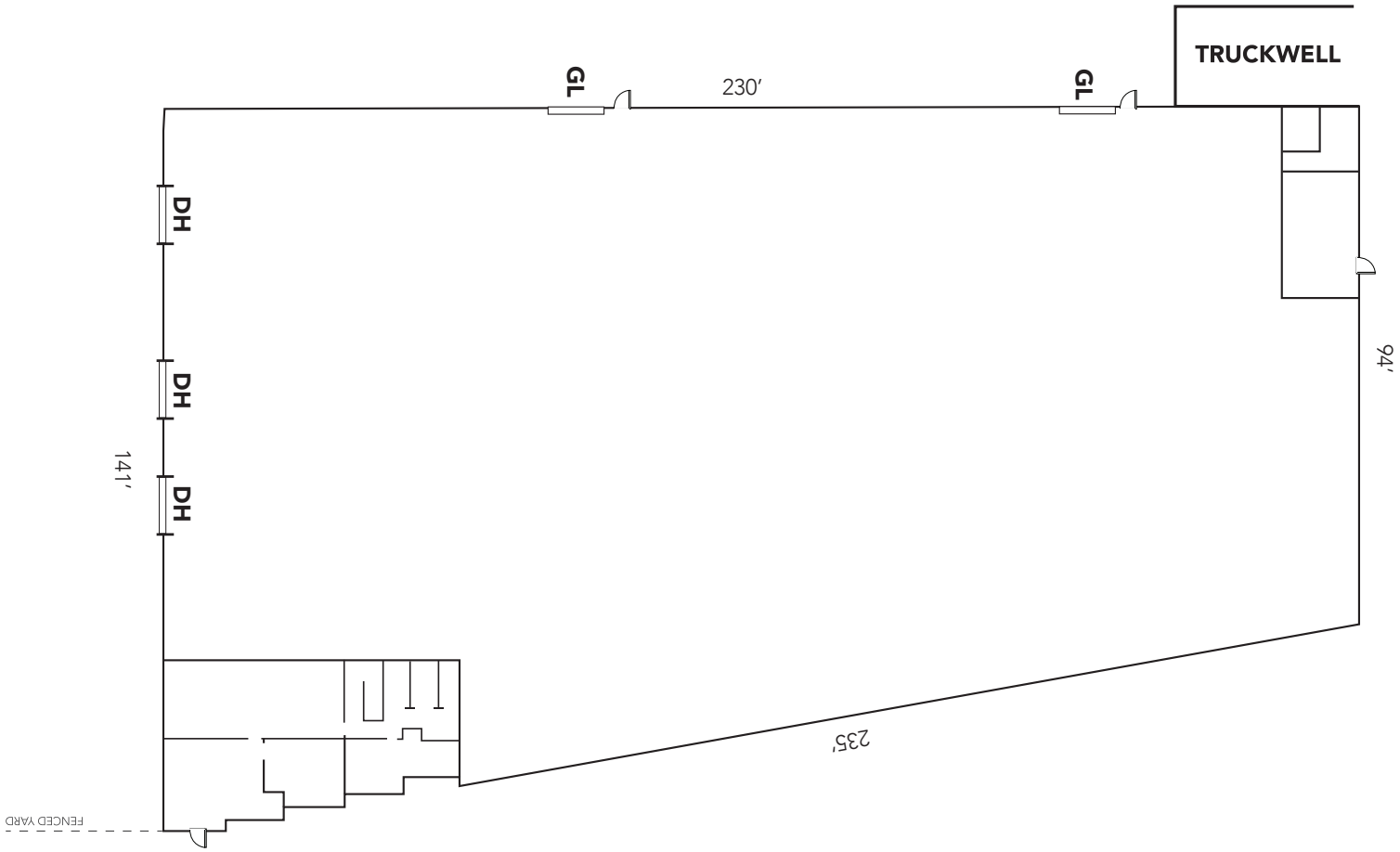
<u>Name</u>	<u>Title/Affiliation</u>	<u>Phone</u>
Mr. Ray Garcia	Customer Service SS Street Scene	(714) 426-0590
Mr. Jeff Tol	Costa Mesa Building Department	(714) 754-5676
Staff	Costa Mesa Fire Department	(714) 754-5106
Website	State Water Resources Control Board http://geotracker.waterboards.ca.gov/	

X QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Richard E. Darwicki - Mr. Darwicki has over ten years of experience related to environmental assessments and over 30 years experience related to engineering matters. He has completed numerous Phase I Environmental Site Assessments throughout the United States. He is a Licensed Engineer in the State of California and attended Santa Ana College and Fullerton College.

Timothy K. Dahlstrand - Mr. Dahlstrand has over twenty-five years of experience related to environmental and engineering matters. He has completed and supervised hundreds of Phase I Environmental Site Assessments throughout the United States and internationally. He holds a B.A. in Geology and an M.S. in Civil Engineering from Northwestern University.

Stephen J. Baker – Mr. Baker is a California and Washington Registered Geologist and Certified Hydrogeologist. He has conducted cursory environmental surveys, Phase I Evaluations, site characterization of sediment and groundwater, remedial design and implementation, post monitoring and achievement of “No Further Action” status by the lead regulating agencies. Mr. Baker holds a degree in geology from Ohio State University and a California Registered Geologist License number 4354.



3175 Airway Avenue
Costa Mesa, CA 92626



Google



1) View of the adjacent property to the northeast.



2) View of the adjacent property to the northwest.



3) View of the adjacent property to the west.



4) View of the adjacent property to the southeast.



5) View of the stored materials along the southwest wall.



6) View of the electrical transformer vault.



7) View of the office finishes at the north end of the building.



8) View of the typical restroom finishes.



9) View of the parts storage warehouse.



10) View of the roofing and a typical HVAC unit.



11) View of a typical truck well catch basin.



12) View of the finishes at the vacant south office area.

35207

AUG 18-72 PAID 001383* ***231.18
CHSACOSTA MESA BUILDING-SAFETY DEPARTMENT
P.O. BOX 1200 COSTA MESA, CALIFORNIA 92626

APPLICATION FOR BUILDING PERMIT

BUILDING ADDRESS: ~~365 McCORMICK AVE~~
~~AIRWAY & McCORMICK~~

OWNER: ALAN FAIBARG

MAIL ADDRESS: (ARCHITECTS ADDRESS)

CITY: TEL. NO.

CONSTRUCTION LENDER

BRANCH

ADDRESS: Dave Hutchison

ARCHITECT OR ENGINEER: McLEAN & SCHULTZ TEL. NO. 871 7310

ADDRESS: 2000 E. CHAPMAN. FULL.

CONTRACTOR

ADDRESS

CITY: TEL. NO.

STATE LIC. NO. CITY LIC. NO.

SIZE OF LOT: 60,000 SQ FT NO. OF BLDGS. NOW ON LOT: 1

USE OF EXISTING BLDG.

SIZE OF NEW BLDG.: 29,170 NO. OF ROOMS: 26 STORIES: 2

EXTERIOR WALL COVERING: CONC ROOF COVERING: GRAVEL - BUILT UP

USE OF BUILDING AND WORK TO BE PERFORMED

WAREHOUSE &

OFFICE

I hereby acknowledge that I have read this application and state that the above information is correct and agree to comply with all laws regulating building construction, and I shall not employ any person in violation of the workman's compensation laws of the State of California.

I hereby certify that I am properly licensed as a contractor under the State of California Business and Professions Code, Division 3, Chapter 9, and that such licenses are in full force and effect, or I am exempt from the provisions of the State of California Business and Professions Code, Division 3, Chapter 9.

Signature of Permittee: McLEAN & SCHULTZ

Authorized Agent

RECEIVED BY: *CM* DATE RECEIVED: 8/17/72 DATE ISSUED: 1-3-73

A.P. NO. 427-091-12 PERMIT NO. 35207

BUILDING ADDRESS: ~~365 McCORMICK AVE~~
3175 AIRWAY

TRACT 7076 LOT 4 BLOCK

NEW ADD ALTER REPAIR MOVING DEMOLISH

OWNER: Allan Faibarg

USE: Warehouse Office VALUE: 206,080

FIRE ZONE: TYPE III-N GROUP F-2

APPROVED BY: *Wok* DATE: 1-2-73

ZONE M1 NO. OF PLANS 2 USE OF NEW BUILDING INDUSTRIAL WAREHOUSE

YARDS APPROVED MAIN BUILDING YARDS APPROVED ACCESSORY BUILDING

(FROM C/L STREET)

FRONT 60 FT. FT.

R. SIDE 30 FT. FT.

L. SIDE 20 FT. FT.

REAR 70 FT. FT.

DISTANCE BET. MAIN BLDGS. BET. MAIN & ACCESS. BLDGS.

VAR. # 2E-72-98 DATE APPROVED 12-18-72

APPROVED BY: *WLD* DATE: 1-2-73

HOLD FOR SPECIAL REQUIREMENTS

see plans for details 1743 TAX

29,170 SQ. FT.

THE AMOUNT SHOWN UNDER VALUATION IS FOR THE PURPOSE OF ESTABLISHING A PERMIT FEE ONLY:

VALUATION \$ 206,080 PERMIT FEE \$ PLAN CHECK \$ 216.75 TOTAL FEE \$

USE INDELIBLE PENCIL, BALL POINT PEN OR OTHER NON-ERASABLE SUBSTANCE.

INSTRUCTIONS TO APPLICANT

3175 Airway Avenue
3175 Airway Avenue
Costa Mesa, CA 92626

Inquiry Number: 5427551.2s
September 18, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

3175 AIRWAY AVENUE
COSTA MESA, CA 92626

COORDINATES

Latitude (North): 33.6798490 - 33° 40' 47.45"
Longitude (West): 117.8712830 - 117° 52' 16.61"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 419235.3
UTM Y (Meters): 3726806.2
Elevation: 47 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640942 TUSTIN, CA
Version Date: 2012

West Map: 5640950 NEWPORT BEACH, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140514
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
3175 AIRWAY AVENUE
COSTA MESA, CA 92626

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	STILLEN	3176 AIRWAY	RCRA-SQG, FINDS, ECHO	Higher	63, 0.012, East
A2	BRUCE STRUSS AUTO CA	350 MCCORMICK AVE	RCRA-SQG, FINDS, ECHO	Lower	97, 0.018, NNE
B3	SEMICOA	333 MCCORMICK	RCRA-SQG, ENVIROSTOR, FINDS, ECHO, WDS	Lower	239, 0.045, NNW
B4	SEMICOA	333 MCCORMICK AVENUE	ENVIROSTOR, HAZNET	Lower	239, 0.045, NNW
5	DANA CREATH DESIGNS	3170 AIRWAY	RCRA-SQG, FINDS, ECHO, EMI, HAZNET	Higher	243, 0.046, SE
C6	SPECIALTY BODY WORKS	330 PAULARINO AVE	RCRA-SQG, FINDS, ECHO, EMI	Higher	283, 0.054, West
D7	JOHN WAYNE AIRPORT	3160 AIRWAY AVE	UST	Higher	298, 0.056, South
D8		3160 AIRWAY AVE	AST	Higher	298, 0.056, South
D9	DOUGLAS OIL COMPANY	3160 AIRWAY AVE	EDR Hist Auto	Higher	298, 0.056, South
10	POPE CORP	3184 AIRWAY AVE UNIT	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	392, 0.074, ENE
D11	JOHN WAYNE AIRPORT/F	366 PAULARINO RD	LUST	Higher	431, 0.082, South
D12	JOHN WAYNE AIRPORT F	366 PAULARINO RD	SWEEPS UST, CA FID UST	Higher	431, 0.082, South
D13	JOHN WAYNE AIRPORT F	366 PAULARINO AVE	UST	Higher	431, 0.082, South
C14	PACIFIC BELL	3160 REDHILL AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	494, 0.094, West
E15	RESPIRATORY SUPPORT	3183-D AIRWAY AVE	RCRA-SQG	Lower	634, 0.120, NNE
F16	PRIME TECHNOLOGY	3183 REDHILL AVENUE	RCRA-LQG, WDS	Lower	670, 0.127, NNW
F17	PRIME TECHNOLOGIES,	3183 REDHILL AVENUE	ENVIROSTOR	Lower	670, 0.127, NNW
F18	O'NEIL MOVING SYSTEM	275 MCCORMICK AVE	UST	Lower	761, 0.144, NW
19	BEACON BAY ENTERPRIS	3152 RED HILL AVE ST	EDR Hist Auto	Higher	819, 0.155, WSW
E20	CLASSIC TYPE AND PRE	3185 AIRWAY AVE UNIT	RCRA-SQG, FINDS, ECHO	Lower	877, 0.166, NNE
G21	CERADYNE, INC.	3169 REDHILL AVENUE	ENVIROSTOR, WDS	Higher	894, 0.169, West
G22	CERADYNE INC	3169 REDHILL AVENUE	RCRA-SQG, FINDS, ECHO, EMI	Higher	894, 0.169, West
23	TRICO	235 PAULARINO AVE	UST	Higher	979, 0.185, West
24	GERMAN AUTO WORKS	3186 G AIRWAY	RCRA-SQG, FINDS, ECHO	Lower	997, 0.189, ENE
H25	JOHN WAYNE AIRPORT W	3151 AIRWAY AVE	CPS-SLIC, SWEEPS UST, CA FID UST, Orange Co....	Higher	1063, 0.201, SW
I26	AUTOHAUS BERLIN CO I	3188 L AIRWAY AVE	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	1237, 0.234, NE
I27	HOWENSTINE JOHN INC	3188-J AIRWAY AVE	RCRA NonGen / NLR	Lower	1237, 0.234, NE
I28	GUNTHERS PRINTING	3188 BLDG F AIRWAY A	RCRA NonGen / NLR, FINDS, ECHO, HAZNET	Lower	1237, 0.234, NE
H29	ORANGE COUNTY FIRE S	18992	HIST CORTESE	Higher	1247, 0.236, SW
J30	ITT BUSINESS MACHINE	3191 RED HILL AVENUE	CPS-SLIC	Lower	1302, 0.247, North
J31	ITT BUSINESS MACHINE	3191 REDHILL AVENUE	CPS-SLIC	Lower	1302, 0.247, North
J32	TONER PLANT	3191 RED HILL AVE	HIST UST	Lower	1319, 0.250, North
J33	CANON BUSINESS MACHI	3191 RED HILL AVENUE	LUST, UST, HIST UST, Orange Co. Industrial Site,...	Lower	1319, 0.250, North
J34	CANON BUSINESS MACHI	3191 RED HILL AVENUE	RCRA-LQG	Lower	1319, 0.250, North
H35	MSI DATA CORP	335 BAKER AVE	SEMS-ARCHIVE, RCRA-SQG	Higher	1329, 0.252, SW
K36	SANTA ANA TOWER FAA/	18990 IKE JONES RD	CPS-SLIC, UST, SWEEPS UST, HIST UST	Higher	1526, 0.289, SSW
K37	SANTA ANA TOWER FAA/	18990 IKE JONES RD	LUST, CA FID UST, HIST CORTESE	Higher	1526, 0.289, SSW
K38	ORANGE COUNTY FIRE S	18992 IKE JONES RD	LUST	Higher	1530, 0.290, SSW
K39	ORANGE COUNTY FIRE S	18992 IKE JONES RD	CPS-SLIC	Higher	1530, 0.290, SSW

MAPPED SITES SUMMARY

Target Property Address:
 3175 AIRWAY AVENUE
 COSTA MESA, CA 92626

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L40	WESTERN DIGITAL CORP	3128 REDHILL AVE	SEMS, RCRA-SQG, HIST UST, FINDS, ECHO	Higher	1588, 0.301, WSW
L41	WESTERN DIGITAL CORP	3128 RED HILL AV	LUST, EMI, HAZNET, HIST CORTESE	Higher	1588, 0.301, WSW
L42	WESTERN DIGITAL CORP	3128 RED HILL AVE	LUST	Higher	1588, 0.301, WSW
43	THE ABBEY SCHERER CO	3130 AIRWAY	LUST, HIST CORTESE	Higher	1592, 0.302, SSW
M44	VALENTEC WELLS	3190 PULLMAN ST	CPS-SLIC, EMI, CIWQS	Lower	1965, 0.372, North
45	FRYE & SMITH, INC.	150 E. BAKER STREET	ENVIROSTOR	Lower	1965, 0.372, West
M46	VALENTEC-WELLS, INC.	3190 PULLMAN STREET	ENVIROSTOR, CPS-SLIC, Orange Co. Industrial Site	Lower	1976, 0.374, North
47	OLEN PROPERTIES - AI	3100 AIRWAY AVE	CPS-SLIC	Higher	2057, 0.390, SSW
48	MILLION AIR CTR REFU	19300 IKE JONES RD	LUST, Orange Co. Industrial Site, HIST CORTESE	Higher	2066, 0.391, SSW
N49	INTESYS TECHNOLOGIES	265 BRIGGS AVE	RCRA-SQG, CPS-SLIC	Lower	2218, 0.420, WSW
N50	INTESYS TECHNOLOGIES	265 BRIGGS AVENUE	CPS-SLIC, WDS	Lower	2218, 0.420, WSW
51	ORANGE COUNTY AIRPOR		ENVIROSTOR	Higher	2787, 0.528, South
52	MARTIN AVIATION INC.	19801 AIRPORT WAY SO	EMI, Notify 65	Higher	3234, 0.613, SSE
O53	SIGMA CIRCUITS, INC.	2970 AIRWAY AVENUE	ENVIROSTOR	Higher	3736, 0.708, SSW
O54	SIGMA CIRCUITS INC S	2970 AIRWAY AVENUE	SEMS-ARCHIVE, RCRA-SQG, ENVIROSTOR, CPS-SLIC,...	Higher	3736, 0.708, SSW
O55	KNIGHT EQUIPMENT COR	2955 AIRWAY AVE	ENVIROSTOR, HIST UST, EMI	Higher	3996, 0.757, SSW
56	SHELL OIL	3045 BRISTOL	LUST, Notify 65	Lower	4383, 0.830, West
57	EXOTIC MATERIAL INC	2930 BRISTOL ST	ENVIROSTOR	Lower	4756, 0.901, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

EXECUTIVE SUMMARY

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

CERS HAZ WASTE..... CERS HAZ WASTE

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS..... Environmental Liens Listing

EXECUTIVE SUMMARY

LIENS 2 CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
Orange Co. Industrial Site..... List of Industrial Site Cleanups
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing
CA BOND EXP. PLAN..... Bond Expenditure Plan
CUPA Listings..... CUPA Resources List
DRYCLEANERS..... Cleaner Facilities
EMI..... Emissions Inventory Data

EXECUTIVE SUMMARY

ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
CERS.....	CERS
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
UIC GEO.....	UIC GEO (GEOTRACKER)
CIWQS.....	California Integrated Water Quality System
WDR.....	Waste Discharge Requirements Listing
PROJECT.....	PROJECT (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/17/2018 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTERN DIGITAL CORP Site ID: 0904275 EPA Id: CAD051983567	3128 REDHILL AVE	WSW 1/4 - 1/2 (0.301 mi.)	L40	103

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/17/2018 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MSI DATA CORP Site ID: 0900312 EPA Id: CAD053853644	335 BAKER AVE	SW 1/4 - 1/2 (0.252 mi.)	H35	94

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2

EXECUTIVE SUMMARY

RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PRIME TECHNOLOGY EPA ID:: CAD981573108	3183 REDHILL AVENUE	NNW 1/8 - 1/4 (0.127 mi.)	F16	42
CANON BUSINESS MACHI EPA ID:: CAD078140068	3191 RED HILL AVENUE	N 1/8 - 1/4 (0.250 mi.)	J34	91

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STILLEN EPA ID:: CAR000081984	3176 AIRWAY	E 0 - 1/8 (0.012 mi.)	A1	8
DANA CREATH DESIGNS EPA ID:: CAD982400616	3170 AIRWAY	SE 0 - 1/8 (0.046 mi.)	5	20
SPECIALTY BODY WORKS EPA ID:: CAD983582974	330 PAULARINO AVE	W 0 - 1/8 (0.054 mi.)	C6	26
CERADYNE INC EPA ID:: CAD981424229	3169 REDHILL AVENUE	W 1/8 - 1/4 (0.169 mi.)	G22	52
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRUCE STRUSS AUTO CA EPA ID:: CA0000921577	350 MCCORMICK AVE	NNE 0 - 1/8 (0.018 mi.)	A2	9
SEMICOA EPA ID:: CAD047429824	333 MCCORMICK	NNW 0 - 1/8 (0.045 mi.)	B3	11
POPE CORP EPA ID:: CAR000009738	3184 AIRWAY AVE UNIT	ENE 0 - 1/8 (0.074 mi.)	10	31
RESPIRATORY SUPPORT EPA ID:: CAD084157270	3183-D AIRWAY AVE	NNE 0 - 1/8 (0.120 mi.)	E15	41
CLASSIC TYPE AND PRE EPA ID:: CAD028446904	3185 AIRWAY AVE UNIT	NNE 1/8 - 1/4 (0.166 mi.)	E20	48
GERMAN AUTO WORKS EPA ID:: CAD983597022	3186 G AIRWAY	ENE 1/8 - 1/4 (0.189 mi.)	24	66
AUTOHAUS BERLIN CO I EPA ID:: CAD983588245	3188 L AIRWAY AVE	NE 1/8 - 1/4 (0.234 mi.)	I26	75

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/30/2018 has revealed that there are 11 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CERADYNE, INC. Facility Id: 71002835 Status: Inactive - Needs Evaluation	3169 REDHILL AVENUE	W 1/8 - 1/4 (0.169 mi.)	G21	50
ORANGE COUNTY AIRPOR Facility Id: 80000829 Status: Inactive - Needs Evaluation		S 1/2 - 1 (0.528 mi.)	51	127
SIGMA CIRCUITS, INC. Facility Id: 71002902 Status: No Action Required	2970 AIRWAY AVENUE	SSW 1/2 - 1 (0.708 mi.)	O53	128
SIGMA CIRCUITS INC S Facility Id: 30280370 Status: Refer: Other Agency	2970 AIRWAY AVENUE	SSW 1/2 - 1 (0.708 mi.)	O54	129
KNIGHT EQUIPMENT COR Facility Id: 71002508 Status: Refer: Other Agency	2955 AIRWAY AVE	SSW 1/2 - 1 (0.757 mi.)	O55	138
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEMICOA Facility Id: 71002417 Status: Inactive - Needs Evaluation	333 MCCORMICK	NNW 0 - 1/8 (0.045 mi.)	B3	11
SEMICOA Facility Id: 60002151 Status: Active	333 MCCORMICK AVENUE	NNW 0 - 1/8 (0.045 mi.)	B4	17
PRIME TECHNOLOGIES, Facility Id: 71002874 Status: Inactive - Needs Evaluation	3183 REDHILL AVENUE	NNW 1/8 - 1/4 (0.127 mi.)	F17	47
FRYE & SMITH, INC. Facility Id: 71002615 Status: No Further Action	150 E. BAKER STREET	W 1/4 - 1/2 (0.372 mi.)	45	118
VALENTEC-WELLS, INC. Facility Id: 71002538 Status: Inactive - Needs Evaluation	3190 PULLMAN STREET	N 1/4 - 1/2 (0.374 mi.)	M46	119
EXOTIC MATERIAL INC	2930 BRISTOL ST	WSW 1/2 - 1 (0.901 mi.)	57	143

EXECUTIVE SUMMARY

Facility Id: 30280530
 Status: Refer: Other Agency

State and tribal leaking storage tank lists

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT/F Database: ORANGE CO. LUST, Date of Government Version: 07/13/2018 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: 93UT093 Facility Status: Pollution Characterization Global Id: T0605901723 Global ID: T0605901723	366 PAULARINO RD	S 0 - 1/8 (0.082 mi.)	D11	34
SANTA ANA TOWER FAA/ Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Pollution Characterization Global ID: T0605900442	18990 IKE JONES RD	SSW 1/4 - 1/2 (0.289 mi.)	K37	100
ORANGE COUNTY FIRE S Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Preliminary site assessment underway Global ID: T0605900437	18992 IKE JONES RD	SSW 1/4 - 1/2 (0.290 mi.)	K38	101
WESTERN DIGITAL CORP Database: ORANGE CO. LUST, Date of Government Version: 07/13/2018 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: 86UT041 Facility Id: 92UT023 Facility Status: Case Closed Global Id: T0605900354 Global ID: T0605900354	3128 RED HILL AV	WSW 1/4 - 1/2 (0.301 mi.)	L41	107
WESTERN DIGITAL CORP Database: ORANGE CO. LUST, Date of Government Version: 07/13/2018 Facility Id: 92UT023	3128 RED HILL AVE	WSW 1/4 - 1/2 (0.301 mi.)	L42	112
THE ABBEY SCHERER CO Database: ORANGE CO. LUST, Date of Government Version: 07/13/2018 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: 90UT174 Facility Status: Case Closed	3130 AIRWAY	SSW 1/4 - 1/2 (0.302 mi.)	43	112

EXECUTIVE SUMMARY

Global Id: T0605901220
Global ID: T0605901220

MILLION AIR CTR REFU	19300 IKE JONES RD	SSW 1/4 - 1/2 (0.391 mi.)	48	121
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: LUST, Date of Government Version: 06/11/2018				
Status: Completed - Case Closed				
Facility Status: Case Closed				
Global Id: T0605900431				
Global ID: T0605900431				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CANON BUSINESS MACHI	3191 RED HILL AVENUE	N 1/8 - 1/4 (0.250 mi.)	J33	83
Database: ORANGE CO. LUST, Date of Government Version: 07/13/2018				
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: LUST, Date of Government Version: 06/11/2018				
Status: Completed - Case Closed				
Facility Id: 87UT038				
Facility Id: 89UT190				
Facility Status: Case Closed				
Global Id: T0605901019				
Global Id: T0605955203				
Global ID: T0605901019				
Global ID: T0605955203				

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

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 10 CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT W	3151 AIRWAY AVE	SW 1/8 - 1/4 (0.201 mi.)	H25	68
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Open - Site Assessment				
Global Id: SL208013856				
SANTA ANA TOWER FAA/	18990 IKE JONES RD	SSW 1/4 - 1/2 (0.289 mi.)	K36	98
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Open - Site Assessment				
Global Id: T0605900442				
ORANGE COUNTY FIRE S	18992 IKE JONES RD	SSW 1/4 - 1/2 (0.290 mi.)	K39	102
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Open - Site Assessment				
Global Id: T0605900437				
OLEN PROPERTIES - AI	3100 AIRWAY AVE	SSW 1/4 - 1/2 (0.390 mi.)	47	121
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Open - Site Assessment				
Global Id: T10000010077				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ITT BUSINESS MACHINE	3191 RED HILL AVENUE	N 1/8 - 1/4 (0.247 mi.)	J30	81
Database: SLIC REG 8, Date of Government Version: 04/03/2008				

EXECUTIVE SUMMARY

Facility Status: Closed				
ITT BUSINESS MACHINE	3191 REDHILL AVENUE	N 1/8 - 1/4 (0.247 mi.)	J31	81
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Completed - Case Closed				
Global Id: SLT8R2143992				
VALENTEC WELLS	3190 PULLMAN ST	N 1/4 - 1/2 (0.372 mi.)	M44	115
Database: SLIC REG 8, Date of Government Version: 04/03/2008				
Facility Status: Closed				
VALENTEC-WELLS, INC.	3190 PULLMAN STREET	N 1/4 - 1/2 (0.374 mi.)	M46	119
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Completed - Case Closed				
Global Id: SL208263881				
INTESYS TECHNOLOGIES	265 BRIGGS AVE	WSW 1/4 - 1/2 (0.420 mi.)	N49	124
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Completed - Case Closed				
Global Id: SLT8R0603944				
INTESYS TECHNOLOGIES	265 BRIGGS AVENUE	WSW 1/4 - 1/2 (0.420 mi.)	N50	126
Database: SLIC REG 8, Date of Government Version: 04/03/2008				
Facility Status: Closed				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT	3160 AIRWAY AVE	S 0 - 1/8 (0.056 mi.)	D7	30
Database: UST, Date of Government Version: 06/11/2018				
Facility Id: 19159				
JOHN WAYNE AIRPORT F	366 PAULARINO AVE	S 0 - 1/8 (0.082 mi.)	D13	39
Database: UST, Date of Government Version: 06/11/2018				
Facility Id: 6881				
TRICO	235 PAULARINO AVE	W 1/8 - 1/4 (0.185 mi.)	23	66
Database: UST, Date of Government Version: 06/11/2018				
Facility Id: 10457				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
O'NEIL MOVING SYSTEM	275 MCCORMICK AVE	NW 1/8 - 1/4 (0.144 mi.)	F18	48
Database: UST, Date of Government Version: 06/11/2018				
Facility Id: 14955				
CANON BUSINESS MACHI	3191 RED HILL AVENUE	N 1/8 - 1/4 (0.250 mi.)	J33	83
Database: UST, Date of Government Version: 06/11/2018				
Facility Id: 947				

EXECUTIVE SUMMARY

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: AST, Date of Government Version: 07/06/2016	3160 AIRWAY AVE	S 0 - 1/8 (0.056 mi.)	D8	30

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT F Status: A Tank Status: A Comp Number: 6881	366 PAULARINO RD	S 0 - 1/8 (0.082 mi.)	D12	38
JOHN WAYNE AIRPORT W Status: A Tank Status: A Comp Number: 9158	3151 AIRWAY AVE	SW 1/8 - 1/4 (0.201 mi.)	H25	68

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TONER PLANT Facility Id: 00000016665	3191 RED HILL AVE	N 1/8 - 1/4 (0.250 mi.)	J32	82
CANON BUSINESS MACHI	3191 RED HILL AVENUE	N 1/8 - 1/4 (0.250 mi.)	J33	83

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT F Facility Id: 30017562 Status: A	366 PAULARINO RD	S 0 - 1/8 (0.082 mi.)	D12	38
JOHN WAYNE AIRPORT W Facility Id: 30017621 Status: A	3151 AIRWAY AVE	SW 1/8 - 1/4 (0.201 mi.)	H25	68

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL EPA ID:: CAD980882468	3160 REDHILL AVE	W 0 - 1/8 (0.094 mi.)	C14	40

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOWENSTINE JOHN INC EPA ID:: CAD078149812	3188-J AIRWAY AVE	NE 1/8 - 1/4 (0.234 mi.)	I27	77
GUNTHERS PRINTING EPA ID:: CAD982522930	3188 BLDG F AIRWAY A	NE 1/8 - 1/4 (0.234 mi.)	I28	79

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/25/2018 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT W	3151 AIRWAY AVE	SW 1/8 - 1/4 (0.201 mi.)	H25	68

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 6 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ORANGE COUNTY FIRE S	18992	SW 1/8 - 1/4 (0.236 mi.)	H29	81

EXECUTIVE SUMMARY

Reg Id: 083000548T				
SANTA ANA TOWER FAA/	18990 IKE JONES RD	SSW 1/4 - 1/2 (0.289 mi.)	K37	100
Reg Id: 083000556T				
WESTERN DIGITAL CORP	3128 RED HILL AV	WSW 1/4 - 1/2 (0.301 mi.)	L41	107
Reg Id: 083000442T				
THE ABBEY SCHERER CO	3130 AIRWAY	SSW 1/4 - 1/2 (0.302 mi.)	43	112
Reg Id: 083001610T				
MILLION AIR CTR REFU	19300 IKE JONES RD	SSW 1/4 - 1/2 (0.391 mi.)	48	121
Reg Id: 083000539T				
Lower Elevation	Address	Direction / Distance	Map ID	Page
CANON BUSINESS MACHI	3191 RED HILL AVENUE	N 1/8 - 1/4 (0.250 mi.)	J33	83
Reg Id: 083001341T				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 06/18/2018 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MARTIN AVIATION INC.	19801 AIRPORT WAY SO	SSE 1/2 - 1 (0.613 mi.)	52	128
Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL OIL	3045 BRISTOL	W 1/2 - 1 (0.830 mi.)	56	140

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS OIL COMPANY	3160 AIRWAY AVE	S 0 - 1/8 (0.056 mi.)	D9	31
BEACON BAY ENTERPRIS	3152 RED HILL AVE ST	WSW 1/8 - 1/4 (0.155 mi.)	19	48

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

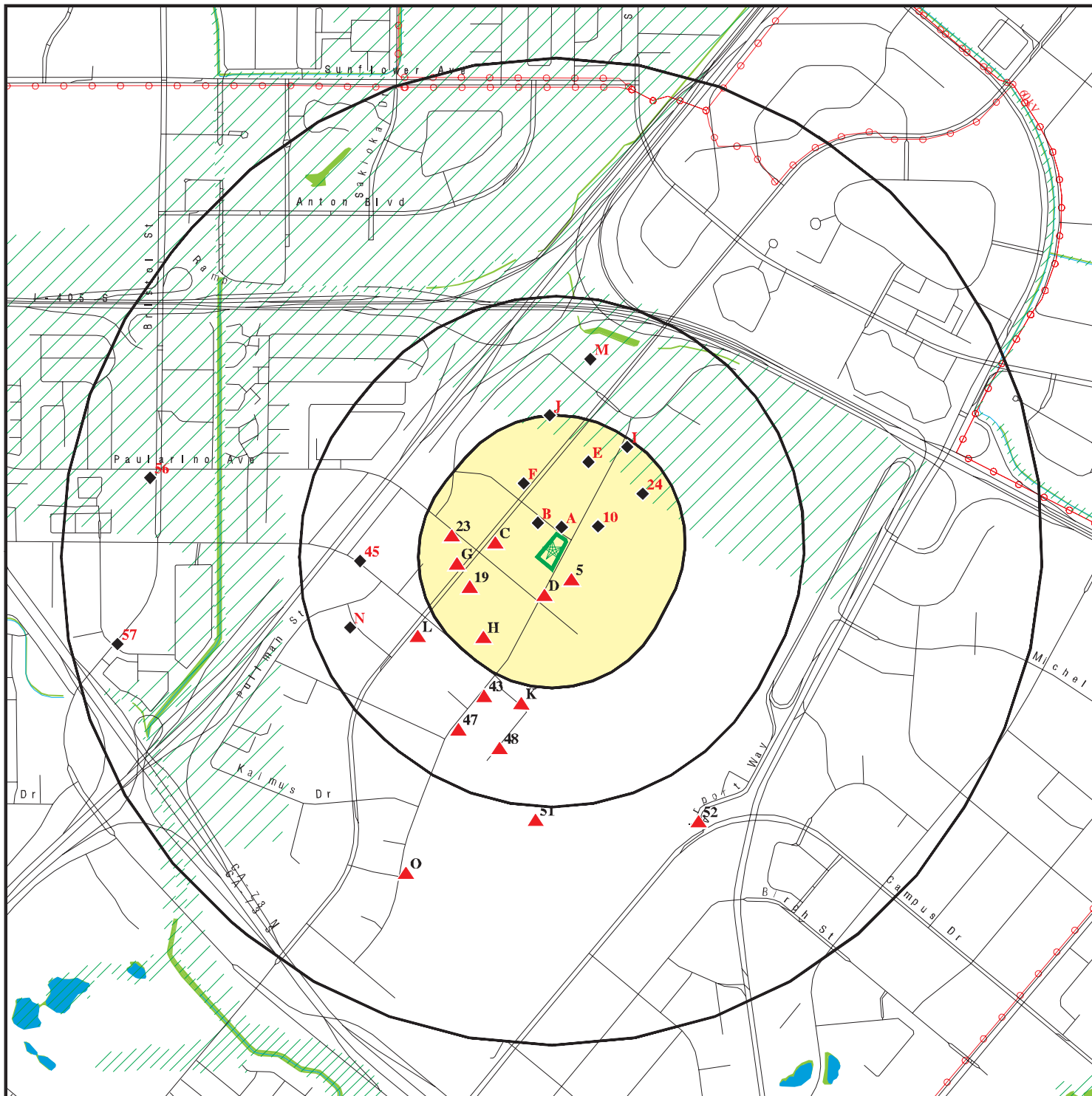
Site Name

CARSON - 91 LLC

Database(s)

ENVIROSTOR

OVERVIEW MAP - 5427551.2S



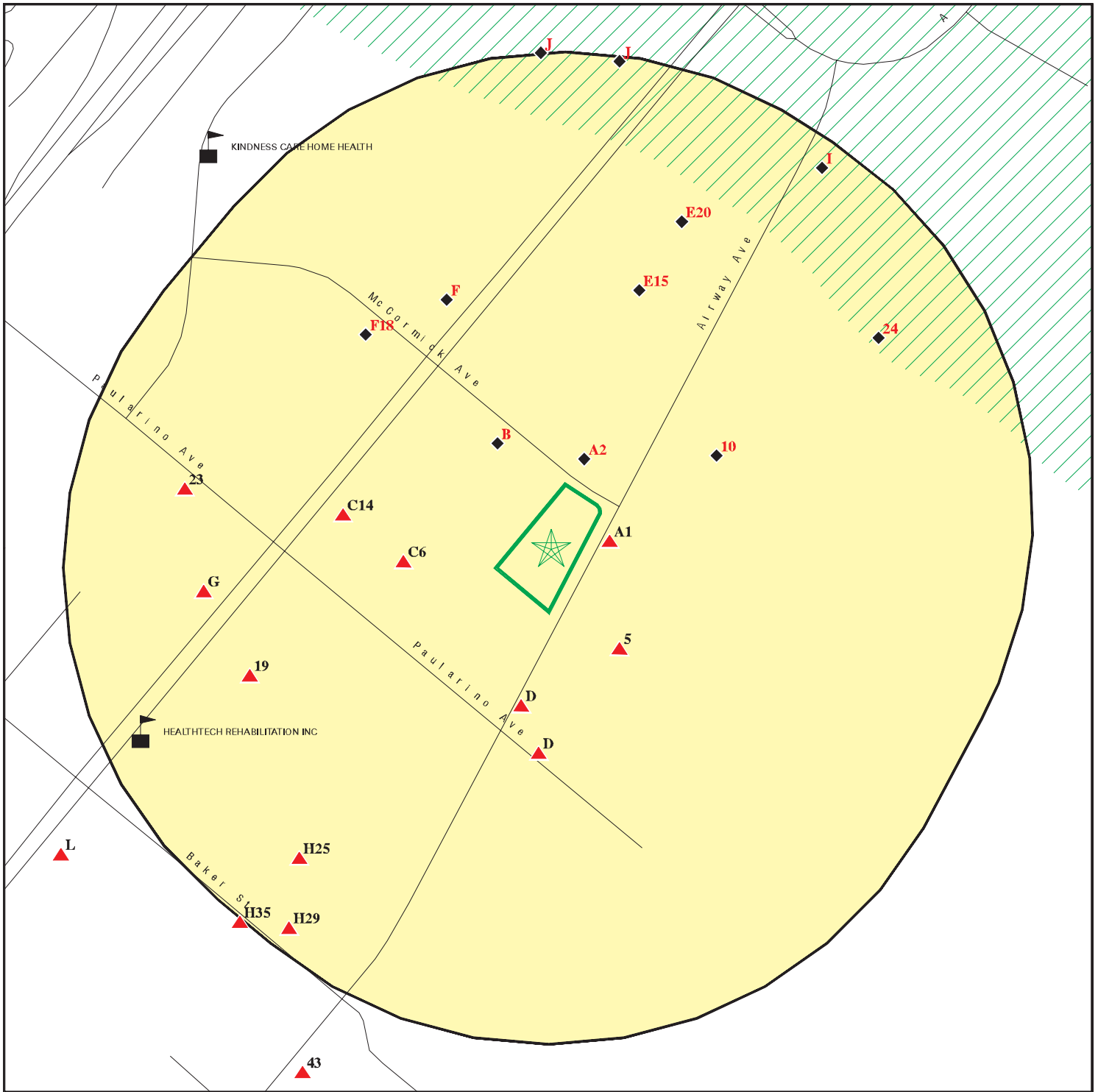
- | | | |
|---|----------------------------|------------------|
| Target Property | Indian Reservations BIA | Upgradient Area |
| Sites at elevations higher than or equal to the target property | Power transmission lines | Areas of Concern |
| Sites at elevations lower than the target property | 100-year flood zone | |
| Manufactured Gas Plants | 500-year flood zone | |
| National Priority List Sites | National Wetland Inventory | |
| Dept. Defense Sites | State Wetlands | |

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

SITE NAME: 3175 Airway Avenue
 ADDRESS: 3175 Airway Avenue
 Costa Mesa CA 92626
 LAT/LONG: 33.679849 / 117.871283

CLIENT: AES Due Diligence, Inc
 CONTACT: Rick Darwicki
 INQUIRY #: 5427551.2s
 DATE: September 18, 2018 1:12 pm

DETAIL MAP - 5427551.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

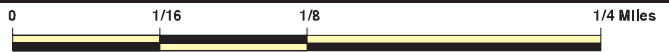
Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

Areas of Concern



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

SITE NAME: 3175 Airway Avenue
 ADDRESS: 3175 Airway Avenue
 Costa Mesa CA 92626
 LAT/LONG: 33.679849 / 117.871283

CLIENT: AES Due Diligence, Inc
 CONTACT: Rick Darwicki
 INQUIRY #: 5427551.2s
 DATE: September 18, 2018 1:14 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		7	4	NR	NR	NR	11
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		2	2	2	5	NR	11
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	1	6	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	3	7	NR	NR	10
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	3	NR	NR	NR	5
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		1	1	NR	NR	NR	2
CERS TANKS	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	2	NR	NR	NR	3
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	1	0	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	2	4	NR	NR	6
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250		1	1	NR	NR	NR	2
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0
- Totals --		0	17	25	21	7	0	70

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
East
< 1/8
0.012 mi.
63 ft.

STILLEN
3176 AIRWAY
COSTA MESA, CA 92626

RCRA-SQG **1004676186**
FINDS **CAR000081984**
ECHO

Site 1 of 2 in cluster A

Relative:
Higher

RCRA-SQG:

Actual:
47 ft.

Date form received by agency: 09/01/2000
 Facility name: STILLEN
 Facility address: 3176 AIRWAY
 COSTA MESA, CA 92626
 EPA ID: CAR000081984
 Contact: SEAN GALLAGHER
 Contact address: 3176 AIRWAY
 COSTA MESA, CA 92626
 Contact country: US
 Contact telephone: 714-540-5566
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: STEVE MILLEN SPORTPARTS
 Owner/operator address: 3176 AIRWAY
 COSTA MESA, CA 92626
 Owner/operator country: Not reported
 Owner/operator telephone: 714-540-5566
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STILLEN (Continued)

1004676186

. Waste name: BENZENE
. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110012184661

Environmental Interest/Information System

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

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

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

ECHO:

Envid: 1004676186
Registry ID: 110012184661
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012184661>

A2
NNE
< 1/8
0.018 mi.
97 ft.

BRUCE STRUSS AUTO CARE INC
350 MCCORMICK AVE
COSTA MESA, CA 92626

RCRA-SQG 1000978131
FINDS CA0000921577
ECHO

Site 2 of 2 in cluster A

Relative:
Lower

RCRA-SQG:
Date form received by agency: 11/07/1994
Facility name: BRUCE STRUSS AUTO CARE INC
Facility address: 350 MCCORMICK AVE
COSTA MESA, CA 92626
EPA ID: CA0000921577
Mailing address: MCCORMICK AVE
COSTA MESA, CA 92626
Contact: COURTNEY TASSI

Actual:
46 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUCE STRUSS AUTO CARE INC (Continued)

1000978131

Contact address: 350 MCCORMICK AVE
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-549-9006
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BRUCE STRAUSS INC
Owner/operator address: 350 MCCORMICK AVE
COSTA MESA, CA 92626
Owner/operator country: Not reported
Owner/operator telephone: 714-549-9006
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002621173

Environmental Interest/Information System

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

RCRAInfo is a national information system that supports the Resource

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRUCE STRUSS AUTO CARE INC (Continued)

1000978131

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

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

ECHO:

Envid: 1000978131
 Registry ID: 110002621173
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002621173>

**B3
 NNW
 < 1/8
 0.045 mi.
 239 ft.**

**SEMICOA
 333 MCCORMICK
 COSTA MESA, CA 92626**

Site 1 of 2 in cluster B

**RCRA-SQG 1000247282
 ENVIROSTOR CAD047429824
 FINDS
 ECHO
 WDS**

**Relative:
 Lower
 Actual:
 46 ft.**

RCRA-SQG:
 Date form received by agency: 08/01/2012
 Facility name: SEMICOA CORPORATION
 Facility address: 333 MCCORMICK AVE
 COSTA MESA, CA 92626
 EPA ID: CAD047429824
 Contact: SCOTT BEATTIE
 Contact address: 333 MCCORMICK AVE
 COSTA MESA, CA 92626
 Contact country: US
 Contact telephone: 714-852-6330
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: VANCE STREET CAPITAL
 Owner/operator address: 11150 SANTA MONICA BLVD STE 750
 LOS ANGELES, CA 90025
 Owner/operator country: US
 Owner/operator telephone: 310-231-7100
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 08/01/2009
 Owner/Op end date: Not reported
 Owner/operator name: SEMICOA CORP
 Owner/operator address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

1000247282

Owner/operator country: Not reported
Owner/operator telephone: US
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/01/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 791
. Waste name: Liquids with pH < 2

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

1000247282

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 09/30/2009

Site name: SEMICOA CORPORATION

Classification: Small Quantity Generator

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

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D011
. Waste name: SILVER

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

1000247282

SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/24/2009

Site name: SEMICOA ACQUISITION CORP
Classification: Small Quantity Generator

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

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

1000247282

Date form received by agency: 09/04/1986
Site name: SEMICOA
Classification: Small Quantity Generator

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 71002417
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.68043
Longitude: -117.8720
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD047429824
Alias Type: EPA Identification Number
Alias Name: 110002646904
Alias Type: EPA (FRS #)
Alias Name: 71002417
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

1000247282

FINDS:

Registry ID: 110002646904

Environmental Interest/Information System

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

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

HAZARDOUS AIR POLLUTANT MAJOR

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

ECHO:

Envid: 1000247282
Registry ID: 110002646904
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002646904>

WDS:

Facility ID: Santa Ana River 30I017777
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 7149791900
Facility Contact: GERRI GIBB
Agency Name: SEMICOA
Agency Address: 333 MCCORMICK
Agency City, St, Zip: COSTA MESA 92626
Agency Contact: GERRI GIBB
Agency Telephone: 7149791900
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SEMICOA (Continued)

1000247282

Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**B4
 NNW
 < 1/8
 0.045 mi.
 239 ft.**

**SEMICOA
 333 MCCORMICK AVENUE
 COSTA MESA, CA 92626**

**ENVIROSTOR S113000729
 HAZNET N/A**

Site 2 of 2 in cluster B

**Relative:
 Lower
 Actual:
 46 ft.**

ENVIROSTOR:
 Facility ID: 60002151
 Status: Active
 Status Date: 03/03/2015
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: 0.5
 NPL: NO
 Regulatory Agencies: HWMP
 Lead Agency: HWMP
 Program Manager: Not reported
 Supervisor: Robert Senga
 Division Branch: Cleanup Cypress
 Assembly: 74
 Senate: 37
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not Applicable
 Latitude: 33.68044
 Longitude: -117.8720
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 60002151
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

S113000729

Completed Document Type: Phase 1
Completed Date: 03/02/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 06/27/2016
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S113000729
Year: 2016
GEPID: CAD047429824
Contact: JOE RYBURN
Telephone: 7148526318
Mailing Name: Not reported
Mailing Address: 333 MCCORMICK AVE
Mailing City,St,Zip: COSTA MESA, CA 926263422
Gen County: Orange
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0495
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Orange

envid: S113000729
Year: 2016
GEPID: CAD047429824
Contact: JOE RYBURN
Telephone: 7148526318
Mailing Name: Not reported
Mailing Address: 333 MCCORMICK AVE
Mailing City,St,Zip: COSTA MESA, CA 926263422
Gen County: Orange
TSD EPA ID: ARD069748192
TSD County: 99
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.22935
Cat Decode: Off-specification, aged or surplus inorganics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

S113000729

Facility County: Orange

envid: S113000729
Year: 2016
GEPaid: CAD047429824
Contact: JOE RYBURN
Telephone: 7148526318
Mailing Name: Not reported
Mailing Address: 333 MCCORMICK AVE
Mailing City,St,Zip: COSTA MESA, CA 926263422
Gen County: Orange
TSD EPA ID: AZR000501510
TSD County: 99
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.06255
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S113000729
Year: 2016
GEPaid: CAD047429824
Contact: JOE RYBURN
Telephone: 7148526318
Mailing Name: Not reported
Mailing Address: 333 MCCORMICK AVE
Mailing City,St,Zip: COSTA MESA, CA 926263422
Gen County: Orange
TSD EPA ID: AZR000501510
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0834
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S113000729
Year: 2016
GEPaid: CAD047429824
Contact: JOE RYBURN
Telephone: 7148526318
Mailing Name: Not reported
Mailing Address: 333 MCCORMICK AVE
Mailing City,St,Zip: COSTA MESA, CA 926263422
Gen County: Orange
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMICOA (Continued)

S113000729

Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

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

5
SE
< 1/8
0.046 mi.
243 ft.

DANA CREATH DESIGNS INC
3170 AIRWAY
COSTA MESA, CA 92626

RCRA-SQG 1000142222
FINDS CAD982400616
ECHO
EMI
HAZNET

Relative:
Higher
Actual:
48 ft.

RCRA-SQG:
Date form received by agency: 12/01/1989
Facility name: DANA CREATH DESIGNS
Facility address: 3170 AIRWAY
COSTA MESA, CA 92626
EPA ID: CAD982400616
Contact: ENVIRONMENTAL MANAGER
Contact address: 3170 AIRWAY
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-662-0111
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CREATH DESIGNS INC (Continued)

1000142222

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

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002803930

Environmental Interest/Information System

AIR EMISSIONS CLASSIFICATION UNKNOWN

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

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

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

ECHO:

Envid: 1000142222
Registry ID: 110002803930
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002803930>

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 60727

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CREATH DESIGNS INC (Continued)

1000142222

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

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 2
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 2
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 3499
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CREATH DESIGNS INC (Continued)

1000142222

Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 3499
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 3499
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 3499
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CREATH DESIGNS INC (Continued)

1000142222

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 3499
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 60727
Air District Name: SC
SIC Code: 3499
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HAZNET:

envid: 1000142222
Year: 2008
GEPaid: CAD982400616
Contact: DANA E CREATH-PRESIDENT
Telephone: 7146620111
Mailing Name: Not reported
Mailing Address: 3170 AIRWAY AVE
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000142222
Year: 2008
GEPaid: CAD982400616

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CREATH DESIGNS INC (Continued)

1000142222

Contact: DANA E CREATH-PRESIDENT
Telephone: 7146620111
Mailing Name: Not reported
Mailing Address: 3170 AIRWAY AVE
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.10425
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000142222
Year: 2006
GEPaid: CAD982400616
Contact: DANA E CREATH-PRESIDENT
Telephone: 7146620111
Mailing Name: Not reported
Mailing Address: 3170 AIRWAY AVE
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Recycler
Tons: 0.04
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000142222
Year: 2006
GEPaid: CAD982400616
Contact: DANA E CREATH-PRESIDENT
Telephone: 7146620111
Mailing Name: Not reported
Mailing Address: 3170 AIRWAY AVE
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000142222
Year: 2006
GEPaid: CAD982400616
Contact: DANA E CREATH-PRESIDENT
Telephone: 7146620111
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DANA CREATH DESIGNS INC (Continued)

1000142222

Mailing Address: 3170 AIRWAY AVE
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Recycler
Tons: 0.07
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

C6
West
< 1/8
0.054 mi.
283 ft.

SPECIALTY BODY WORKS
330 PAULARINO AVE
COSTA MESA, CA 92626
Site 1 of 2 in cluster C

RCRA-SQG 1000594467
FINDS CAD983582974
ECHO
EMI

Relative:
Higher
Actual:
48 ft.

RCRA-SQG:
Date form received by agency: 05/07/1999
Facility name: SPECIALTY BODY WORKS INC
Facility address: 330 PAULARINO AVE
COSTA MESA, CA 92626
EPA ID: CAD983582974
Contact: ED VAN KLAVEREN
Contact address: 330 PAULARINO AVE
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-557-0780
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ED VAN KLAVEREN
Owner/operator address: 330 PAULARINO AVE
COSTA MESA, CA 92626
Owner/operator country: Not reported
Owner/operator telephone: 714-557-0780
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY BODY WORKS (Continued)

1000594467

NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001

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

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002844815

Environmental Interest/Information System

AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY BODY WORKS (Continued)

1000594467

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1000594467
Registry ID: 110002844815
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002844815>

EMI:

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 105610
Air District Name: SC
SIC Code: 7532
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 105610
Air District Name: SC
SIC Code: 7532
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 105610
Air District Name: SC
SIC Code: 7532
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY BODY WORKS (Continued)

1000594467

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 105610
Air District Name: SC
SIC Code: 7532
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 105610
Air District Name: SC
SIC Code: 7532
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2011
County Code: 30
Air Basin: SC
Facility ID: 105610
Air District Name: SC
SIC Code: 7532
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.12554578929
Reactive Organic Gases Tons/Yr: 0.12237
Carbon Monoxide Emissions Tons/Yr: 0.00689
NOX - Oxides of Nitrogen Tons/Yr: 0.02559

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPECIALTY BODY WORKS (Continued)

1000594467

SOX - Oxides of Sulphur Tons/Yr: 0.00016
 Particulate Matter Tons/Yr: 0.00147
 Part. Matter 10 Micrometers and Smllr Tons/Yr:0.00147

D7
 South
 < 1/8
 0.056 mi.
 298 ft.

JOHN WAYNE AIRPORT
3160 AIRWAY AVE
COSTA MESA, CA 92626
 Site 1 of 6 in cluster D

UST U003779599
N/A

Relative:
Higher
Actual:
50 ft.

UST:
 Facility ID: 19159
 Permitting Agency: ORANGE COUNTY
 Latitude: 33.6797635
 Longitude: -117.8696067

D8
 South
 < 1/8
 0.056 mi.
 298 ft.

3160 AIRWAY AVE
COSTA MESA, CA
 Site 2 of 6 in cluster D

AST A100340575
N/A

Relative:
Higher
Actual:
50 ft.

AST:
 Certified Unified Program Agencies: Orange
 Owner: JOHN WAYNE AIRPORT
 Total Gallons: 1,320
 CERSID: Not reported
 Facility ID: Not reported
 Business Name: Not reported
 Phone: Not reported
 Fax: Not reported
 Mailing Address: Not reported
 Mailing Address City: Not reported
 Mailing Address State: Not reported
 Mailing Address Zip Code: Not reported
 Operator Name: Not reported
 Operator Phone: Not reported
 Owner Phone: Not reported
 Owner Mail Address: Not reported
 Owner State: Not reported
 Owner Zip Code: Not reported
 Owner Country: Not reported
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D9
 South
 < 1/8
 0.056 mi.
 298 ft.

DOUGLAS OIL COMPANY OF CAL*
3160 AIRWAY AVE
COSTA MESA, CA 92626
 Site 3 of 6 in cluster D

EDR Hist Auto **1020536238**
 N/A

Relative:
Higher

EDR Hist Auto

Actual:
50 ft.

Year:	Name:	Type:
1975	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining
1976	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining
1977	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining
1978	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining
1979	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining
1980	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining
1982	DOUGLAS OIL COMPANY OF CAL*	Petroleum Refining

10
ENE
 < 1/8
 0.074 mi.
 392 ft.

POPE CORP
3184 AIRWAY AVE UNIT L
COSTA MESA, CA 92626

RCRA-SQG **1001085650**
FINDS **CAR000009738**
ECHO
HAZNET

Relative:
Lower

RCRA-SQG:

Actual:
44 ft.

Date form received by agency: 02/27/1996
 Facility name: POPE CORP
 Facility address: 3184 AIRWAY AVE UNIT L
 COSTA MESA, CA 92626
 EPA ID: CAR000009738
 Mailing address: AIRWAY AVE UNIT L
 COSTA MESA, CA 92626
 Contact: KATHLEEN LOOMAN
 Contact address: 3184 AIRWAY AVE UNIT L
 COSTA MESA, CA 92626
 Contact country: US
 Contact telephone: 714-241-7673
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: POPE CORP
 Owner/operator address: 261 RIVER ST
 HAVERHILL, MA 01832
 Owner/operator country: Not reported
 Owner/operator telephone: 508-373-5678
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POPE CORP (Continued)

1001085650

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002910459

Environmental Interest/Information System

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

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

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

ECHO:

Envid: 1001085650
Registry ID: 110002910459
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002910459>

HAZNET:

envid: 1001085650
Year: 2002
GEPaid: CAR000009738
Contact: SUE WILLIAMS- SRC CTR MGR
Telephone: 7142417673
Mailing Name: Not reported
Mailing Address: 3184 AIRWAY AVE STE L
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD093459485

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POPE CORP (Continued)

1001085650

TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Treatment, Tank
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001085650
Year: 2000
GEPaid: CAR000009738
Contact: SUE WILLIAMS- SRC CTR MGR
Telephone: 7142417673
Mailing Name: Not reported
Mailing Address: 3184 AIRWAY AVE STE L
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.79
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001085650
Year: 1999
GEPaid: CAR000009738
Contact: POPE CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3184 AIRWAY AVE STE L
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .3336
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001085650
Year: 1997
GEPaid: CAR000009738
Contact: POPE CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3184 AIRWAY AVE STE L
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD093459485
TSD County: Not reported
Waste Category: Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POPE CORP (Continued)

1001085650

Disposal Method: Transfer Station
Tons: .0708
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1001085650
Year: 1996
GEPaid: CAR000009738
Contact: POPE CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3184 AIRWAY AVE STE L
Mailing City,St,Zip: COSTA MESA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Tons: .1500
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

D11
South
< 1/8
0.082 mi.
431 ft.

JOHN WAYNE AIRPORT/FIRE STATION
366 PAULARINO RD
SANTA ANA, CA 92707
Site 4 of 6 in cluster D

LUST S106387332
N/A

Relative:
Higher
Actual:
51 ft.

LUST:
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901723
Global Id: T0605901723
Latitude: 33.6771220582174
Longitude: -117.870104312897
Status: Completed - Case Closed
Status Date: 03/22/2010
Case Worker: RS
RB Case Number: 083002411T
Local Agency: Not reported
File Location: Not reported
Local Case Number: 93UT093
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605901723
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT/FIRE STATION (Continued)

S106387332

Email: rose.scott@waterboards.ca.gov
Phone Number: 9513206375

LUST:

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Verbal Enforcement

Global Id: T0605901723
Action Type: RESPONSE
Date: 09/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605901723
Action Type: RESPONSE
Date: 05/30/2004
Action: Soil and Water Investigation Report

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 08/01/2003
Action: Staff Letter

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 01/10/2003
Action: Staff Letter

Global Id: T0605901723
Action Type: RESPONSE
Date: 05/30/2004
Action: Soil and Water Investigation Workplan

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 03/16/2010
Action: Closure/No Further Action Letter

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 10/07/2005
Action: * No Action

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 08/21/2002
Action: * Verbal Communication

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 05/12/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 04/10/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT/FIRE STATION (Continued)

S106387332

Action: Staff Letter

Global Id: T0605901723
Action Type: RESPONSE
Date: 07/17/2003
Action: Soil and Water Investigation Report

Global Id: T0605901723
Action Type: Other
Date: 01/06/1994
Action: Leak Reported

Global Id: T0605901723
Action Type: RESPONSE
Date: 03/14/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 03/03/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 02/03/2009
Action: File review

Global Id: T0605901723
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0605901723
Action Type: RESPONSE
Date: 10/30/2002
Action: Other Workplan

Global Id: T0605901723
Action Type: RESPONSE
Date: 02/28/2003
Action: Other Report / Document

LUST:

Global Id: T0605901723
Status: Open - Case Begin Date
Status Date: 01/06/1994

Global Id: T0605901723
Status: Completed - Case Closed
Status Date: 03/08/1994

Global Id: T0605901723
Status: Open - Reopen Case
Status Date: 08/20/2002

Global Id: T0605901723
Status: Open - Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT/FIRE STATION (Continued)

S106387332

Status Date: 08/21/2002

Global Id: T0605901723
Status: Open - Site Assessment
Status Date: 09/30/2002

Global Id: T0605901723
Status: Open - Site Assessment
Status Date: 01/02/2003

Global Id: T0605901723
Status: Open - Site Assessment
Status Date: 05/17/2004

Global Id: T0605901723
Status: Open - Verification Monitoring
Status Date: 09/30/2005

Global Id: T0605901723
Status: Completed - Case Closed
Status Date: 03/22/2010

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 93UT093
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 03/10/1994
Record ID: RO0000854

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Pollution Characterization
Case Number: 083002411T
Local Case Num: 93UT093
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605901723
How Stopped Date: Not reported
Enter Date: 4/12/1994
Date Confirmation of Leak Began: 8/21/2002
Date Preliminary Assessment Began: 1/2/2003
Discover Date: Not reported
Enforcement Date: Not reported
Close Date: 3/8/1994

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHN WAYNE AIRPORT/FIRE STATION (Continued)

S106387332

Date Prelim Assessment Workplan Submitted: 9/30/2002
 Date Pollution Characterization Began: 5/17/2004
 Date Remediation Plan Submitted: Not reported
 Date Remedial Action Underway: Not reported
 Date Post Remedial Action Monitoring: Not reported
 Enter Date: 4/12/1994
 GW Qualifies: <
 Soil Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 33.6787257
 Longitude: -117.8725798
 MTBE Date: 12/1/2000
 Max MTBE GW: 100
 MTBE Concentration: 3
 Max MTBE Soil: Not reported
 MTBE Fuel: 1
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 MTBE Class: C
 Staff: RS
 Staff Initials: AR
 Lead Agency: Regional Board
 Local Agency: 30000L
 Hydr Basin #: COASTAL PLAIN OF ORA
 Beneficial: AGR, PROC, IND, MUN
 Priority: A3
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: 3/29/00 Case Transferred to new RB staff

D12
South
< 1/8
0.082 mi.
431 ft.

JOHN WAYNE AIRPORT FIRE STN 33
366 PAULARINO RD
COSTA MESA, CA 92627
Site 5 of 6 in cluster D

SWEEPS UST S101589558
CA FID UST N/A

Relative:
Higher
Actual:
51 ft.

SWEEPS UST:
 Status: Active
 Comp Number: 6881
 Number: 9
 Board Of Equalization: Not reported
 Referral Date: 09-30-92
 Action Date: 09-15-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: 30-000-006881-000001
 Tank Status: A
 Capacity: 1000
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: P
 Content: DIESEL
 Number Of Tanks: 2

 Status: Active
 Comp Number: 6881

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT FIRE STN 33 (Continued)

S101589558

Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-006881-000002
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30017562
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7147512800
Mail To: Not reported
Mailing Address: MANAGERS OFFICE 3151 AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: COSTA MESA 92627
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

D13
South
< 1/8
0.082 mi.
431 ft.

JOHN WAYNE AIRPORT FIRE STN 33
366 PAULARINO AVE
COSTA MESA, CA 92626

UST U003783903
N/A

Site 6 of 6 in cluster D

Relative:
Higher
Actual:
51 ft.

UST:
Facility ID: 6881
Permitting Agency: ORANGE COUNTY
Latitude: 33.67875
Longitude: -117.91017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C14
West
< 1/8
0.094 mi.
494 ft.

PACIFIC BELL
3160 REDHILL AVE
COSTA MESA, CA 92626

RCRA NonGen / NLR
FINDS
ECHO

1000250041
CAD980882468

Site 2 of 2 in cluster C

Relative:
Higher

RCRA NonGen / NLR:

Actual:
47 ft.

Date form received by agency: 09/11/1997
Facility name: PACIFIC BELL
Facility address: 3160 REDHILL AVE
COSTA MESA, CA 92626
EPA ID: CAD980882468
Mailing address: 1854 N NEVILLE
ORANGE, CA 92665
Contact: ENVIRONMENTAL MANAGER
Contact address: 3160 REDHILL AVE
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-974-6680
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 09/01/1996
Site name: PACIFIC BELL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250041

Classification: Small Quantity Generator

Date form received by agency: 04/16/1984

Site name: PACIFIC BELL

Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002673385

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000250041

Registry ID: 110002673385

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002673385>

E15
NNE
< 1/8
0.120 mi.
634 ft.

RESPIRATORY SUPPORT PRODUCTS
3183-D AIRWAY AVE
COSTA MESA, CA 92626

RCRA-SQG **1000347769**
CAD084157270

Site 1 of 2 in cluster E

Relative:
Lower

RCRA-SQG:

Date form received by agency: 09/01/1996

Actual:
42 ft.

Facility name: RESPIRATORY SUPPORT PRODUCTS

Facility address: 3183-D AIRWAY AVE
COSTA MESA, CA 92626

EPA ID: CAD084157270

Mailing address: AIRWAY AVE
COSTA MESA, CA 92626

Contact: Not reported

Contact address: Not reported

Contact telephone: Not reported

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESPIRATORY SUPPORT PRODUCTS (Continued)

1000347769

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

F16
NNW
1/8-1/4
0.127 mi.
670 ft.

PRIME TECHNOLOGY
3183 REDHILL AVENUE
COSTA MESA, CA 92626
Site 1 of 3 in cluster F

RCRA-LQG 1000202567
WDS CAD981573108

Relative:
Lower
Actual:
44 ft.

RCRA-LQG:
Date form received by agency: 02/28/2006
Facility name: PRIME TECHNOLOGY
Facility address: 3183 REDHILL AVENUE
COSTA MESA, CA 92626
EPA ID: CAD981573108

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIME TECHNOLOGY (Continued)

1000202567

Contact: CARL LACER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-513-2266
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CARL LACER
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1999
Owner/Op end date: Not reported

Owner/operator name: PRIME TECHNOLOGY
Owner/operator address: 3183 REDHILL AVENUE
COSTA MESA, CA 92626
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/1999
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIME TECHNOLOGY (Continued)

1000202567

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Historical Generators:

Date form received by agency: 02/27/2004
Site name: PRIME TECHNOLOGIES, INC
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/26/2002
Site name: PRIME TECHNOLOGY
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIME TECHNOLOGY (Continued)

1000202567

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 10/12/2000
Site name: PRIME TECHNOLOGIES, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: MATRIX CIRCUITS, INC.
Classification: Large Quantity Generator

Date form received by agency: 12/29/1998
Site name: PRIME TECHNOLOGIES INC
Classification: Large Quantity Generator

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: F006
- . Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 09/01/1996
Site name: PRIME TECHNOLOGIES INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/14/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIME TECHNOLOGY (Continued)

1000202567

Evaluation lead agency: State

Evaluation date: 06/14/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 06/14/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 06/25/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

WDS:

Facility ID: Santa Ana River 30I016449
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 7145132266
Facility Contact: CARL LACER
Agency Name: PRIME TECHNOLOGIES INC
Agency Address: 3183 RED HILL AVE
Agency City,St,Zip: COSTA MESA 92626
Agency Contact: CARL LACER
Agency Telephone: 7145132266
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PRIME TECHNOLOGY (Continued)

1000202567

Complexity: Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**F17
 NNW
 1/8-1/4
 0.127 mi.
 670 ft.**

**PRIME TECHNOLOGIES, INC.
 3183 REDHILL AVENUE
 COSTA MESA, CA 92626**

**ENVIROSTOR S110494201
 N/A**

Site 2 of 3 in cluster F

**Relative:
 Lower
 Actual:
 44 ft.**

ENVIROSTOR:
 Facility ID: 71002874
 Status: Inactive - Needs Evaluation
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Cypress
 Assembly: 74
 Senate: 37
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 33.64113
 Longitude: -117.9186
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD981573108
 Alias Type: EPA Identification Number
 Alias Name: 110009537518
 Alias Type: EPA (FRS #)
 Alias Name: 71002874
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIME TECHNOLOGIES, INC. (Continued)

S110494201

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**F18
NW
1/8-1/4
0.144 mi.
761 ft.**

**O'NEIL MOVING SYSTEMS INC
275 MCCORMICK AVE
COSTA MESA, CA 92626**

**UST U003970763
N/A**

Site 3 of 3 in cluster F

**Relative:
Lower
Actual:
45 ft.**

UST:
Facility ID: 14955
Permitting Agency: ORANGE COUNTY
Latitude: 33.682602
Longitude: -117.872174

**19
WSW
1/8-1/4
0.155 mi.
819 ft.**

**BEACON BAY ENTERPRISES INC
3152 RED HILL AVE STE 230
COSTA MESA, CA 92626**

**EDR Hist Auto 1021189108
N/A**

**Relative:
Higher**

EDR Hist Auto

**Actual:
48 ft.**

Year:	Name:	Type:
1998	BEACON BAY ENTERPRISES INC	Gasoline Service Stations, NEC
1999	BEACON BAY ENTERPRISES INC	Gasoline Service Stations, NEC
2000	BEACON BAY ENTERPRISES INC	Gasoline Service Stations, NEC
2001	BEACON BAY ENTERPRISES INC	Gasoline Service Stations, NEC
2002	BEACON BAY ENTERPRISES INC	Gasoline Service Stations, NEC

**E20
NNE
1/8-1/4
0.166 mi.
877 ft.**

**CLASSIC TYPE AND PREPRESS
3185 AIRWAY AVE UNIT G
COSTA MESA, CA 92626**

**RCRA-SQG 1000202565
FINDS CAD028446904
ECHO**

Site 2 of 2 in cluster E

**Relative:
Lower
Actual:
39 ft.**

RCRA-SQG:
Date form received by agency: 05/03/1993
Facility name: CLASSIC TYPE AND PREPRESS
Facility address: 3185 AIRWAY AVE UNIT G
COSTA MESA, CA 92626
EPA ID: CAD028446904
Mailing address: 3191 AIRWAY AVE UNIT G
COSTA MESA, CA 92626
Contact: GEORGE SOKOL
Contact address: 3185 AIRWAY AVE UNIT G
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-432-7212
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLASSIC TYPE AND PREPRESS (Continued)

1000202565

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

Owner/Operator Summary:

Owner/operator name: ASSOC OF GRAPHIC COMMUNICATION INC
Owner/operator address: 3185 AIRWAY AVE UNIT G
COSTA MESA, CA 92626
Owner/operator country: Not reported
Owner/operator telephone: 714-432-7212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002640492

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CLASSIC TYPE AND PREPRESS (Continued)

1000202565

Environmental Interest/Information System

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

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

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

ECHO:

Envid: 1000202565
 Registry ID: 110002640492
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002640492>

G21
West
1/8-1/4
0.169 mi.
894 ft.

CERADYNE, INC.
3169 REDHILL AVENUE
COSTA MESA, CA 92626

ENVIROSTOR **1005775296**
WDS **N/A**

Site 1 of 2 in cluster G

Relative:
Higher
Actual:
47 ft.

ENVIROSTOR:
 Facility ID: 71002835
 Status: Inactive - Needs Evaluation
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Cypress
 Assembly: 74
 Senate: 37
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 33.64113
 Longitude: -117.9186
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD981424229
 Alias Type: EPA Identification Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE, INC. (Continued)

1005775296

Alias Name: 71002835
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:

Facility ID: Santa Ana River 30I012045
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 7145490421
Facility Contact: FERNANDO HERNANDEZ
Agency Name: CERADYNE INC
Agency Address: 3169 REDHILL AVE
Agency City,St,Zip: COSTA MESA 92626
Agency Contact: FERNANDO HERNANDEZ
Agency Telephone: 7145490421
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CERADYNE, INC. (Continued)

1005775296

Complexity: considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

G22
West
1/8-1/4
0.169 mi.
894 ft.

CERADYNE INC
3169 REDHILL AVENUE
COSTA MESA, CA 92626
Site 2 of 2 in cluster G

RCRA-SQG 1000145800
FINDS CAD981424229
ECHO
EMI

Relative:
Higher
Actual:
47 ft.

RCRA-SQG:
 Date form received by agency: 09/06/2017
 Facility name: CERADYNE, INC., 3M COMPANY
 Facility address: 3169 RED HILL AVE
 COSTA MESA, CA 92626
 EPA ID: CAD981424229
 Mailing address: BARRANCA PKWY
 IRVINE, CA 92606
 Contact: ULLANDA DAVIS
 Contact address: BARRANCA PKWY
 IRVINE, CA 92606
 Contact country: US
 Contact telephone: 949-862-9644
 Contact email: UDAVIS@MMM.COM
 EPA Region: 09
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
 Owner/operator name: CERADYNE, INC 3M COMPANY
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: Not reported
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 07/01/1987
 Owner/Op end date: Not reported
 Owner/operator name: 3M COMPANY
 Owner/operator address: CENTER GENERAL OFFICES
 SAINT PAUL, MN 55144
 Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/29/2012
Owner/Op end date: Not reported

Owner/operator name: CERADYNE, INC., 3M COMPANY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1983
Owner/Op end date: Not reported

Owner/operator name: TRICO REALTY
Owner/operator address: REDHILL AVE
COSTA MESA, CA 92626
Owner/operator country: US
Owner/operator telephone: 714-549-0421
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1984
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
. Waste code: 134

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

- . Waste name: Aqueous solution with <10% total organic residues
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 491
- . Waste name: Unspecified sludge waste
- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

Historical Generators:

Date form received by agency: 06/07/2016

Site name: CERADYNE INC 3M COMPANY

Classification: Large Quantity Generator

. Waste code: 181

. Waste name: Other inorganic solid waste

. Waste code: 214

. Waste name: Unspecified solvent mixture

. Waste code: 221

. Waste name: Waste oil and mixed oil

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352

. Waste name: Other organic solids

. Waste code: 491

. Waste name: Unspecified sludge waste

. Waste code: D001

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

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/01/2014

Site name: CERADYNE, INC A 3M COMPANY

Classification: Large Quantity Generator

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

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/21/2013

Site name: CERADYNE, INC

Classification: Large Quantity Generator

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 221
- . Waste name: Waste oil and mixed oil

- . Waste code: 352
- . Waste name: Other organic solids

- . Waste code: 491
- . Waste name: Unspecified sludge waste

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

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

- . Waste code: D003
- . Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

Date form received by agency: 01/07/2013

Site name: CERADYNE INC

Classification: Large Quantity Generator

. Waste code: 134

. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135

. Waste name: Unspecified aqueous solution

. Waste code: 151

. Waste name: Asbestos-containing waste

. Waste code: 181

. Waste name: Other inorganic solid waste

. Waste code: 214

. Waste name: Unspecified solvent mixture

. Waste code: 221

. Waste name: Waste oil and mixed oil

. Waste code: 261

. Waste name: Polychlorinated biphenyls and material containing PCB's

. Waste code: 331

. Waste name: Off-specification, aged, or surplus organics

. Waste code: 352

. Waste name: Other organic solids

. Waste code: 491

. Waste name: Unspecified sludge waste

. Waste code: 513

. Waste name: Empty containers less than 30 gallons

. Waste code: 551

. Waste name: Laboratory waste chemicals

. Waste code: D001

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

. Waste code: D003

. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

- . Waste name: LEAD
 - . Waste code: D009
 - . Waste name: MERCURY
 - . Waste code: F003
 - . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
 - . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 08/30/2010
Site name: CERADYNE, INC
Classification: Large Quantity Generator
- . Waste code: D001
 - . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
 - . Waste code: D008
 - . Waste name: LEAD
 - . Waste code: D009
 - . Waste name: MERCURY
 - . Waste code: F003
 - . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/01/1996
Site name: CERADYNE INC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: CERADYNE INC
Classification: Small Quantity Generator

Date form received by agency: 05/15/1990
Site name: CERADYNE INC
Classification: Large Quantity Generator

Date form received by agency: 07/02/1986
Site name: CERADYNE INC
Classification: Large Quantity Generator

Date form received by agency: 07/02/1986
Site name: CERADYNE INC
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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

Amount (Lbs): 56618

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 34

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

MIXTURES.
Amount (Lbs): 56343
Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 55232

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/18/1990
Date achieved compliance: 08/30/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/14/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/10/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/04/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/24/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/21/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/07/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/30/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/30/1994
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002701176

Environmental Interest/Information System

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

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

HAZARDOUS AIR POLLUTANT MAJOR

HAZARDOUS WASTE BIENNIAL REPORTER

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

ECHO:

Envid: 1000145800
Registry ID: 110002701176
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002701176>

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1993
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERADYNE INC (Continued)

1000145800

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

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3269
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2009
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3624
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4.6003948184886001
Reactive Organic Gases Tons/Yr: 3.0356049999999999
Carbon Monoxide Emissions Tons/Yr: 0.3592799999999999
NOX - Oxides of Nitrogen Tons/Yr: 1.3500000000000001
SOX - Oxides of Sulphur Tons/Yr: 6.7790000000000003E-3
Particulate Matter Tons/Yr: 7.5338000000000002E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.5197600000000003E-2

Year: 2010
County Code: 30
Air Basin: SC
Facility ID: 56112
Air District Name: SC
SIC Code: 3624
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.124468651235647
Reactive Organic Gases Tons/Yr: 3.0300000000000001E-2
Carbon Monoxide Emissions Tons/Yr: 0.10971

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CERADYNE INC (Continued)

1000145800

NOX - Oxides of Nitrogen Tons/Yr: 0.40794000000000002
 SOX - Oxides of Sulphur Tons/Yr: 0.0019
 Particulate Matter Tons/Yr: 2.3560000000000001E-2
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0.02355616

Year: 2011
 County Code: 30
 Air Basin: SC
 Facility ID: 56112
 Air District Name: SC
 SIC Code: 3624
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.00021513087128
 Reactive Organic Gases Tons/Yr: 0.00018
 Carbon Monoxide Emissions Tons/Yr: 0.00051
 NOX - Oxides of Nitrogen Tons/Yr: 0.00234
 SOX - Oxides of Sulphur Tons/Yr: 3e-005
 Particulate Matter Tons/Yr: 0.00016
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00015616

23
West
1/8-1/4
0.185 mi.
979 ft.

TRICO
235 PAULARINO AVE
COSTA MESA, CA 92626

UST U003778704
N/A

Relative:
Higher
Actual:
47 ft.

UST:
 Facility ID: 10457
 Permitting Agency: ORANGE COUNTY
 Latitude: 33.68049
 Longitude: -117.87494

24
ENE
1/8-1/4
0.189 mi.
997 ft.

GERMAN AUTO WORKS
3186 G AIRWAY
COSTA MESA, CA 92626

RCRA-SQG 1000595748
FINDS CAD983597022
ECHO

Relative:
Lower
Actual:
38 ft.

RCRA-SQG:
 Date form received by agency:07/26/1991
 Facility name: GERMAN AUTO WORKS
 Facility address: 3186 G AIRWAY
 COSTA MESA, CA 92626
 EPA ID: CAD983597022
 Mailing address: 3186 G AIRWAY AVE
 COSTA MESA, CA 92626
 Contact: MIKE JORDAN
 Contact address: 3186 G AIRWAY
 COSTA MESA, CA 92626
 Contact country: US
 Contact telephone: 714-540-3044
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GERMAN AUTO WORKS (Continued)

1000595748

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110002854545

Environmental Interest/Information System

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GERMAN AUTO WORKS (Continued)

1000595748

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

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

ECHO:

Envid: 1000595748
 Registry ID: 110002854545
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002854545>

H25
SW
1/8-1/4
0.201 mi.
1063 ft.

Relative:
Higher

Actual:
50 ft.

JOHN WAYNE AIRPORT WEST AIRFIE
3151 AIRWAY AVE
COSTA MESA, CA 92627

Site 1 of 3 in cluster H

CPS-SLIC **S101631297**
SWEEPS UST **N/A**
CA FID UST
Orange Co. Industrial Site
Cortese
ENF
HAZNET
WDS
CIWQS

CPS-SLIC:

Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 02/03/2009
 Global Id: SL208013856
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Lead Agency Case Number: Not reported
 Latitude: 33.6664788951059
 Longitude: -117.872722148895
 Case Type: Cleanup Program Site
 Case Worker: RS
 Local Agency: Not reported
 RB Case Number: SL208013856
 File Location: Regional Board Warehouse
 Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
 Potential Contaminants of Concern: Trichloroethylene (TCE), Aviation, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
 Site History: Large petrochemical storage for fueling airplanes and vehicles at the facility. Several releases and discharges.

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

SWEEPS UST:

Status: Active
 Comp Number: 9158
 Number: 9
 Board Of Equalization: Not reported
 Referral Date: 09-30-92
 Action Date: 09-15-92
 Created Date: 02-29-88
 Owner Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

SWRCB Tank Id: 30-000-009158-000001
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 2

Status: Active
Comp Number: 9158
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-009158-000002
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: 2

CA FID UST:

Facility ID: 30017621
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3151 AIRWAY BLDG M3 ATTN:
Mailing Address 2: Not reported
Mailing City,St,Zip: COSTA MESA 92627
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Orange Co. Industrial Site:

Case ID: 89IC049
Record ID: RO0000226
Current Status: CLOSED 3/16/1990
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: TRICHLOROETHYLENE

CORTESE:

Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 8
WID Id: 8 302562N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Region: 8
Facility Id: 233949
Agency Name: John Wayne Airport
Place Type: Service/Commercial
Place Subtype: Service/Commercial Site, NEC
Facility Type: All other facilities
Agency Type: Other
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 4581
SIC Desc 1: Airports, Flying Fields, and Airport Terminal Services
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: Not reported
Of Programs: 1
WDID: 8 302562N01
Reg Measure Id: 158760

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

Reg Measure Type:	Unregulated
Region:	8
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225060
Region:	8
Order / Resolution Number:	88-123
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/09/1988
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	CAO 88-123 for John Wayne Airport
Description:	GROUND WATER CLEAN UP
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	259061
Agency Name:	John Wayne Airport
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Other
# Of Agencies:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4581
SIC Desc 1:	Airports, Flying Fields, and Airport Terminal Services
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	1
Threat To Water Quality:	2
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Stormwater runoff
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	Not reported
# Of Programs:	1
WDID:	8 302654001
Reg Measure Id:	205955
Reg Measure Type:	Enrollee
Region:	8
Order #:	90-067
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/08/1990
Effective Date:	06/08/1990
Expiration/Review Date:	Not reported
Termination Date:	07/01/2008
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222981
Region:	8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

Order / Resolution Number: 96-078
Enforcement Action Type: Admin Civil Liability
Effective Date: 09/06/1996
Adoption/Issuance Date: Not reported
Achieve Date: 1996-11-15
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 8 302654001
Description: 13385 - FAILURE TO SUBMIT NPDES RENEWAL APPLICATION.
SUSPENSION OF \$1000 CONTINGENT UPON SUBMISSION OF THE
APPLICATION WITHIN 30 DAYS.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: 1996-11-15
Of Programs1: 1
Total Assessment Amount: 4000
Initial Assessed Amount: 0
Liability \$ Amount: 4000
Project \$ Amount: 0
Liability \$ Paid: 4000
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 4000

HAZNET:

envid: S101631297
Year: 2016
GEPaid: CAC002853895
Contact: RAYMOND HIEMSTRA
Telephone: 7148501965
Mailing Name: Not reported
Mailing Address: 3151 AIRWAY AVE STE F110
Mailing City,St,Zip: COSTA MESA, CA 926264621
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.0075
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101631297
Year: 2016
GEPaid: CAC002853895
Contact: RAYMOND HIEMSTRA
Telephone: 7148501965
Mailing Name: Not reported
Mailing Address: 3151 AIRWAY AVE STE F110
Mailing City,St,Zip: COSTA MESA, CA 926264621
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus inorganics

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.0025
Cat Decode: Off-specification, aged or surplus inorganics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101631297
Year: 2016
GEPAID: CAC002853895
Contact: RAYMOND HIEMSTRA
Telephone: 7148501965
Mailing Name: Not reported
Mailing Address: 3151 AIRWAY AVE STE F110
Mailing City,St,Zip: COSTA MESA, CA 926264621
Gen County: Orange
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.0025
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

WDS:

Facility ID: Santa Ana River 30I005741
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8
Facility Telephone: 9492525269
Facility Contact: CHRIS CALIENDO
Agency Name: ORANGE CO. DEPT. OF AIRPORTS
Agency Address: 3151 AIRWAY AVENUE
Agency City,St,Zip: COSTA MESA 92626
Agency Contact: ALAN L. MURPHY
Agency Telephone: Not reported
Agency Type: County
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHN WAYNE AIRPORT WEST AIRFIE (Continued)

S101631297

Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: John Wayne Airport
 Agency Address: 3160 Airway Avenue, Costa Mesa, CA 92626
 Place/Project Type: Other
 SIC/NAICS: 4581
 Region: 8
 Program: INDSTW, NPDNONMUNIPRCS
 Regulatory Measure Status: Historical
 Regulatory Measure Type: Enrollee
 Order Number: 90-067
 WDID: 8 302654001
 NPDES Number: Not reported
 Adoption Date: Not reported
 Effective Date: 06/08/1990
 Termination Date: 07/01/2008
 Expiration/Review Date: Not reported
 Design Flow: 1
 Major/Minor: Minor
 Complexity: B
 TTWQ: 0
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: Not reported
 Longitude: Not reported

I26
NE
1/8-1/4
0.234 mi.
1237 ft.

AUTOHAUS BERLIN CO INC
3188 L AIRWAY AVE
COSTA MESA, CA 92626

Site 1 of 3 in cluster I

RCRA-SQG 1000594938
FINDS CAD983588245
ECHO
HAZNET

Relative:
Lower

RCRA-SQG:
 Date form received by agency: 07/05/1991
 Facility name: AUTOHAUS BERLIN CO INC
 Facility address: 3188 L AIRWAY AVE
 COSTA MESA, CA 92626
 EPA ID: CAD983588245
 Contact: REICHMAN HARRY
 Contact address: 3188 L AIRWAY AVE

Actual:
36 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOHAUS BERLIN CO INC (Continued)

1000594938

COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-751-6989
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOHAUS BERLIN CO INC (Continued)

1000594938

Violation Status: No violations found

FINDS:

Registry ID: 110002848492

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000594938
Registry ID: 110002848492
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002848492>

HAZNET:

envid: 1000594938
Year: 1998
GEPID: CAD983588245
Contact: HARRY REICHMAN
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3188 AIRWAY AVE STE L
Mailing City,St,Zip: COSTA MESA, CA 926264652
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .0625
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

**I27
NE
1/8-1/4
0.234 mi.
1237 ft.**

**HOWENSTINE JOHN INC
3188-J AIRWAY AVE
COSTA MESA, CA 92626
Site 2 of 3 in cluster I**

**RCRA NonGen / NLR 1000208556
CAD078149812**

**Relative:
Lower
Actual:
36 ft.**

RCRA NonGen / NLR:
Date form received by agency: 08/15/1980
Facility name: HOWENSTINE JOHN INC
Facility address: 3188-J AIRWAY AVE
COSTA MESA, CA 92626
EPA ID: CAD078149812
Mailing address: AIRWAY AVE
COSTA MESA, CA 92626
Contact: ENVIRONMENTAL MANAGER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOWENSTINE JOHN INC (Continued)

1000208556

Contact address: 3188-J AIRWAY AVE
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-557-4064
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I28
NE
1/8-1/4
0.234 mi.
1237 ft.

GUNTHERS PRINTING
3188 BLDG F AIRWAY AVE
COSTA MESA, CA 92626

RCRA NonGen / NLR
FINDS
ECHO
HAZNET

1000409143
CAD982522930

Site 3 of 3 in cluster I

Relative:
Lower

RCRA NonGen / NLR:

Actual:
36 ft.

Date form received by agency: 04/13/1989
Facility name: GUNTHERS PRINTING
Facility address: 3188 BLDG F AIRWAY AVE
COSTA MESA, CA 92626
EPA ID: CAD982522930
Mailing address: BLDG F AIRWAY AVE
COSTA MESA, CA 92626
Contact: ENVIRONMENTAL MANAGER
Contact address: 3188 BLDG F AIRWAY AVE
COSTA MESA, CA 92626
Contact country: US
Contact telephone: 714-556-3660
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

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

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUNTERS PRINTING (Continued)

1000409143

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002841480

Environmental Interest/Information System

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

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

ECHO:

Envid: 1000409143
Registry ID: 110002841480
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002841480>

HAZNET:

envid: 1000409143
Year: 1993
GEPaid: CAD982522930
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3188 BLDG F AIRWAY AVE
Mailing City,St,Zip: COSTA MESSA, CA 926260000
Gen County: Not reported
TSD EPA ID: CAD982524613
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 5.0000000000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

H29 SW 1/8-1/4 0.236 mi. 1247 ft.	ORANGE COUNTY FIRE STATIO 18992 SANTA ANA, CA 92707 Site 2 of 3 in cluster H	HIST CORTESE	S103065508 N/A
Relative: Higher	HIST CORTESE: Region: CORTESE Facility County Code: 30 Reg By: LTNKA Reg Id: 083000548T		
Actual: 51 ft.			

J30 North 1/8-1/4 0.247 mi. 1302 ft.	ITT BUSINESS MACHINES, INC. 3191 RED HILL AVENUE COSTA MESA, CA Site 1 of 5 in cluster J	CPS-SLIC	S108542907 N/A
Relative: Lower	SLIC REG 8: Type: Soil and Groundwater Facility Status: Closed Staff: MGC Substance: HYDR OIL Lead Agency: Regional Board Location Code: CM-7 Thomas Bros Code: 859-F4		
Actual: 37 ft.			

J31 North 1/8-1/4 0.247 mi. 1302 ft.	ITT BUSINESS MACHINES, INC. 3191 REDHILL AVENUE COSTA MESA, CA Site 2 of 5 in cluster J	CPS-SLIC	S106486984 N/A
Relative: Lower	CPS-SLIC: Region: STATE Facility Status: Completed - Case Closed Status Date: 05/12/2010 Global Id: SLT8R2143992 Lead Agency: ORANGE COUNTY Lead Agency Case Number: Not reported Latitude: 33.6663114340909 Longitude: -117.912097261932 Case Type: Cleanup Program Site Case Worker: Not reported Local Agency: Not reported RB Case Number: SLT8R214 File Location: Not reported Potential Media Affected: Not reported Potential Contaminants of Concern: Not reported Site History: Not reported		
Actual: 37 ft.			

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J32
North
1/8-1/4
0.250 mi.
1319 ft.

TONER PLANT
3191 RED HILL AVE
COSTA MESA, CA 92626

Site 3 of 5 in cluster J

HIST UST **U001576861**
N/A

Relative:
Lower

Actual:
38 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000016665
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	MIKE DUFFY/MANAGER
Telephone:	7145564700
Owner Name:	CANON BUSINESS MACHINES, INC.
Owner Address:	3191 RED HILL AVENUE
Owner City,St,Zip:	COSTA MESA, CA 92626
Total Tanks:	0004

Tank Num:	001
Container Num:	1
Year Installed:	1975
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	1975
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	1975
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	1975
Tank Capacity:	00002500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J33
North
1/8-1/4
0.250 mi.
1319 ft.
Relative:
Lower
Actual:
38 ft.

CANON BUSINESS MACHINES INC
3191 RED HILL AVENUE
COSTA MESA, CA 92626
Site 4 of 5 in cluster J

LUST 1000335321
UST N/A
HIST UST
Orange Co. Industrial Site
FINDS
ECHO
EMI
HIST CORTESE

LUST:

Lead Agency: ORANGE COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901019
 Global Id: T0605901019
 Latitude: 33.68393
 Longitude: -117.87059
 Status: Completed - Case Closed
 Status Date: 09/11/1990
 Case Worker: DB
 RB Case Number: 083001341T
 Local Agency: ORANGE COUNTY LOP
 File Location: Local Agency
 Local Case Number: 89UT190
 Potential Media Affect: Soil
 Potential Contaminants of Concern: * Solvents
 Site History: Not reported

LUST:

Global Id: T0605901019
 Contact Type: Local Agency Caseworker
 Contact Name: DENAMARIE BAKER
 Organization Name: ORANGE COUNTY LOP
 Address: 1241 E. DYER ROAD, STE. 120
 City: SANTA ANA
 Email: dbaker@ochca.com
 Phone Number: 7144336255

Global Id: T0605901019
 Contact Type: Regional Board Caseworker
 Contact Name: PATRICIA HANNON
 Organization Name: SANTA ANA RWQCB (REGION 8)
 Address: 3737 MAIN STREET, SUITE 500
 City: RIVERSIDE
 Email: phannon@waterboards.ca.gov
 Phone Number: Not reported

LUST:

Global Id: T0605901019
 Action Type: Other
 Date: 09/25/1989
 Action: Leak Reported

Global Id: T0605901019
 Action Type: Other
 Date: 09/25/1989
 Action: Leak Discovery

LUST:

Global Id: T0605901019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

Status: Open - Case Begin Date
Status Date: 09/25/1989

Global Id: T0605901019
Status: Completed - Case Closed
Status Date: 09/11/1990

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605955203
Global Id: T0605955203
Latitude: 33.684073
Longitude: -117.870871
Status: Completed - Case Closed
Status Date: 11/07/1988
Case Worker: DB
RB Case Number: Not reported
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 87UT038
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Stoddard solvent / Mineral Spruits / Distillates
Site History: Not reported

LUST:

Global Id: T0605955203
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605955203
Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: tmbeke-ekanem@waterboards.ca.gov
Phone Number: 9513202007

LUST:

Global Id: T0605955203
Status: Completed - Case Closed
Status Date: 11/07/1988

Global Id: T0605955203
Status: Open - Case Begin Date
Status Date: 11/07/1988

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 87UT038

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

Released Substance: Stoddard solvent (Type 1, petroleum spirits)
Date Closed: 11/07/1988
Record ID: RO0001715

Region: ORANGE
Facility Id: 89UT190
Released Substance: Solvents
Date Closed: 09/11/1990
Record ID: RO0001160

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001341T
Local Case Num: 89UT190
Case Type: Soil only
Substance: Solvents
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901019
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 9/25/1989
Enforcement Date: Not reported
Close Date: 9/11/1990
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.6851155
Longitude: -117.8689666
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
MTBE Class: *

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

Staff:	PAH
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	87UT038
Case Type:	Undefined
Substance:	Stoddard Solvent
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605955203
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/1/1965
Enforcement Date:	Not reported
Close Date:	11/7/1988
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

Staff: TME
Staff Initials: AR
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

UST:

Facility ID: 947
Permitting Agency: ORANGE COUNTY
Latitude: 33.685279
Longitude: -117.869241

HIST UST:

File Number: 0002E6A6
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E6A6.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

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

Click here for Geo Tracker PDF:

Orange Co. Industrial Site:

Case ID: 03IC007
Record ID: RO0003138
Current Status: CLOSED 4/12/2006
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE; TRICHLOROETHYLENE; ORGANIC COMPOUNDS

FINDS:

Registry ID: 110002659310

Environmental Interest/Information System
TSCA SUBMITTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1000335321
Registry ID: 110002659310
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002659310>

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES INC (Continued)

1000335321

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

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 20144
Air District Name: SC
SIC Code: 3861
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001341T

J34
North
1/8-1/4
0.250 mi.
1319 ft.

CANON BUSINESS MACHINES
3191 RED HILL AVENUE
COSTA MESA, CA 92626

RCRA-LQG 1007198964
CAD078140068

Site 5 of 5 in cluster J

Relative:
Lower
Actual:
38 ft.

RCRA-LQG:
Date form received by agency:04/08/2002
Facility name: CANON BUSINESS MACHINES
Site name: CANON BUSINESS MACHINES, INC.
Facility address: 3191 RED HILL AVENUE
COSTA MESA, CA 92626

EPA ID: CAD078140068
Contact: MAC MCCLELLAN
Contact address: Not reported
Not reported

Contact country: US
Contact telephone: 714-433-8900
Contact email: MMCCLELLAN@CBM.CANON.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES (Continued)

1007198964

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

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

- . Waste code: 135
- . Waste name: Unspecified aqueous solution

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 221
- . Waste name: Waste oil and mixed oil

- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

- . Waste code: 512
- . Waste name: Other empty containers 30 gallons or more

- . Waste code: 551
- . Waste name: Laboratory waste chemicals

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

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES (Continued)

1007198964

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 10/12/2000
Site name: CANON BUSINESS MACHINES, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999
Site name: CANON BUSINESS MACHINES, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/01/1996
Site name: CANON BUSINESS MACHINES INC
Classification: Large Quantity Generator

Date form received by agency: 03/10/1994
Site name: CANON BUSINESS MACHINES INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CANON BUSINESS MACHINES (Continued)

1007198964

Site name: CANON BUSINESS MACHINES INC
Classification: Large Quantity Generator

Date form received by agency: 03/13/1990

Site name: CANON BUSINESS MACHINES INC
Classification: Large Quantity Generator

Violation Status: No violations found

H35 **MSI DATA CORP**
SW **335 BAKER AVE**
1/4-1/2 **COSTA MESA, CA 92626**
0.252 mi.
1329 ft.

SEMS-ARCHIVE **1015732745**
RCRA-SQG **CAD053853644**

Site 3 of 3 in cluster H

Relative:
Higher
Actual:
50 ft.

SEMS Archive:
Site ID: 900312
EPA ID: CAD053853644
Cong District: 40
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 900312
EPA ID: CAD053853644
Site Name: MSI DATA CORP
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1992-03-31 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 900312
EPA ID: CAD053853644
Site Name: MSI DATA CORP
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1992-03-31 00:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 9
Site ID: 900312
EPA ID: CAD053853644
Site Name: MSI DATA CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MSI DATA CORP (Continued)

1015732745

NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-01-01 00:00:00
Finish Date: 1991-01-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA-SQG:

Date form received by agency: 03/11/2002
Facility name: TOYOTA RACING DEVELOPMENT USA INC
Facility address: 335 E BAKER ST
COSTA MESA, CA 92626
EPA ID: CAD053853644
Mailing address: E BAKER ST
COSTA MESA, CA 92626
Contact: FRANK LOPEZ
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 714-444-1188
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MSI DATA CORPORATION
Owner/operator address: 340 FISCHER AVE
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: 714-549-6000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TRD USA INC
Owner/operator address: 335 E BAKER
COSTA MESA, CA 92626
Owner/operator country: Not reported
Owner/operator telephone: 714-444-1188
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MSI DATA CORP (Continued)

1015732745

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/11/2002
Site name: TOYOTA RACING DEVELOPMENT USA INC
Classification: Large Quantity Generator

Date form received by agency: 04/03/1995
Site name: TRD USA INC
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 03/22/1989
Date achieved compliance: 08/21/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 03/22/1989
Date achieved compliance: 08/21/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MSI DATA CORP (Continued)

1015732745

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 09/29/1987
Date achieved compliance: 10/22/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/14/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/28/1987
Date achieved compliance: 03/22/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 04/28/1987
Date achieved compliance: 03/22/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/05/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/07/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: Local

Evaluation date: 02/22/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MSI DATA CORP (Continued)

1015732745

Date achieved compliance: Not reported
 Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/22/1989
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - Closure/Post-Closure
 Date achieved compliance: 08/21/1989
 Evaluation lead agency: State

Evaluation date: 03/22/1989
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 08/21/1989
 Evaluation lead agency: State

Evaluation date: 03/14/1989
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 09/29/1987
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: TSD - Financial Requirements
 Date achieved compliance: 10/22/1987
 Evaluation lead agency: State

Evaluation date: 04/28/1987
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Generators - General
 Date achieved compliance: 03/22/1989
 Evaluation lead agency: State

Evaluation date: 04/28/1987
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 03/22/1989
 Evaluation lead agency: State

K36
SSW
1/4-1/2
0.289 mi.
1526 ft.

SANTA ANA TOWER FAA/AFSFO-8525
18990 IKE JONES RD
SANTA ANA, CA 92707
Site 1 of 4 in cluster K

CPS-SLIC **U001578334**
UST **N/A**
SWEEPS UST
HIST UST

Relative:
Higher
Actual:
52 ft.

CPS-SLIC:
 Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 01/01/2013
 Global Id: T0605900442
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Lead Agency Case Number: Not reported
 Latitude: 33.6766203101665
 Longitude: -117.87058050744
 Case Type: Cleanup Program Site
 Case Worker: RS
 Local Agency: Not reported
 RB Case Number: 083000556T
 File Location: Regional Board

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ANA TOWER FAA/AFSFO-8525 (Continued)

U001578334

Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Part of larger John Wayne Airport facility investigation.

[Click here to access the California GeoTracker records for this facility:](#)

UST:

Facility ID: 6663
Permitting Agency: ORANGE COUNTY
Latitude: 33.67527
Longitude: -117.87268

SWEEPS UST:

Status: Active
Comp Number: 6663
Number: 9
Board Of Equalization: 44-016512
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-006663-000001
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

HIST UST:

File Number: 0002E8F9
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E8F9.pdf>
Region: STATE
Facility ID: 00000059017
Facility Type: Other
Other Type: STANDBY POWER
Contact Name: MATTHEW KING
Telephone: 6192935271
Owner Name: FEDERAL AVIATION ADMINISTRATIO
Owner Address: 8575 GIBBS DRIVE, SUITE 101
Owner City,St,Zip: SAN DIEGO, CA 92123
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000515
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K37 **SANTA ANA TOWER FAA/AFSFO-8525**
SSW **18990 IKE JONES RD**
1/4-1/2 **SANTA ANA, CA 92707**
0.289 mi.
1526 ft. **Site 2 of 4 in cluster K**

LUST **S101619826**
CA FID UST
HIST CORTESE **N/A**

Relative:
Higher

Actual:
52 ft.

<p>Relative: Higher Actual: 52 ft.</p>	<p>LUST REG 8: Region: 8 County: Orange Regional Board: Santa Ana Region Facility Status: Pollution Characterization Case Number: 083000556T Local Case Num: Not reported Case Type: Soil only Substance: Heater Fuel Qty Leaked: Not reported Abate Method: Not reported Cross Street: PAULARINO Enf Type: Not reported Funding: Not reported How Discovered: Not reported How Stopped: Not reported Leak Cause: Not reported Leak Source: Not reported Global ID: T0605900442 How Stopped Date: Not reported Enter Date: 7/21/1987 Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: Not reported Discover Date: Not reported Enforcement Date: Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: 7/20/1987 Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: 7/21/1987 GW Qualifies: Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversite Program: LUST Latitude: 33.671156 Longitude: -117.8662246 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration: 0 Max MTBE Soil: Not reported MTBE Fuel: 0 MTBE Tested: Not Required to be Tested. MTBE Class: * Staff: RS Staff Initials: AR Lead Agency: Regional Board Local Agency: 30000L Hydr Basin #: COASTAL PLAIN OF ORA Beneficial: Not reported</p>
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA ANA TOWER FAA/AFSFO-8525 (Continued)

S101619826

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

CA FID UST:

Facility ID: 30000644
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145575696
Mail To: Not reported
Mailing Address: MONTGOMERY FLD ATTN:
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92707
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000556T

K38 ORANGE COUNTY FIRE STATION #33
SSW 18992 IKE JONES RD
1/4-1/2 SANTA ANA, CA 92707
0.290 mi.
1530 ft. Site 3 of 4 in cluster K

LUST S101300014
N/A

Relative:
Higher

LUST REG 8:

Actual:
52 ft.

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment underway
Case Number: 083000548T
Local Case Num: Not reported
Case Type: Soil only
Substance: Heater Fuel
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: PAULARINO
Enf Type: SEL
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605900437
How Stopped Date: 9/2/1986
Enter Date: 7/21/1987

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ORANGE COUNTY FIRE STATION #33 (Continued)

S101300014

Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	7/11/2003
Discover Date:	9/2/1986
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/20/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/21/1987
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671156
Longitude:	-117.8662246
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	AR
Lead Agency:	Regional Board
Local Agency:	30000L
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

K39
SSW
 1/4-1/2
 0.290 mi.
 1530 ft.

ORANGE COUNTY FIRE STATION #33
18992 IKE JONES RD
SANTA ANA, CA 92707
 Site 4 of 4 in cluster K

CPS-SLIC S118504609
N/A

Relative:
Higher
Actual:
52 ft.

CPS-SLIC:	
Region:	STATE
Facility Status:	Open - Site Assessment
Status Date:	07/11/2003
Global Id:	T0605900437
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	Not reported
Latitude:	33.677514901447
Longitude:	-117.87003993988
Case Type:	Cleanup Program Site
Case Worker:	RS
Local Agency:	Not reported
RB Case Number:	083000548T
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORANGE COUNTY FIRE STATION #33 (Continued)

S118504609

Potential Contaminants of Concern: Alcohols, Heating Oil / Fuel Oil, Gasoline
Site History: Part of Larger John Wayne Airport Facility investigation. Fire retardant chemicals and ethanol of concern.

[Click here to access the California GeoTracker records for this facility:](#)

L40
WSW
1/4-1/2
0.301 mi.
1588 ft.

WESTERN DIGITAL CORPORATION
3128 REDHILL AVE
COSTA MESA, CA 92626

Site 1 of 3 in cluster L

SEMS 1000403002
RCRA-SQG CAD051983567
HIST UST
FINDS
ECHO

Relative:
Higher

SEMS:

Actual:
47 ft.

Site ID: 904275
EPA ID: CAD051983567
Cong District: 40
FIPS Code: 6059
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:

Region: 9
Site ID: 904275
EPA ID: CAD051983567
Site Name: WESTERN DIGITAL CORPORATION
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-01-13 00:00:00
Finish Date: 1/13/1992
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 904275
EPA ID: CAD051983567
Site Name: WESTERN DIGITAL CORPORATION
NPL: N
FF: N
OU: 0
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 00:00:00
Finish Date: 10/1/2014
Qual: N
Current Action Lead: EPA Perf

Region: 9
Site ID: 904275
EPA ID: CAD051983567
Site Name: WESTERN DIGITAL CORPORATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORPORATION (Continued)

1000403002

NPL: N
FF: N
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1992-04-16 00:00:00
Finish Date: 5/18/1993
Qual: L
Current Action Lead: EPA Perf

Region: 9
Site ID: 904275
EPA ID: CAD051983567
Site Name: WESTERN DIGITAL CORPORATION
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1992-06-15 00:00:00
Finish Date: 6/15/1992
Qual: Not reported
Current Action Lead: EPA Perf

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: WESTERN DIGITAL CORPORATION
Facility address: 3128 REDHILL AVE
COSTA MESA, CA 92626
EPA ID: CAD051983567
Mailing address: 3128 RED HILL AVE BOX 2180
NEWPORT BEACH, CA 92663
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORPORATION (Continued)

1000403002

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

Owner/operator name: WESTERN DIGITAL CORPORATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 09/01/1996
Site name: WESTERN DIGITAL CORPORATION
Classification: Small Quantity Generator

Date form received by agency: 02/28/1992
Site name: WESTERN DIGITAL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Site name: WESTERN DIGITAL CORPORATION
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/28/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORPORATION (Continued)

1000403002

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000014495
Facility Type: Other
Other Type: SEMICONDUCTOR MFGR.
Contact Name: RICK ERNST FACILITIES MGR.
Telephone: 7148630102
Owner Name: WESTERN DIGITAL CORPORATION
Owner Address: 2445 MCCABE WAY
Owner City,St,Zip: IRVINE, CA 92714
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: 1970
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

FINDS:

Registry ID: 110002144732

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

SUPERFUND (NON-NPL)

STATE MASTER

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

ECHO:

Envid: 1000403002
Registry ID: 110002144732
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002144732>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L41 **WESTERN DIGITAL CORP**
WSW **3128 RED HILL AV**
1/4-1/2 **COSTA MESA, CA 92676**
0.301 mi.
1588 ft. **Site 2 of 3 in cluster L**

LUST **S101299473**
EMI **N/A**
HAZNET
HIST CORTESE

Relative:
Higher
Actual:
47 ft.

LUST:
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900354
Global Id: T0605900354
Latitude: 33.6776107
Longitude: -117.8761739
Status: Completed - Case Closed
Status Date: 04/25/2006
Case Worker: CAB
RB Case Number: 083000442T
Local Agency: ORANGE COUNTY
File Location: Not reported
Local Case Number: 92UT023
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Acetone, Dichloroethane (DCA), Dichloroethene (DCE), Other Solvent
Site History: Not reported

LUST:
Global Id: T0605900354
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900354
Contact Type: Local Agency Caseworker
Contact Name: LUIS LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0605900354
Action Type: Other
Date: 04/22/1992
Action: Leak Discovery

Global Id: T0605900354
Action Type: RESPONSE
Date: 02/14/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900354
Action Type: RESPONSE
Date: 04/13/2006
Action: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORP (Continued)

S101299473

Global Id: T0605900354
Action Type: RESPONSE
Date: 04/16/2006
Action: Other Report / Document

Global Id: T0605900354
Action Type: ENFORCEMENT
Date: 04/25/2006
Action: Closure/No Further Action Letter

Global Id: T0605900354
Action Type: REMEDIATION
Date: 04/01/1992
Action: Excavation

Global Id: T0605900354
Action Type: ENFORCEMENT
Date: 03/15/2006
Action: Notification - Fee Title Owners Notice

Global Id: T0605900354
Action Type: ENFORCEMENT
Date: 03/28/2006
Action: Staff Letter

Global Id: T0605900354
Action Type: Other
Date: 07/07/1986
Action: Leak Reported

Global Id: T0605900354
Action Type: ENFORCEMENT
Date: 01/12/2006
Action: Meeting

LUST:

Global Id: T0605900354
Status: Open - Case Begin Date
Status Date: 07/07/1986

Global Id: T0605900354
Status: Open - Site Assessment
Status Date: 04/01/1992

Global Id: T0605900354
Status: Open - Site Assessment
Status Date: 05/01/1992

Global Id: T0605900354
Status: Open - Verification Monitoring
Status Date: 05/21/1993

Global Id: T0605900354
Status: Completed - Case Closed
Status Date: 04/25/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORP (Continued)

S101299473

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 86UT041
Released Substance: Acetic acid; Methylene chloride
Date Closed: 04/22/1992
Record ID: RO0001770

Region: ORANGE
Facility Id: 92UT023
Released Substance: Acetone, etc.
Date Closed: 01/29/1992
Record ID: RO0001449

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000442T
Local Case Num: 92UT023
Case Type: Other ground water affected
Substance: 81595
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: KALMUS
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605900354
How Stopped Date: Not reported
Enter Date: 6/11/1987
Date Confirmation of Leak Began: 4/1/1992
Date Preliminary Assessment Began: Not reported
Discover Date: 4/22/1992
Enforcement Date: Not reported
Close Date: 5/21/1993
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: 5/1/1992
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: 6/11/1987
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.6776107
Longitude: -117.8761739
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORP (Continued)

S101299473

Max MTBE Soil: Not reported
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
MTBE Class: *
Staff: CAB
Staff Initials: LAL
Lead Agency: Regional Board
Local Agency: 30000
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: PREVIOUSLY ACETIC ACID CONTAMINATED SOIL,CASE CLOSED 9/17/86CASE REOPENED
4/22/92, TCE AND 1,1-DCE FOUND IN GROUNDWATER SAMPLES COLLECTED FROM
GROUNDWATER MONITORING WELL.

EMI:

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 16727
Air District Name: SC
SIC Code: 3674
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HAZNET:

envid: S101299473
Year: 2016
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.02
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORP (Continued)

S101299473

envid: S101299473
Year: 2016
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5087
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101299473
Year: 2016
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.22935
Cat Decode: Laboratory waste chemicals
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Orange

envid: S101299473
Year: 2015
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Liquids with pH <= 2
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIGITAL CORP (Continued)

S101299473

envid: S101299473
Year: 2015
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.5445
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

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

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000442T

L42
WSW
1/4-1/2
0.301 mi.
1588 ft.

WESTERN DIGITAL CORP
3128 RED HILL AVE
COSTA MESA, CA 92626

LUST S122221968
N/A

Site 3 of 3 in cluster L

Relative:
Higher
Actual:
47 ft.

ORANGE CO. LUST:
Region: ORANGE
Facility Id: 92UT023
Released Substance: ACETONE
Date Closed: Not reported
Record ID: RO0000419

43
SSW
1/4-1/2
0.302 mi.
1592 ft.

THE ABBEY SCHERER COMPANY
3130 AIRWAY
COSTA MESA, CA 92626

LUST S101299417
HIST CORTESE N/A

Relative:
Higher
Actual:
51 ft.

LUST:
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901220
Global Id: T0605901220
Latitude: 33.675135
Longitude: -117.873125
Status: Completed - Case Closed
Status Date: 05/30/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE ABBEY SCHERER COMPANY (Continued)

S101299417

Case Worker: DB
RB Case Number: 083001610T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 90UT174
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0605901220
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901220
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:

Global Id: T0605901220
Action Type: Other
Date: 07/06/1990
Action: Leak Reported

Global Id: T0605901220
Action Type: Other
Date: 07/06/1990
Action: Leak Discovery

LUST:

Global Id: T0605901220
Status: Open - Case Begin Date
Status Date: 07/06/1990

Global Id: T0605901220
Status: Completed - Case Closed
Status Date: 05/30/1997

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 90UT174
Released Substance: Waste oil/Used oil
Date Closed: 05/30/1997
Record ID: RO0001052

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE ABBEY SCHERER COMPANY (Continued)

S101299417

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001610T
Local Case Num: 90UT174
Case Type: Soil only
Substance: Waste Oil
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901220
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 7/6/1990
Enforcement Date: Not reported
Close Date: 5/30/1997
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.6758398
Longitude: -117.8734138
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
MTBE Class: *
Staff: VJJ
Staff Initials: AR
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE ABBEY SCHERER COMPANY (Continued)

S101299417

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 30
 Reg By: LTNKA
 Reg Id: 083001610T

M44
North
1/4-1/2
0.372 mi.
1965 ft.

VALENTEC WELLS
3190 PULLMAN ST
COSTA MESA, CA 92626

CPS-SLIC
EMI
CIWQS

S101854105
N/A

Site 1 of 2 in cluster M

Relative:
Lower

SLIC REG 8:
 Type: Soil and Groundwater
 Facility Status: Closed
 Staff: WDM
 Substance: SOLVENTS
 Lead Agency: Regional Board
 Location Code: CM-6
 Thomas Bros Code: 859-D6

Actual:
37 ft.

EMI:

Year: 1987
 County Code: 30
 Air Basin: SC
 Facility ID: 24919
 Air District Name: SC
 SIC Code: 3482
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 12
 Reactive Organic Gases Tons/Yr: 10
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 2
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990
 County Code: 30
 Air Basin: SC
 Facility ID: 24919
 Air District Name: SC
 SIC Code: 3482
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 13
 Reactive Organic Gases Tons/Yr: 13
 Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 2
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALENTEC WELLS (Continued)

S101854105

County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997
County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998
County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALENTEC WELLS (Continued)

S101854105

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 24919
Air District Name: SC
SIC Code: 3482
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: B
Total Organic Hydrocarbon Gases Tons/Yr: 10
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VALENTEC WELLS (Continued)

S101854105

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

CIWQS:

Agency: Valentec Wells
 Agency Address: 3190 Pullman St, Costa Mesa, CA 92626
 Place/Project Type: Industrial - Small Arms Ammunition
 SIC/NAICS: Multiple
 Region: 8
 Program: INDSTW
 Regulatory Measure Status: Terminated
 Regulatory Measure Type: Storm water industrial
 Order Number: 2014-0057-DWQ
 WDID: 8 30I001228
 NPDES Number: CAS000001
 Adoption Date: Not reported
 Effective Date: 03/26/1992
 Termination Date: 08/21/2001
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 33.6847
 Longitude: -117.86968

45
West
1/4-1/2
0.372 mi.
1965 ft.

FRYE & SMITH, INC.
150 E. BAKER STREET
COSTA MESA, CA 92626

ENVIROSTOR S104582445
N/A

Relative:
Lower
Actual:
44 ft.

ENVIROSTOR:
 Facility ID: 71002615
 Status: No Further Action
 Status Date: 05/20/2015
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: 4
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Robert Senga
 Division Branch: Cleanup Cypress
 Assembly: 74
 Senate: 37
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 33.67967
 Longitude: -117.8772

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FRYE & SMITH, INC. (Continued)

S104582445

APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD084456581
 Alias Type: EPA Identification Number
 Alias Name: 71002615
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

M46
North
1/4-1/2
0.374 mi.
1976 ft.

VALENTEC-WELLS, INC.
3190 PULLMAN STREET
COSTA MESA, CA 92626
Site 2 of 2 in cluster M

ENVIROSTOR **S103652395**
CPS-SLIC **N/A**
Orange Co. Industrial Site

Relative:
Lower
Actual:
37 ft.

ENVIROSTOR:
 Facility ID: 71002538
 Status: Inactive - Needs Evaluation
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Cypress
 Assembly: 74
 Senate: 37
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 33.68594
 Longitude: -117.8712
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALENTEC-WELLS, INC. (Continued)

S103652395

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD067658864
Alias Type: EPA Identification Number
Alias Name: 71002538
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 07/23/2002
Global Id: SL208263881
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.685804
Longitude: -117.870568
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SL208263881
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Orange Co. Industrial Site:

Case ID: 96IC016
Record ID: RO0000536
Current Status: CLOSED 5/1/1996
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE; TRICHLOROETHYLENE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

47
SSW
1/4-1/2
0.390 mi.
2057 ft.

OLEN PROPERTIES - AIRPORT BUSINESS CENTER
3100 AIRWAY AVE
COSTA MESA, CA 92626

CPS-SLIC **S119777526**
N/A

Relative:
Higher
Actual:
51 ft.

CPS-SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 10/16/2017
Global Id: T10000010077
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.6741
Longitude: -117.87418
Case Type: Cleanup Program Site
Case Worker: MAO
Local Agency: Not reported
RB Case Number: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected: Not reported
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: Recalcitrant Party

[Click here to access the California GeoTracker records for this facility:](#)

48
SSW
1/4-1/2
0.391 mi.
2066 ft.

MILLION AIR CTR REFUELER #3
19300 IKE JONES RD
SANTA ANA, CA 92707

LUST **S101126397**
Orange Co. Industrial Site **N/A**
HIST CORTESE

Relative:
Higher
Actual:
52 ft.

LUST:
Lead Agency: SANTA ANA, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900431
Global Id: T0605900431
Latitude: 33.671156
Longitude: -117.8662246
Status: Completed - Case Closed
Status Date: 12/18/1987
Case Worker: CC
RB Case Number: 083000539T
Local Agency: SANTA ANA, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605900431
Contact Type: Local Agency Caseworker
Contact Name: CHRISTOPHER CIRAULO
Organization Name: SANTA ANA, CITY OF
Address: 1439 S. BROADWAY
City: SANTA ANA
Email: cciraulo@santa-ana.org
Phone Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLION AIR CTR REFUELER #3 (Continued)

S101126397

Global Id: T0605900431
Contact Type: Regional Board Caseworker
Contact Name: PATRICIA HANNON
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: phannon@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0605900431
Action Type: Other
Date: 08/15/1987
Action: Leak Discovery

Global Id: T0605900431
Action Type: Other
Date: 09/22/1987
Action: Leak Reported

Global Id: T0605900431
Action Type: Other
Date: 08/15/1987
Action: Leak Stopped

LUST:

Global Id: T0605900431
Status: Open - Case Begin Date
Status Date: 07/20/1987

Global Id: T0605900431
Status: Open - Site Assessment
Status Date: 07/20/1987

Global Id: T0605900431
Status: Completed - Case Closed
Status Date: 12/18/1987

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000539T
Local Case Num: Not reported
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Cross Street: BRISTOL
Enf Type: Not reported
Funding: Not reported
How Discovered: Subsurface Monitoring
How Stopped: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLION AIR CTR REFUELER #3 (Continued)

S101126397

Leak Cause:	Overfill
Leak Source:	Other Source
Global ID:	T0605900431
How Stopped Date:	8/15/1987
Enter Date:	7/21/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/15/1987
Enforcement Date:	Not reported
Close Date:	12/18/1987
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/20/1987
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/21/1987
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.671156
Longitude:	-117.8662246
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	JB
Lead Agency:	Local Agency
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

Orange Co. Industrial Site:

Case ID:	89IC006
Record ID:	RO0000235
Current Status:	CLOSED 8/25/1989
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	DATA NOT ENTERED, SEE FILE

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000539T

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N49 **INTESYS TECHNOLOGIES CA INC**
WSW **265 BRIGGS AVE**
1/4-1/2 **COSTA MESA, CA 92626**
0.420 mi.
2218 ft. **Site 1 of 2 in cluster N**

RCRA-SQG **1000174688**
CPS-SLIC **CAD981160245**

Relative:
Lower

RCRA-SQG:

Date form received by agency: 02/01/1999

Actual:
44 ft.

Facility name: INTESYS TECHNOLOGIES CA INC

Facility address: 265 BRIGGS AVE
 COSTA MESA, CA 92626

EPA ID: CAD981160245

Contact: RUSS ROMEYN

Contact address: 265 BRIGGS AVE
 COSTA MESA, CA 92626

Contact country: US

Contact telephone: 714-546-4460

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: 415-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: INTESYS TECHNOLOGIES CA INC

Owner/operator address: 1300 N FIESTA BLVD
 GILBERT, AZ 85234

Owner/operator country: Not reported

Owner/operator telephone: 602-497-1401

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTESYS TECHNOLOGIES CA INC (Continued)

1000174688

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

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

CPS-SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/09/2000
Global Id: SLT8R0603944
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 33.677229197458
Longitude: -117.877593040466
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT8R060
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE), Other Petroleum, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N50
WSW
1/4-1/2
0.420 mi.
2218 ft.

INTESYS TECHNOLOGIES
265 BRIGGS AVENUE
COSTA MESA, CA 92626

CPS-SLIC **S100932555**
WDS **N/A**

Site 2 of 2 in cluster N

Relative:
Lower
Actual:
44 ft.

SLIC REG 8:
 Type: Soil and Groundwater
 Facility Status: Closed
 Staff: WDM
 Substance: SOLVENT,TPH
 Lead Agency: Regional Board
 Location Code: CM-2
 Thomas Bros Code: 859-E5

WDS:
 Facility ID: Santa Ana River 30I013380
 Facility Type: Not reported
 Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
 NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
 Subregion: 8
 Facility Telephone: Not reported
 Facility Contact: Not reported
 Agency Name: INTESYS TECHNOLOGIES
 Agency Address: Not reported
 Agency City,St,Zip: 0
 Agency Contact: Not reported
 Agency Telephone: Not reported
 Agency Type: Not reported
 SIC Code: 0
 SIC Code 2: Not reported
 Primary Waste Type: Not reported
 Primary Waste: Not reported
 Waste Type2: Not reported
 Waste2: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

51
South
1/2-1
0.528 mi.
2787 ft.

ORANGE COUNTY AIRPORT
NEWPORT BEACH, CA

ENVIROSTOR S107736963
N/A

Relative:
Higher
Actual:
53 ft.

ENVIROSTOR:
Facility ID: 80000829
Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.67166
Longitude: -117.8719
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F994900
Alias Type: Federal Facility ID
Alias Name: J09CA7127
Alias Type: INPR
Alias Name: 80000829
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 08/18/1998
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

52
SSE
1/2-1
0.613 mi.
3234 ft.

MARTIN AVIATION INC.
19801 AIRPORT WAY SOUTH
SANTA ANA, CA 90603

EMI S100178912
Notify 65 N/A

Relative:
Higher
Actual:
49 ft.

EMI:
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 63657
Air District Name: SC
SIC Code: 8249
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 5
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

O53
SSW
1/2-1
0.708 mi.
3736 ft.

SIGMA CIRCUITS, INC. - COSTA MESA
2970 AIRWAY AVENUE
COSTA MESA, CA 92626

ENVIROSTOR S118757430
N/A

Site 1 of 3 in cluster O

Relative:
Higher
Actual:
52 ft.

ENVIROSTOR:
Facility ID: 71002902
Status: No Action Required
Status Date: 06/20/2001
Site Code: 600831
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS, INC. - COSTA MESA (Continued)

S118757430

Latitude: 33.66986
Longitude: -117.8760
APN: NONE SPECIFIED
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: Lead Copper and compounds 1,1-Dichloroethylene
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: CAD981658669
Alias Type: EPA Identification Number
Alias Name: 110000784278
Alias Type: EPA (FRS #)
Alias Name: 600831
Alias Type: Project Code (Site Code)
Alias Name: 71002902
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 06/20/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 04/28/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

O54
SSW
1/2-1
0.708 mi.
3736 ft.
Relative:
Higher
Actual:
52 ft.

**SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV
2970 AIRWAY AVENUE
COSTA MESA, CA 92626**

Site 2 of 3 in cluster O

SEMS Archive:
Site ID: 903532
EPA ID: CAD981658669

**SEMS-ARCHIVE 1000294703
RCRA-SQG CAD981658669
ENVIROSTOR
CPS-SLIC
Orange Co. Industrial Site
FINDS
ECHO
EMI
HAZNET**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Cong District: 40
FIPS Code: 6059
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
Site ID: 903532
EPA ID: CAD981658669
Site Name: SIGMA CIRCUITS INC
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-03-15 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 9
Site ID: 903532
EPA ID: CAD981658669
Site Name: SIGMA CIRCUITS INC
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1987-12-01 00:00:00
Finish Date: 1987-12-01 00:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 9
Site ID: 903532
EPA ID: CAD981658669
Site Name: SIGMA CIRCUITS INC
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1989-03-15 00:00:00
Qual: N
Current Action Lead: St Perf

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: SIGMA CIRCUITS INC
Facility address: 2970 AIRWAY AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

COSTA MESA, CA 92626
EPA ID: CAD981658669
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996
Site name: SIGMA CIRCUITS INC
Classification: Small Quantity Generator

Date form received by agency: 03/15/1996
Site name: SIGMA CIRCUITS, INC - SOUTHERN CA DIVISI
Classification: Large Quantity Generator

Date form received by agency: 03/25/1994
Site name: SIGMA CIRCUITS INC.
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992
Site name: SIGMA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 04/06/1990
Site name: SIGMA CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 11/11/1986
Site name: SIGMA CIRCUITS INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/02/1991
Date achieved compliance: 11/08/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/08/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:

Facility ID: 30280370
Status: Refer: Other Agency
Status Date: 10/18/1988
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.66989
Longitude: -117.8760
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * Metals - Other
Inorganic Solid Waste * Metals - Sludge * ORGANIC LIQUIDS WITH METALS
* OXYGENATED SOLVENTS * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED
SOLVENT MIXTURES * OTHER INORGANIC SOLID WASTE * POLYMERIC RESIN WASTE
Not reported
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 30280370
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/23/1988
Comments: PRELIM ASSESS DONE PRELIMINARY ASSESSMENT COMPLETED. THERE IS A NEW COMPANY ON LOCATION KNOWN AS SIGMA CIRCUIT. SIGMA CIRCUIT LISTED AS A GENERATOR. SIGMA CIRCUIT MANUFAC- TURES PRINTED CIRCUIT BOARDS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/02/1982
Comments: FACILITY IDENTIFIED VIA A TIP FACILITY DRIVE-BY APPROX. 250 DRUMS AT SITE ABANDONED & ACCESSIBLE TO THE PUBLIC; SPILLS; OPEN DRUMS; CORRODED DRUMS; WATER REACTIVE DRUM ON SIDE & BUILDING. FINAL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

STRATEGY SITE REFERRED: TO HWMB- LA -ENF. TIP FROM CO SANIT INSPECTOR
FIRM ABANDONED CHEMICALS AT FORMER SITE

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 04/03/1997
Global Id: SLT8R1824103
Lead Agency: ORANGE COUNTY LOP
Lead Agency Case Number: Not reported
Latitude: 33.680164
Longitude: -117.869715
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: SLT8R182
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Orange Co. Industrial Site:

Case ID: 86IC010
Record ID: RO0003078
Current Status: CLOSED 12/9/1987
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: PLATING WASTE - OTHER METALS

Case ID: 89IC003
Record ID: RO0000205
Current Status: CLOSED 5/31/1991
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: PLATING WASTE - COPPER

Case ID: 89IC056
Record ID: RO0000234
Current Status: CLOSED 7/19/1991
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: ACID WASTE

Case ID: 96IC032
Record ID: RO0000554
Current Status: CLOSED 4/3/1997
Closure Type: Closure certification issued

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Released Chemical: LEAD COMPOUNDS

FINDS:

Registry ID: 110000784278

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

STATE MASTER

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

ECHO:

Envid: 1000294703
Registry ID: 110000784278
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000784278>

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 45852
Air District Name: SC
SIC Code: 3679
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 45852
Air District Name: SC
SIC Code: 3672
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 2
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1995
County Code: 30
Air Basin: SC
Facility ID: 45852
Air District Name: SC
SIC Code: 3672
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996
County Code: 30
Air Basin: SC
Facility ID: 45852
Air District Name: SC
SIC Code: 3672
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 8
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HAZNET:

envid: 1000294703
Year: 1997
GEPaid: CAD981658669
Contact: SIGMA CIRCUITS INC
Telephone: 4087279169
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing City,St,Zip: SANTA CLARA, CA 950503113
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Tons: 6.7424
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000294703
Year: 1996
GEPaid: CAD981658669
Contact: SIGMA CIRCUITS INC
Telephone: 4087279169
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing City,St,Zip: SANTA CLARA, CA 950503113
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Transfer Station
Tons: .4125
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000294703
Year: 1996
GEPaid: CAD981658669
Contact: SIGMA CIRCUITS INC
Telephone: 4087279169
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing City,St,Zip: SANTA CLARA, CA 950503113
Gen County: Not reported
TSD EPA ID: CAD003963592
TSD County: Not reported
Waste Category: Invalid waste code
Disposal Method: Recycler
Tons: .2000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000294703
Year: 1996
GEPaid: CAD981658669
Contact: SIGMA CIRCUITS INC
Telephone: 4087279169
Mailing Name: Not reported
Mailing Address: 393 MATHEW ST
Mailing City,St,Zip: SANTA CLARA, CA 950503113
Gen County: Not reported
TSD EPA ID: CAD003963592
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 2.4500
Cat Decode: Not reported
Method Decode: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SIGMA CIRCUITS INC SOUTHERN CALIFORNIA DIV (Continued)

1000294703

Facility County: Orange

envid: 1000294703
 Year: 1996
 GEPAID: CAD981658669
 Contact: SIGMA CIRCUITS INC
 Telephone: 4087279169
 Mailing Name: Not reported
 Mailing Address: 393 MATHEW ST
 Mailing City,St,Zip: SANTA CLARA, CA 950503113
 Gen County: Not reported
 TSD EPA ID: CAD000088252
 TSD County: Not reported
 Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Transfer Station
 Tons: .6880
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Orange

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

O55
SSW
1/2-1
0.757 mi.
3996 ft.

KNIGHT EQUIPMENT CORP
2955 AIRWAY AVE
COSTA MESA, CA 92626

ENVIROSTOR **U001576790**
HIST UST **N/A**
EMI

Site 3 of 3 in cluster O

Relative:
Higher
Actual:
52 ft.

ENVIROSTOR:
 Facility ID: 71002508
 Status: Refer: Other Agency
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Cypress
 Assembly: 74
 Senate: 37
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 33.66970
 Longitude: -117.8769
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD063119796
 Alias Type: EPA Identification Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNIGHT EQUIPMENT CORP (Continued)

U001576790

Alias Name: 71002508
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 07/07/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000064585
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: Not reported
Telephone: 7149796300
Owner Name: COMMODORE INTERNATIONAL LIMITE
Owner Address: 1200 WILLSON DRIVE
Owner City,St,Zip: WESTCHESTER, PA 19380
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1972
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

EMI:
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 58258

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNIGHT EQUIPMENT CORP (Continued)

U001576790

Air District Name: SC
SIC Code: 9999
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

56
West
1/2-1
0.830 mi.
4383 ft.

SHELL OIL
3045 BRISTOL
COSTA MESA, CA 92627

LUST **S100230416**
Notify 65 **N/A**

Relative:
Lower
Actual:
38 ft.

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901151
Global Id: T0605901151
Latitude: 33.6820635
Longitude: -117.8857771
Status: Completed - Case Closed
Status Date: 05/20/2004
Case Worker: DB
RB Case Number: 083001510T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 90UT120
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0605901151
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901151
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

LUST:

Global Id: T0605901151

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL (Continued)

S100230416

Action Type: REMEDIATION
Date: 07/09/1991
Action: Excavation

Global Id: T0605901151
Action Type: REMEDIATION
Date: 06/01/2000
Action: Excavation

Global Id: T0605901151
Action Type: ENFORCEMENT
Date: 05/09/1990
Action: Notice of Responsibility

Global Id: T0605901151
Action Type: Other
Date: 05/03/1990
Action: Leak Reported

Global Id: T0605901151
Action Type: ENFORCEMENT
Date: 04/16/2003
Action: Staff Letter

Global Id: T0605901151
Action Type: ENFORCEMENT
Date: 08/18/2003
Action: Staff Letter

Global Id: T0605901151
Action Type: Other
Date: 04/25/1990
Action: Leak Discovery

Global Id: T0605901151
Action Type: ENFORCEMENT
Date: 09/15/2004
Action: Closure/No Further Action Letter

LUST:

Global Id: T0605901151
Status: Open - Case Begin Date
Status Date: 04/25/1990

Global Id: T0605901151
Status: Open - Verification Monitoring
Status Date: 08/01/2002

Global Id: T0605901151
Status: Completed - Case Closed
Status Date: 05/20/2004

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 90UT120

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL (Continued)

S100230416

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/15/2004
Record ID: RO0002257

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001510T
Local Case Num: 90UT120
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: CLOS
Funding: Not reported
How Discovered: SA
How Stopped: New Tank
Leak Cause: Unknown
Leak Source: Tank
Global ID: T0605901151
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 4/25/1990
Enforcement Date: Not reported
Close Date: 5/20/2004
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: 8/1/2002
Enter Date: Not reported
GW Qualifies: =
Soil Qualifies: =
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.6820635
Longitude: -117.8857771
MTBE Date: 1/9/2002
Max MTBE GW: 51
MTBE Concentration: 0
Max MTBE Soil: 6.9
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: *
Staff: CAB
Staff Initials: AR
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL (Continued)

S100230416

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

57
WSW
1/2-1
0.901 mi.
4756 ft.

EXOTIC MATERIAL INC
2930 BRISTOL ST
COSTA MESA, CA 92626

ENVIROSTOR S100200509
N/A

Relative:
Lower
Actual:
40 ft.

ENVIROSTOR:
Facility ID: 30280530
Status: Refer: Other Agency
Status Date: 08/23/1984
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 74
Senate: 37
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.67743
Longitude: -117.8858
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED ACID SOLUTION * UNSPECIFIED OIL CONTAINING WASTE *
UNSPECIFIED SOLVENT MIXTURES
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: DOW CHEMICAL COMPANY (SEAL BEACH)
Alias Type: Alternate Name
Alias Name: PERKIN-ELMER CORP
Alias Type: Alternate Name
Alias Name: CAD008339988
Alias Type: EPA Identification Number
Alias Name: 110002632802
Alias Type: EPA (FRS #)
Alias Name: 30280530

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXOTIC MATERIAL INC (Continued)

S100200509

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/23/1984
Comments: FACILITY DRIVE-BY OLD LOCATION: BLDG VACANT. WAREHOUSE W/ OFFICE IN FRONT. NO VISIBLE PROB. CURR LOC: DRUMS STACKD AROUND SMALL METAL STORAGE. NO VISIBLE PROB. CLEAN SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/12/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
IRVINE	S107027308	CARSON - 91 LLC	MAIN STREET & 91 FREEWAY	92612	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: 800-424-9346
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018	Source: Department of the Navy
Date Data Arrived at EDR: 05/18/2018	Telephone: 843-820-7326
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: see region list
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/11/2018	Source: SWRCB
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-341-5851
Date Made Active in Reports: 07/09/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-327-7844
Date Made Active in Reports: 07/10/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 09/17/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 48

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-307-1000
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 07/31/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/12/2018
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 08/17/2018
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/09/2018
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/03/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/10/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/22/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 08/24/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 703-416-0223
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 09/07/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/17/2018	Telephone: 202-564-8600
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 07/20/2018
Number of Days to Update: 113	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/09/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 07/23/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/07/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 07/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2018	Telephone: 202-343-9775
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 07/05/2018
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/09/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/12/2018
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/10/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 07/13/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 08/31/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 107

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 39

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 48

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 25

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/19/2018
Number of Days to Update: 43

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 54

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 06/04/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/06/2018	Telephone: 866-794-4977
Date Made Active in Reports: 07/13/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-341-5810
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/11/2018	Source: State Water Resource Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 08/03/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/06/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 63

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 14

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 07/12/2018
Date Data Arrived at EDR: 07/12/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 44

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 40

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 43

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 49

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 30

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 59

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/18/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 37

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/22/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/31/2018
Number of Days to Update: 68

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 57

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/30/2018
Date Data Arrived at EDR: 06/01/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/22/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/02/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 41

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/06/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 42

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/09/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 61

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 41

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 41

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN DIEGO CO. SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 08/29/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 08/01/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 06/07/2018	Source: Department of Public Health
Date Data Arrived at EDR: 06/12/2018	Telephone: 415-252-3920
Date Made Active in Reports: 07/10/2018	Last EDR Contact: 08/01/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018	Source: Environmental Health Department
Date Data Arrived at EDR: 06/26/2018	Telephone: N/A
Date Made Active in Reports: 07/11/2018	Last EDR Contact: 09/17/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/20/2018	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 08/21/2018	Telephone: 805-781-5596
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/17/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 52

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 08/13/2018
Number of Days to Update: 59

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 16

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 36

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 40

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 30

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/19/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/03/2018
Date Data Arrived at EDR: 07/10/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 45

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 33

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 41

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 29

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/26/2018	Source: Environmental Health Division
Date Data Arrived at EDR: 06/13/2018	Telephone: 805-654-2813
Date Made Active in Reports: 07/11/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/03/2018	Telephone: 530-666-8646
Date Made Active in Reports: 07/12/2018	Last EDR Contact: 06/27/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/15/2018	Telephone: 530-749-7523
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 08/07/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/12/2018
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/10/2018	Telephone: 860-424-3375
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 07/13/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

3175 AIRWAY AVENUE
3175 AIRWAY AVENUE
COSTA MESA, CA 92626

TARGET PROPERTY COORDINATES

Latitude (North):	33.679849 - 33° 40' 47.46"
Longitude (West):	117.871283 - 117° 52' 16.62"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	419235.3
UTM Y (Meters):	3726806.2
Elevation:	47 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012

West Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

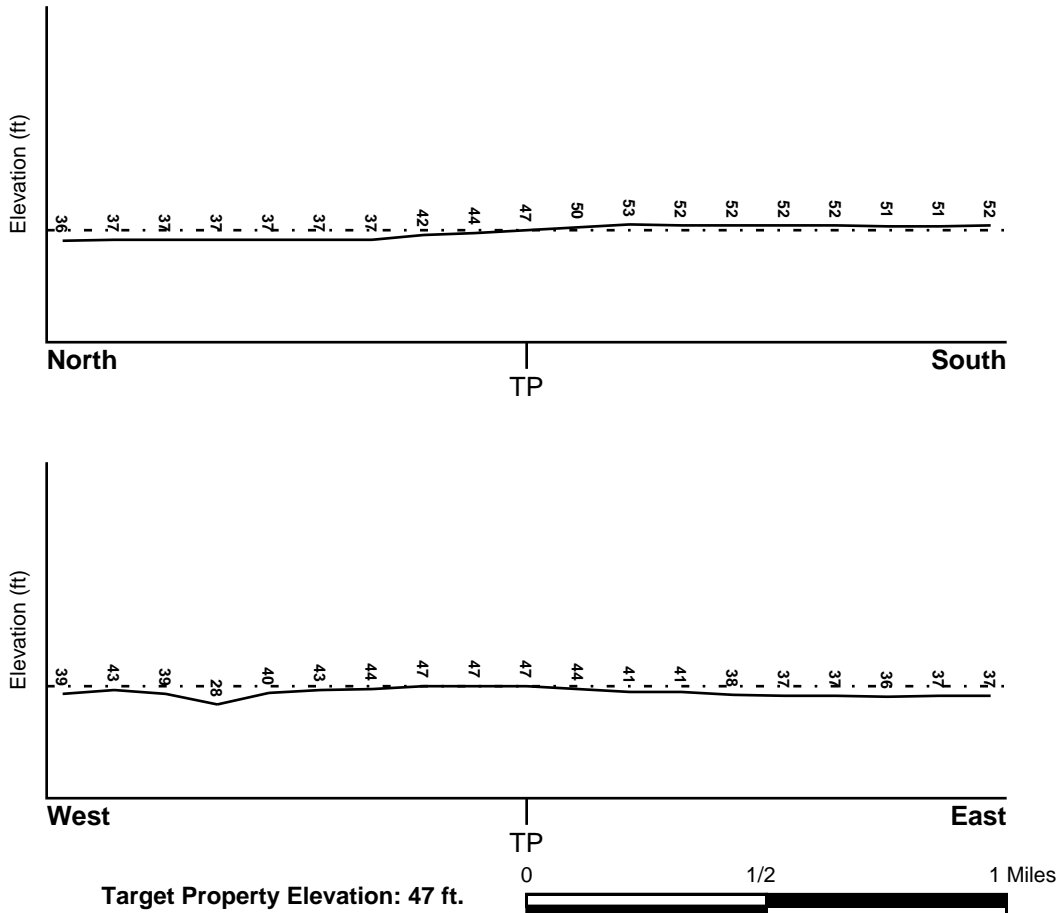
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06059C0286J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06059C0259J	FEMA FIRM Flood data
06059C0278J	FEMA FIRM Flood data
06059C0267J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
TUSTIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile WSW
Site Name:	Western Digital Corporation
Site EPA ID Number:	CAD051983567
Surficial Aquifer Flow Dir.:	South
Measured Depth to Water:	35.5 feet.
Hydraulic Connection:	Aquifers underlying the site are hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
---------------	-------------------------	---

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/4 - 1/2 Mile WSW	SSW
4	1/2 - 1 Mile WSW	NNE
5	1/2 - 1 Mile SSE	WNW
6	1/2 - 1 Mile SW	S
9	1/2 - 1 Mile SSE	E
10	1/2 - 1 Mile WSW	Not Reported
11	1/2 - 1 Mile WNW	Not Reported
12	1/2 - 1 Mile SSE	WSW
C13	1/2 - 1 Mile WNW	SE
C14	1/2 - 1 Mile WNW	SE
16	1/2 - 1 Mile South	W
17	1/2 - 1 Mile West	Not Reported
20	1/2 - 1 Mile NNE	Not Reported
1G	1/2 - 1 Mile NNE	Not Reported
2G	1/2 - 1 Mile WNW	SE
3G	1/2 - 1 Mile WNW	SE
4G	1/2 - 1 Mile WNW	Not Reported
5G	1/2 - 1 Mile West	Not Reported
6G	1/2 - 1 Mile WSW	NNE
7G	1/4 - 1/2 Mile WSW	SSW
8G	1/2 - 1 Mile WSW	Not Reported
9G	1/2 - 1 Mile SSE	WNW
10G	1/2 - 1 Mile SW	S
11G	1/2 - 1 Mile SSE	E
12G	1/2 - 1 Mile SSE	WSW
13G	1/2 - 1 Mile South	W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

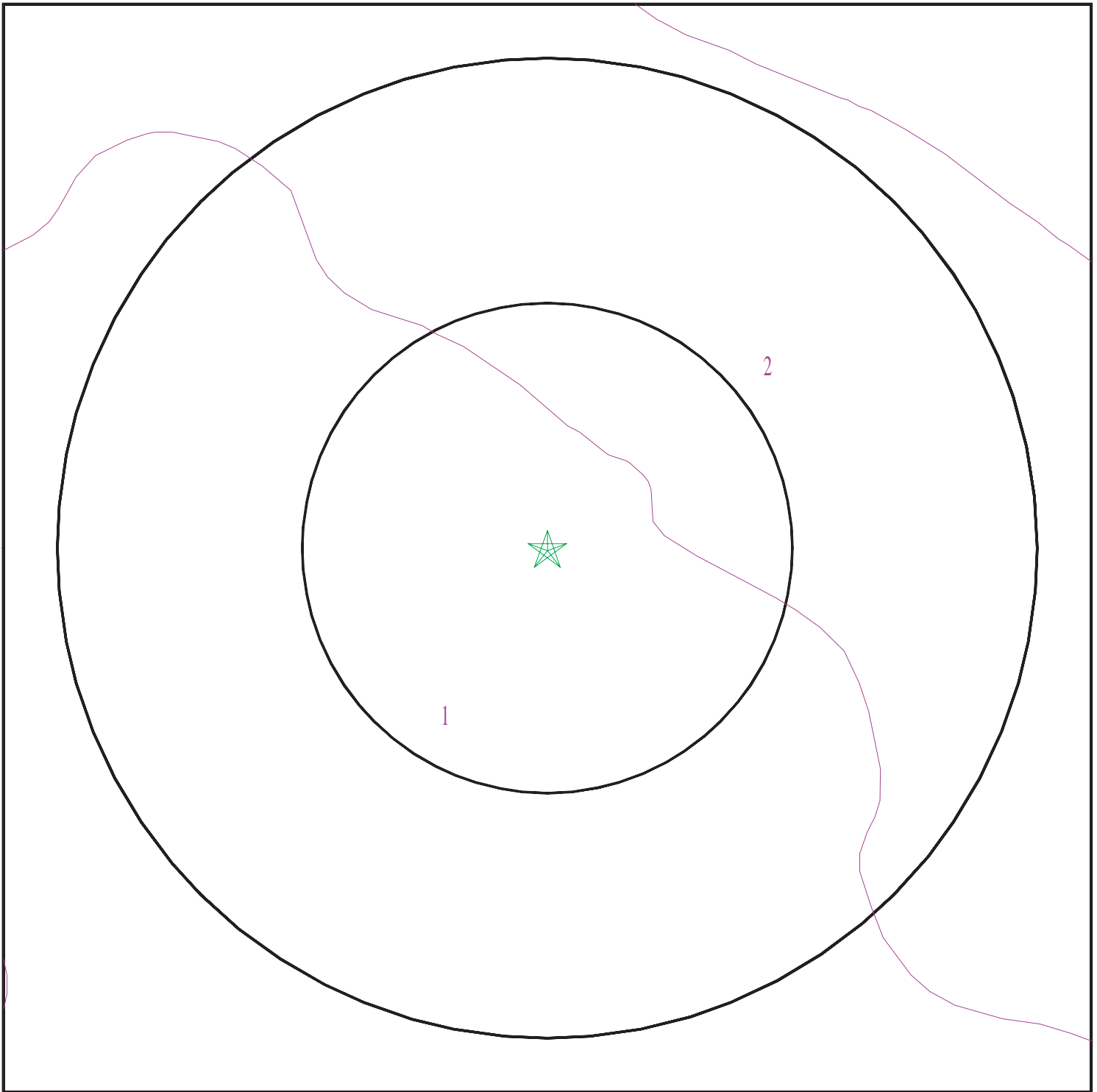
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5427551.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
Costa Mesa CA 92626
LAT/LONG: 33.679849 / 117.871283

CLIENT: AES Due Diligence, Inc
CONTACT: Rick Darwicki
INQUIRY #: 5427551.2s
DATE: September 18, 2018 1:15 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	22 inches	27 inches	sandy clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	27 inches	38 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	38 inches	70 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 2

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	11 inches	18 inches	sandy clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	18 inches	27 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	27 inches	70 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000136669	1/2 - 1 Mile West
B8	USGS40000136687	1/2 - 1 Mile West
D15	USGS40000136820	1/2 - 1 Mile NNE
D21	USGS40000136830	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

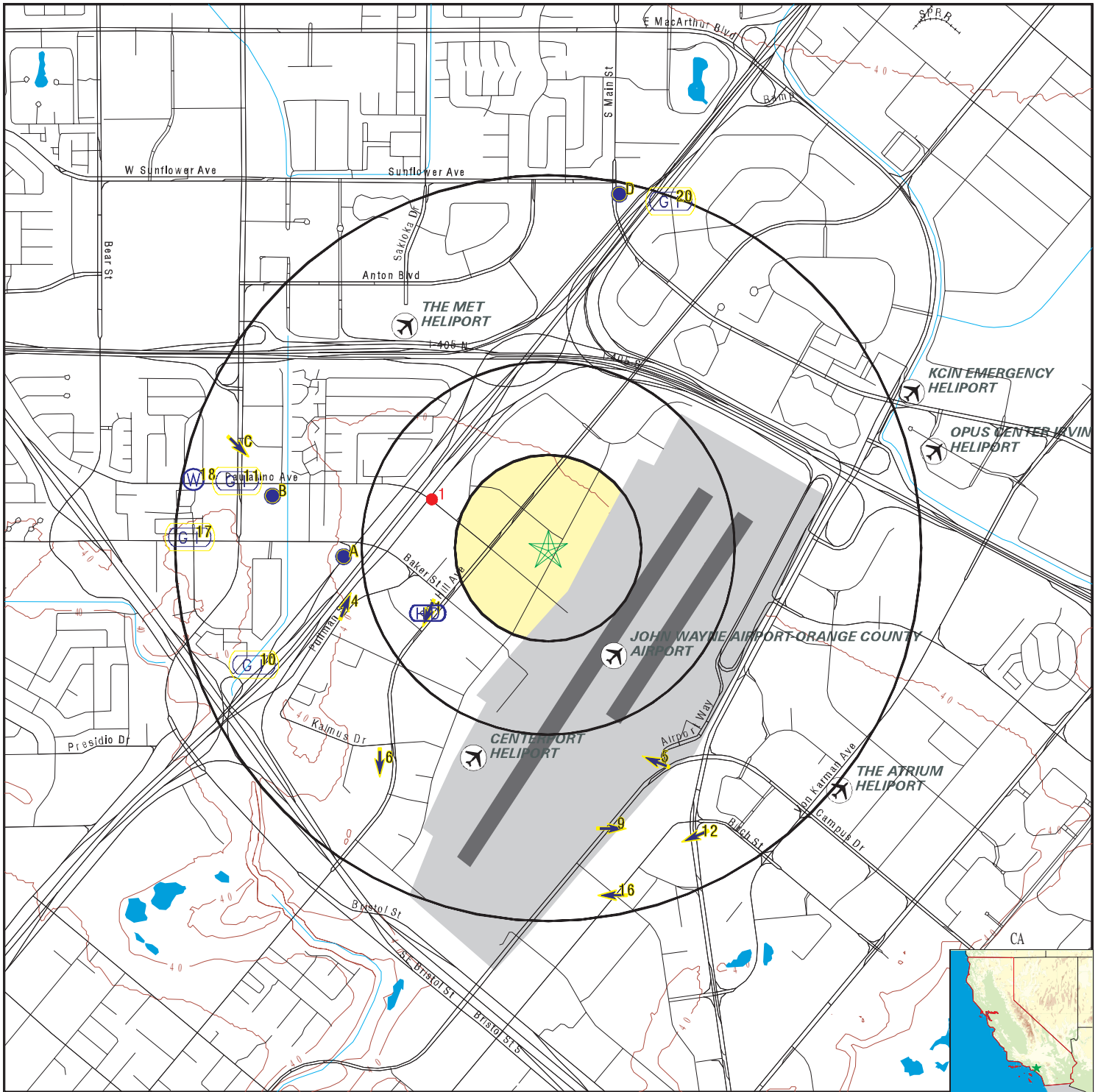
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CADW60000021931	1/2 - 1 Mile West
B7	CADW60000021930	1/2 - 1 Mile West
18	7058	1/2 - 1 Mile West
D19	CADW60000034153	1/2 - 1 Mile North

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000217945	1/4 - 1/2 Mile WNW

PHYSICAL SETTING SOURCE MAP - 5427551.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 3175 Airway Avenue
 ADDRESS: 3175 Airway Avenue
 Costa Mesa CA 92626
 LAT/LONG: 33.679849 / 117.871283

CLIENT: AES Due Diligence, Inc
 CONTACT: Rick Darwicki
 INQUIRY #: 5427551.2s
 DATE: September 18, 2018 1:15 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1 WSW 1/4 - 1/2 Mile Lower	Site ID: 083000442T		AQUIFLOW	69459
	Groundwater Flow: SSW			
	Shallow Water Depth: 35 ft			
	Deep Water Depth: 70 ft			
	Average Water Depth: Not Reported			
	Date: 12/1996			

A2 West 1/2 - 1 Mile Lower			CA WELLS	CADW60000021931
Objectid: 21931	Latitude: 33.6793			
Longitude: -117.8807	Site code: 336793N1178807W001			
State well numbe: 06S10W01L001S	Local well name: "			
Well use id: 6	Well use descrip: Unknown			
County id: 30	County name: Orange			
Basin code: '8-1'	Basin desc: Coastal Plain Of Orange County			
Dwr region id: 80238	Dwr region: Southern Region Office			
Site id: CADW60000021931				

A3 West 1/2 - 1 Mile Lower			FED USGS	USGS40000136669
Organization ID: USGS-CA				
Organization Name: USGS California Water Science Center				
Monitor Location: 006S010W01L001S	Type: Well			
Description: Not Reported	HUC: 18070204			
Drainage Area: Not Reported	Drainage Area Units: Not Reported			
Contrib Drainage Area: Not Reported	Contrib Drainage Area Unts: Not Reported			
Aquifer: California Coastal Basin aquifers				
Formation Type: Not Reported	Aquifer Type: Not Reported			
Construction Date: Not Reported	Well Depth: Not Reported			
Well Depth Units: Not Reported	Well Hole Depth: Not Reported			
Well Hole Depth Units: Not Reported				

4 WSW 1/2 - 1 Mile Lower	Site ID: 083000135T		AQUIFLOW	64529
	Groundwater Flow: NNE			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 26			
	Date: 02/22/1995			

5 SSE 1/2 - 1 Mile Higher	Site ID: 083000209T		AQUIFLOW	33998
	Groundwater Flow: WNW			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 33			
	Date: 05/09/1994			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

6 SW 1/2 - 1 Mile Higher	Site ID: 083000468T	AQUIFLOW	34270
	Groundwater Flow: S		
	Shallow Water Depth: 6.81		
	Deep Water Depth: 9.35		
	Average Water Depth: Not Reported		
	Date: 04/24/1997		

B7 West 1/2 - 1 Mile Lower		CA WELLS	CADW60000021930
Objectid: 21930	Latitude: 33.6818		
Longitude: -117.884	Site code: 336818N1178840W001		
State well numbe: 06S10W01E002S	Local well name: "		
Well use id: 6	Well use descrip: Unknown		
County id: 30	County name: Orange		
Basin code: '8-1'	Basin desc: Coastal Plain Of Orange County		
Dwr region id: 80238	Dwr region: Southern Region Office		
Site id: CADW60000021930			

B8 West 1/2 - 1 Mile Lower		FED USGS	USGS40000136687
Organization ID: USGS-CA			
Organization Name: USGS California Water Science Center			
Monitor Location: 006S010W01E002S	Type: Well		
Description: Not Reported	HUC: 18070204		
Drainage Area: Not Reported	Drainage Area Units: Not Reported		
Contrib Drainage Area: Not Reported	Contrib Drainage Area Unts: Not Reported		
Aquifer: California Coastal Basin aquifers			
Formation Type: Not Reported	Aquifer Type: Not Reported		
Construction Date: Not Reported	Well Depth: Not Reported		
Well Depth Units: Not Reported	Well Hole Depth: Not Reported		
Well Hole Depth Units: Not Reported			

9 SSE 1/2 - 1 Mile Higher	Site ID: 083000403T	AQUIFLOW	66483
	Groundwater Flow: E		
	Shallow Water Depth: 21.9		
	Deep Water Depth: 24.2		
	Average Water Depth: Not Reported		
	Date: 12/1997		

10 WSW 1/2 - 1 Mile Lower	Site ID: 083002072T	AQUIFLOW	38855
	Groundwater Flow: Not Reported		
	Shallow Water Depth: 25		
	Deep Water Depth: 26		
	Average Water Depth: Not Reported		
	Date: 03/31/1998		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

11 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001510T Not Reported Not Reported Not Reported 23.5 10/15/1992	AQUIFLOW	65353
--	---	--	-----------------	--------------

12 SSE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002982T WSW 8.58 8.95 Not Reported 11/03/1997	AQUIFLOW	51934
---	---	---	-----------------	--------------

C13 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000430T SE 22.15 25.6 Not Reported 03/31/1999	AQUIFLOW	68226
---	---	---	-----------------	--------------

C14 WNW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000430T SE 22.15 25.6 Not Reported 03/31/1999	AQUIFLOW	68227
---	---	---	-----------------	--------------

D15 NNE 1/2 - 1 Mile Lower			FED USGS	USGS40000136820
---	--	--	-----------------	------------------------

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S009W31M003S	Type:	Well
Description:	Not Reported	HUC:	18070204
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

16 South 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001459T W 22 24 Not Reported 12/21/1998	AQUIFLOW	34293
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

17 West 1/2 - 1 Mile Lower	Site ID: 083000637T		AQUIFLOW	66542
	Groundwater Flow: Not Reported			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 25.27			
	Date: 01/1987			

18 West 1/2 - 1 Mile Lower			CA WELLS	7058
---	--	--	-----------------	-------------

Seq: 7058	Prim sta c: 06S/10W-02H03 S
Frds no: 3000572001	County: 30
District: 08	User id: TEE
System no: 3000572	Water type: G
Source nam: WELL 01 PAULARINO ST WELL - DESTROYED	
Station ty: WELL/AMBNT/MUN/INTAKE	Latitude: 334057.0
Longitude: 1175313.0	Precision: 3
Status: DS	Comment 1: 722 BAKER STREET COSTA MESA
Comment 2: Not Reported	Comment 3: Not Reported
Comment 4: Not Reported	Comment 5: Not Reported
Comment 6: Not Reported	Comment 7: Not Reported
System no: 3000572	System nam: PAULARINO WATER ASSOCIATION
Hqname: Not Reported	Address: Not Reported
City: Not Reported	State: Not Reported
Zip: Not Reported	Zip ext: Not Reported
Pop serv: 0	Connection: 0
Area serve: Not Reported	

D19 North 1/2 - 1 Mile Lower			CA WELLS	CADW60000034153
---	--	--	-----------------	------------------------

Objectid: 34153	Latitude: 33.6939
Longitude: -117.8685	Site code: 336939N1178685W001
State well numbe: 05S09W31M002S	Local well name: "
Well use id: 6	Well use descrip: Unknown
County id: 30	County name: Orange
Basin code: '8-1'	Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238	Dwr region: Southern Region Office
Site id: CADW60000034153	

20 NNE 1/2 - 1 Mile Lower	Site ID: 083002207T		AQUIFLOW	69447
	Groundwater Flow: Not Reported			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 12 ft			
	Date: 09/29/1993			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

D21
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40000136830

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S009W31M002S	Type:	Well
Description:	Not Reported	HUC:	18070204
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	458
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	60	Level reading date:	1986-08-19
Feet below surface:	55.72	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1986-04-29	Feet below surface:	45.08
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1986-03-04	Feet below surface:	42.97
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1985-11-05	Feet below surface:	45.65
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1985-08-19	Feet below surface:	59.13
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1985-05-14	Feet below surface:	33.79
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1985-02-14	Feet below surface:	30.12
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1984-10-30	Feet below surface:	43.73
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1984-08-07	Feet below surface:	41.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1984-05-10	Feet below surface:	32.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1984-02-06	Feet below surface:	25.05
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-11-07	Feet below surface:	32.99
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-08-12	Feet below surface:	42.80
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1983-05-13	Feet below surface:	31.29
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1983-02-09	Feet below surface:	32.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-04	Feet below surface:	37.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-08-04	Feet below surface:	42.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-05-07	Feet below surface:	30.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-29	Feet below surface:	30.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-11-04	Feet below surface:	39.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-07-31	Feet below surface:	40.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-05-12	Feet below surface:	22.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-02-09	Feet below surface:	26.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-11-03	Feet below surface:	30.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-27	Feet below surface:	35.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-13	Feet below surface:	31.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-08	Feet below surface:	34.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-13	Feet below surface:	37.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-02	Feet below surface:	42.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-05-02	Feet below surface:	32.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-08	Feet below surface:	33.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-11-02	Feet below surface:	42.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-09-29	Feet below surface:	41.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-20	Feet below surface:	46.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-02-27	Feet below surface:	45.80
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1975-06-26	Feet below surface:	39.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-01	Feet below surface:	36.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-04	Feet below surface:	46.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-30	Feet below surface:	35.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-25	Feet below surface:	43.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-04	Feet below surface:	50.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-19	Feet below surface:	35.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	37.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-02	Feet below surface:	40.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-30	Feet below surface:	47.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-07-09	Feet below surface:	53.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-10	Feet below surface:	39.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-03-05	Feet below surface:	32.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-01-11	Feet below surface:	39.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-02	Feet below surface:	42.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-09-06	Feet below surface:	47.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-07-11	Feet below surface:	47.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-05-04	Feet below surface:	46.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-03-01	Feet below surface:	38.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-01-12	Feet below surface:	24.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-11-05	Feet below surface:	29.90
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1971-08-31	Feet below surface:	36.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-06-14	Feet below surface:	25.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-05-04	Feet below surface:	27.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-03-04	Feet below surface:	19.10
Feet to sea level:	Not Reported	Note:	Not Reported

1G NNE 1/2 - 1 Mile Lower	Site ID:	083002207T	AQUIFLOW	69447
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	12 ft		
	Date:	09/29/1993		

2G WNW 1/2 - 1 Mile Lower	Site ID:	083000430T	AQUIFLOW	68226
	Groundwater Flow:	SE		
	Shallow Water Depth:	22.15		
	Deep Water Depth:	25.6		
	Average Water Depth:	Not Reported		
	Date:	03/31/1999		

3G WNW 1/2 - 1 Mile Lower	Site ID:	083000430T	AQUIFLOW	68227
	Groundwater Flow:	SE		
	Shallow Water Depth:	22.15		
	Deep Water Depth:	25.6		
	Average Water Depth:	Not Reported		
	Date:	03/31/1999		

4G WNW 1/2 - 1 Mile Lower	Site ID:	083001510T	AQUIFLOW	65353
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	23.5		
	Date:	10/15/1992		

5G West 1/2 - 1 Mile Lower	Site ID:	083000637T	AQUIFLOW	66542
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	25.27		
	Date:	01/1987		

6G WSW 1/2 - 1 Mile Lower	Site ID:	083000135T	AQUIFLOW	64529
	Groundwater Flow:	NNE		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	26		
	Date:	02/22/1995		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7G WSW 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000442T SSW 35 ft 70 ft Not Reported 12/1996	AQUIFLOW	69459
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8G WSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002072T Not Reported 25 26 Not Reported 03/31/1998	AQUIFLOW	38855
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9G SSE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000209T WNW Not Reported Not Reported 33 05/09/1994	AQUIFLOW	33998
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10G SW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000468T S 6.81 9.35 Not Reported 04/24/1997	AQUIFLOW	34270
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11G SSE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000403T E 21.9 24.2 Not Reported 12/1997	AQUIFLOW	66483
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12G SSE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002982T WSW 8.58 8.95 Not Reported 11/03/1997	AQUIFLOW	51934
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13G South 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001459T W 22 24 Not Reported 12/21/1998	AQUIFLOW	34293
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

WNW

1/4 - 1/2 Mile

OIL_GAS

CAOG11000217945

Districtnu:	1	Apinumber:	05901162
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Orange
Fieldname:	Any Field	Areaname:	Any Area
Section:	1	Township:	06S
Range:	10W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Irvine	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000217945		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92626	70	5

Federal EPA Radon Zone for ORANGE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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3175 Airway Avenue
3175 Airway Avenue
Costa Mesa, CA 92626

Inquiry Number: 5427551.3

September 18, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

09/18/18

Site Name:

3175 Airway Avenue
3175 Airway Avenue
Costa Mesa, CA 92626
EDR Inquiry # 5427551.3

Client Name:

AES Due Diligence, Inc
9089 Clairemont Mesa Blvd
San Diego, CA 92123
Contact: Rick Darwicki



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AES Due Diligence, Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 876D-4470-A458
PO # NA
Project 18004139



Sanborn® Library search results

Certification #: 876D-4470-A458

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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3175 Airway Avenue

3175 Airway Avenue
Costa Mesa, CA 92626

Inquiry Number: 5427551.5
September 18, 2018

The EDR-City Directory Abstract

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	X	X	X	-
2005	EDR Digital Archive	X	X	X	-
2002	Haines Company	-	X	X	-
	Haines Company	X	X	X	-
2001	Pacific Telephone	-	-	-	-
1997	Pacific Telephone	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1992	Pacific Bell	-	-	-	-
1991	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-
	Luskey Brothers & Co., Inc.	X	X	X	-
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	Ross Publications	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	Luskey Brothers	-	-	-	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Unknown	-	-	-	-
1956	Luskey Brothers & Co., Inc.	-	-	-	-
1955	The Pacific Telephone and Telegraph Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	West Directory Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	McCutcheon & Bragonier	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3175 Airway Avenue
Costa Mesa, CA 92626

FINDINGS DETAIL

Target Property research detail.

AIRWAY

3175 AIRWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Alex Moving & Storage	Pacific Bell

Airway Ave

3175 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	GOLDEN WEST FUNDING INC	EDR Digital Archive
	NETDIRECT MORTGAGE CORP	EDR Digital Archive
2005	ALL COAST TRADING CO INC	EDR Digital Archive
	GOLDEN WEST FUNDING INC	EDR Digital Archive
	GW FINANCIAL SERVICES INC	EDR Digital Archive
	NETDIRECT MORTGAGE CORP	EDR Digital Archive

AIRWAY AVE

3175 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FUNDING	Haines Company
	GOLDENWEST	Haines Company
	MANUFACTURING	Haines Company
	MILLEN Stephen	Haines Company
	MORTGAGE STREETSCENE	Haines Company
	NET DIRECT	Haines Company
1995	Alex Moving & Storage	Pacific Bell
	North American Van Lines Agent	Pacific Bell
1991	Alex Moving & Storage	Pacific Bell
1986	CorO Van Moving & Storage	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CorOVan Moving And Storage Co	Pacific Bell
	North American Van Lines	Pacific Bell
1980	All Coast Trading	Pacific Telephone
	flare In aports	Pacific Telephone
1975	All Coast Trading	Luskey Brothers & Co., Inc.
	Flare Imports	Luskey Brothers & Co., Inc.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

A AIRWAY AVE

3183 A AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Inteta Cive Computer Systems Inc	Pacific Telephone

3184 A AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Decision Planning Corp	Pacific Telephone

AIRWAY

3183 AIRWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Synte Xt	Pacific Bell

3184 AIRWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Newport Coast Financial	Pacific Bell
	Newport Financial	Pacific Bell
	Sports Lifestyles Associates	Pacific Bell
	Newport Financial Associates Inc	Pacific Bell
	Newport Financial Group Inc	Pacific Bell

3185 AIRWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Fell Meyer & Mc Carthy A Professional Corp	Pacific Bell
	Fell Sheila Fell Moyer & Mc Carthy A Professional Corp	Pacific Bell
	Mc Carthy Bonnie Fell Meyer B Mc Carthy A Professional Corp	Pacific Bell

3186 AIRWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Shamrock Exterminating Co 7612232	Pacific Bell
	Shamrock Exterminating Co 7612232	Pacific Bell
	Shamrock Exterminating Co 7612232	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Shamrock Exterminating Co 7612232	Pacific Bell
	Shamrock Exterminating Co 7612232	Pacific Bell

AIRWAY AVE

3152 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company
1991	Christensen James FCPA	Pacific Bell

3153 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	AN DRE W S PE TROLE UM IN C	Pacific Bell
	American Realty Advisors	Pacific Bell

Airway Ave

3160 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JOHN WAYNE AIRPORT-ORANGE CNTY	EDR Digital Archive
	ORANGE COUNTY OF	EDR Digital Archive
2010	ORANGE COUNTY OF	EDR Digital Archive
2005	JOHN WAYNE AIRPORT-ORANGE COUN	EDR Digital Archive
	APD ACQUISITION INC	EDR Digital Archive

AIRWAY AVE

3160 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Specialized Management Support Inc	Pacific Bell
	SMS Inc	Pacific Bell
1991	SMS Inc	Pacific Bell
1986	Sms Technical Support	Pacific Bell
	Specialized Management Support Inc	Pacific Bell
1980	Conoco Chemicals Co Division Of Conoco Inc	Pacific Telephone
	Conoco Inc	Pacific Telephone
1975	Conoc Chemicals	Luskey Brothers & Co., Inc.
	Continental Oil Company	Luskey Brothers & Co., Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	General Offices	Luskey Brothers & Co., Inc.

Airway Ave

3168 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	1928 COMPANY A CAL LTD PARTN	EDR Digital Archive
2010	1928 COMPANY A CAL LTD PARTN	EDR Digital Archive
	BACK BEAT INC	EDR Digital Archive
2005	WORLD WIDE PARTS AND ACC	EDR Digital Archive
	PEARSON BROADWELL A CAL LTD	EDR Digital Archive
	1928 COMPANY A CAL LTD PARTN	EDR Digital Archive

AIRWAY AVE

3168 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	WORLD WIDE PARTS	Haines Company
	AND ACCESSORY WORLD PAC	Haines Company
1986	Pierce Associates	Pacific Bell
	Colonel Video Inc	Pacific Bell

Airway Ave

3170 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HAJOCA CORPORATION	EDR Digital Archive
2010	DANA CREATH DESIGNS LTD	EDR Digital Archive
2005	DANA CREATH DESIGNS LTD	EDR Digital Archive
	PACIFIC COIN INC	EDR Digital Archive

AIRWAY AVE

3170 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	DANACREATH DESIGN	Haines Company
	r ARABDuane	Haines Company
1986	ElectroSport Inc	Pacific Bell
	Electro Sport Ie	Pacific Bell
1980	Andierson Meta Fireplace Co	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Rohm Sales Inc	Pacific Telephone
	Anderso Michael. .542 302.	Pacific Telephone
	Fashionable Furniture	Pacific Telephone
1975	Trabaca Products Of California Inc	Luskey Brothers & Co., Inc.

Airway Ave

3176 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	STEVE MILLEN SPORTPARTS INC	EDR Digital Archive
	TUBE SOLUTIONS INCORPORATED	EDR Digital Archive
	SMR INCORPORATED	EDR Digital Archive
	PERFORMANCE MARKETING	EDR Digital Archive
2010	PERFORMANCE MARKETING	EDR Digital Archive
	SMR INCORPORATED	EDR Digital Archive
	TUBE SOLUTIONS INCORPORATED	EDR Digital Archive
	MILLEN STEVE SPORTPARTS INC	EDR Digital Archive
2005	MILLEN STEVE SPORTPARTS	EDR Digital Archive
	TUBE SOLUTIONS INCORPORATED	EDR Digital Archive
	SMR INCORPORATED	EDR Digital Archive
	PERFRMNC MARKETING	EDR Digital Archive

AIRWAY AVE

3176 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	STEVE MILLEN	Haines Company
	SPORTPARTSINC STILLEN	Haines Company
	SUPERTRUCKS	Haines Company
1995	Milfen Steve Sports Cars	Pacific Bell
	Millen Steve Sportparts Inc	Pacific Bell
	Stillen	Pacific Bell
1991	Insulectro	Pacific Bell
	Quintec	Pacific Bell
1986	Insulectro	Pacific Bell
	Quintec	Pacific Bell
1980	Westglas	Pacific Telephone
	Quintec	Pacific Telephone
	No Charge To Calling Party	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	From los Angeles Telephones Cll	Pacific Telephone
	Insulectro	Pacific Telephone

Airway Ave

3178 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CAREY ASSOC	EDR Digital Archive

AIRWAY AVE

3180 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company
1995	Rogers Photo & Frame	Pacific Bell
1991	Crab Hideout	Pacific Bell
	RWs Crab Hideout	Pacific Bell
1986	Me Cormicks Landing	Pacific Bell
1980	le Cormicks Landing	Pacific Telephone
	Mc Cormish K	Pacific Telephone

3181 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company
1975	TEXAS INSTRUMENTS INC	Luskey Brothers & Co., Inc.

Airway Ave

3183 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LAUREL ELECTRONICS INC	EDR Digital Archive
	KIERTRON INC	EDR Digital Archive
	AERIAL MEDIA PROS	EDR Digital Archive
	KBW CAPITAL INC	EDR Digital Archive
	BREWER RENTALS LLC	EDR Digital Archive
	BREWER AND BREWER	EDR Digital Archive
	CURTIS ALAN W ATTORNEY AT LAW	EDR Digital Archive
	BLUE C ADVERTISING INC	EDR Digital Archive
	ALL PRO RESTORATION CNSTR INC	EDR Digital Archive
	MILLENNIUM HEALTH INSUR INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	KASHVIK BAY HOLDING LLC	EDR Digital Archive
	NUSHAGAK HOLDING LLC	EDR Digital Archive
	LAGUNA INVESTMENT INC	EDR Digital Archive
	M SQUARED MEDICAL LLC	EDR Digital Archive
	BREWER INTERNATIONAL INC	EDR Digital Archive
	BACK TO BASICS	EDR Digital Archive
	YALE ENTITY SERVICES CORP	EDR Digital Archive
	EPOS BUSINESS SOLUTIONS	EDR Digital Archive
	JUDY VENN & ASSOCIATES INC	EDR Digital Archive
	INTERIOR DESIGN GROUP LLC	EDR Digital Archive
	NOELS TAX SERVICE	EDR Digital Archive
	MAG CONSTRUCTION	EDR Digital Archive
	CLRS TECHNOLOGY CORPORATION	EDR Digital Archive
	VANTAGE AEROSPACE INC	EDR Digital Archive
MARJACK LLC	EDR Digital Archive	
2010	MARJACK LLC	EDR Digital Archive
	DISCOUNT SCIENTIFIC LLC	EDR Digital Archive
	GENERAL PROJECT USA LLC	EDR Digital Archive
	SCULTURA CORP	EDR Digital Archive
	APTERA COMMUNICATIONS LLC	EDR Digital Archive
	DWELLINGLIVE	EDR Digital Archive
	NOELS TAX SERVICE	EDR Digital Archive
	AKINSPARKER CREATIVE LLC	EDR Digital Archive
	FABIAN FINANCIAL SERVICES	EDR Digital Archive
	C R E S CORPORATION	EDR Digital Archive
	ASSURED CAPITAL CORPORATI	EDR Digital Archive
	INTERIOR DESIGN GROUP LLC	EDR Digital Archive
	JOHN HOWENSTINE INC	EDR Digital Archive
	CONSULTING SERVICES INTL	EDR Digital Archive
	JASICH & BEAUCHAMP FIRE ANL B2	EDR Digital Archive
	A & E SOLUTION	EDR Digital Archive
	PROSPICE GROUP INC	EDR Digital Archive
	BACK TO BASICS	EDR Digital Archive
	ELEGANT SHOPPING	EDR Digital Archive
	SAGER & ASSOCIATES	EDR Digital Archive
	WEST-PAC PETROLEUM	EDR Digital Archive
	LAGUNA INVESTMENT INC	EDR Digital Archive
	BLUE C ADVERTISING INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	DETAILS INTERIOR DESIGN LLC	EDR Digital Archive
	TOP SPIN COMMUNICATIONS	EDR Digital Archive
	CURTIS ALAN W ATTORNEY AT LAW	EDR Digital Archive
	BREWER RENTALS LLC	EDR Digital Archive
	VENTURE-NET PARTNERS	EDR Digital Archive
	KBW CAPITAL INC	EDR Digital Archive
	KIERTRON INC	EDR Digital Archive
	LAUREL ELECTRONICS INC	EDR Digital Archive
2005	LAUREL ELECTRONICS INC	EDR Digital Archive
	BONNIE TOTH ADVG & DESIGN	EDR Digital Archive
	ACM WEST	EDR Digital Archive
	BB COLLECTIONS INC	EDR Digital Archive
	MERIDIAN HEALTH & NUTRITION	EDR Digital Archive
	JERALD L KRICHMAR INC	EDR Digital Archive
	MICRO-TEC WEST	EDR Digital Archive
	CHINO HILLS PARKWAY LLC	EDR Digital Archive
	AKUA CORPORATION	EDR Digital Archive
	TRADEMARK GRAPHIC SUPPORT FIRM	EDR Digital Archive
	FIDELITY FAMILY HOLDINGS INC	EDR Digital Archive
	BRIDGEWORKS COMMERCIAL MGT	EDR Digital Archive
	THRASH DEBRA	EDR Digital Archive
	ELEGANT SHOPPING	EDR Digital Archive
	TERRY KATHRYN E ATTY	EDR Digital Archive
	A & E SOLUTION	EDR Digital Archive
	JASICH & BEAUCHAMP FIRE ANL B2	EDR Digital Archive
	EMPLOYMENTWORKS	EDR Digital Archive
	MARJACK LLC	EDR Digital Archive
	SADDLEHILL TRAILS FARM INC	EDR Digital Archive
	MARCHETTI & ASSOCIATES	EDR Digital Archive
	ENCOMPASS MECHANICAL SERVICES	EDR Digital Archive
	PACIFIC RIM MECHANICAL CONTRS	EDR Digital Archive
	HILTON ENGINEERING INCORPORATE	EDR Digital Archive
	AKINSPARKER CREATIVE LLC	EDR Digital Archive
	RYAN IMPORTS	EDR Digital Archive
	SCULTURA CORP	EDR Digital Archive

FINDINGS

AIRWAY AVE

3183 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BUILDING CALRIO	Haines Company
	ELEGANTSHOPPING	Haines Company
	ELEGANTSHOPPING	Haines Company
	KBRTRADIO	Haines Company
	MARJACKLLC	Haines Company
	MICROTEC WEST	Haines Company
	PACIFIC RIM	Haines Company
	MECHANICAL PRISCOMMING	Haines Company
	TOTH STAUFER	Haines Company
	ADVERTISINGADSGN VOSITECHNOLOGIES	Haines Company
	CORPORATION	Haines Company
1995	Cancun Color Productions	Pacific Bell
	Construction Architects Inc	Pacific Bell
	Development Group The	Pacific Bell
	Foley R L & Associates	Pacific Bell
	Hancock Development Co	Pacific Bell
	Jasich & Beauchamp Fire Analysis	Pacific Bell
	Johnee Bee Show The	Pacific Bell
	KB R T Radio	Pacific Bell
	K & S Development Co	Pacific Bell
	Klyotoki Associates	Pacific Bell
	Marchetti & Associates	Pacific Bell
	Page Works The Service Bureau	Pacific Bell
	R L Foley & Associates	Pacific Bell
	Ransom Group Inc The	Pacific Bell
	San Antonio Development Co	Pacific Bell
	Stapp Michael Inc	Pacific Bell
	Synte Xt	Pacific Bell
	Trade Mark The Graphic Support Firm	Pacific Bell
	Urban Planning Resources See U P R Land Planning	Pacific Bell
	Westwerke Automotive	Pacific Bell
YES Computer Processing	Pacific Bell	
Yeakel Electronic Software	Pacific Bell	
Yeakel Electronic Systems	Pacific Bell	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	A E C Associates	Pacific Bell
	A E C French Language Services Translation & Tutoring	Pacific Bell
	B I S Sales Service Division	Pacific Bell
	B I S Sales Service Division	Pacific Bell
	BISS	Pacific Bell
	Beauchamp Fire Analysis	Pacific Bell
1991	A E C Associates	Pacific Bell
	Alpine Group The	Pacific Bell
	BIS Sales	Pacific Bell
	California Professional Computing Inc	Pacific Bell
	Cancun Color Productions	Pacific Bell
	Construction Architects Inc	Pacific Bell
	Construction Business Systems	Pacific Bell
	From Newport Bunch Telephaons Call	Pacific Bell
	Design Star Consultants Inc	Pacific Bell
	Development Group The	Pacific Bell
	Foley R L & Associates	Pacific Bell
	Glenmart Company Inc	Pacific Bell
	Hancock Development Co	Pacific Bell
	Hancock Diana	Pacific Bell
	Janis Kerr & Associates	Pacific Bell
	K BRT Radio	Pacific Bell
	K C Air Conditioning PO Box 503 @Cypress@	Pacific Bell
	KC & Associates	Pacific Bell
	K & S Development Co	Pacific Bell
	Kato Arlene Design	Pacific Bell
	Kerr Janis & Associates	Pacific Bell
	Nationwide Lease Associates Inc	Pacific Bell
	Northwood Design Company	Pacific Bell
	R L Foley & Associates	Pacific Bell
	San Antonio Development Co	Pacific Bell
	Sanantonio Jose	Pacific Bell
	San Antonio Rigid Pole Construction	Pacific Bell
	Southwestern Composites Inc	Pacific Bell
	Southwestern Network Systems Corp	Pacific Bell
	Spectrum Design Commercial Interiors	Pacific Bell
	Westwerke Automotive	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Architectural Development Services	Pacific Bell
	B I S Sales	Pacific Bell
	Business Information Systems Sales	Pacific Bell
	California Professional Computing Inc	Pacific Bell
	Dal Cal International	Pacific Bell
	Delta Data Systems	Pacific Bell
	Development Group The	Pacific Bell
	Foley Building	Pacific Bell
	Foley R L & Associates	Pacific Bell
	Glenmart Company Inc	Pacific Bell
	International Audio	Pacific Bell
	Jakelis Rolls & Raoclyffe Inc	Pacific Bell
	Janis Kerr interior Color	Pacific Bell
	K & S Development Co	Pacific Bell
	Ken Jans Interior Color	Pacific Bell
	Med Tech Engineering Inc	Pacific Bell
	Orange County Acoustics	Pacific Bell
	Main Ofc	Pacific Bell
	R L Foley & Associates	Pacific Bell
	Respiratory Support Products Inc	Pacific Bell
	S S P Associates	Pacific Bell
	San Antonio Development Co	Pacific Bell
	Stapp Michael Inc	Pacific Bell
1980	international Audio	Pacific Telephone
	Action Communication Systems	Pacific Telephone
	ACTION CON TAIN E R CORPORATION	Pacific Telephone
	Architectural Development Services	Pacific Telephone
	Foiey Building	Pacific Telephone
	Foley R & Associates	Pacific Telephone
	Hallisey & Tichey Contract Interiors	Pacific Telephone
	Industrial And Commercial Marketing Inc	Pacific Telephone
	Logan Computer	Pacific Telephone
	Logan M D	Pacific Telephone
	Optical Business Machines	Pacific Telephone
	Optical Data Forms	Pacific Telephone
	Thoracel Corp	Pacific Telephone
Tronomed international	Pacific Telephone	

FINDINGS

Airway Ave

3184 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2014	FOCUS REAL ESTATE GROUP LLC	EDR Digital Archive	
	WRG INC	EDR Digital Archive	
	SMOKY HOLLOW PARTNERS LLC	EDR Digital Archive	
	HR FACTOR INC	EDR Digital Archive	
	NEWPORT REAL ESTATE SVCS INC	EDR Digital Archive	
	DELTA PARTNERS LLC	EDR Digital Archive	
	TOUCHPOINTE SOLUTIONS LLC	EDR Digital Archive	
	SOCIAL MEDIA CAMPAIGNS	EDR Digital Archive	
	GALLARDO ERNIE	EDR Digital Archive	
	GREEN CHIP ELECTRONICS	EDR Digital Archive	
	GROVES INVESTMENT COMPANY	EDR Digital Archive	
	CITATION CAPITAL PARTNERS INC	EDR Digital Archive	
	HELI-MART SERVICES INC	EDR Digital Archive	
	HELI-MART INC	EDR Digital Archive	
	CALIFORNIA AERO COMPONENTS	EDR Digital Archive	
	ROALF CRAIG R E	EDR Digital Archive	
	CHM LLC	EDR Digital Archive	
	HOWARD BUILDING CORPORATION	EDR Digital Archive	
	JASON MALECKA	EDR Digital Archive	
	OKTOS SURGICAL CORPORATION	EDR Digital Archive	
	DON P NICHOLS FOUNDATION INC	EDR Digital Archive	
	ORANGE COUNTY COMPONENTS INC	EDR Digital Archive	
	PROFORMA PLUS REAL ESTATE SVC	EDR Digital Archive	
	BKM CAPITAL PARTNERS LLC	EDR Digital Archive	
	POPE SPINDLE SVC	EDR Digital Archive	
	2010	POPE SPINDLE SVC	EDR Digital Archive
		EGO FACTORY	EDR Digital Archive
GETINGE USA INC		EDR Digital Archive	
VALLEY PLZ INV LLC A CALIFORN		EDR Digital Archive	
BEREAN COMMUNITY CHURCH		EDR Digital Archive	
DON P NICHOLS FOUNDATION INC		EDR Digital Archive	
ROALF CRAIG R E		EDR Digital Archive	
HOLBROOK & CO		EDR Digital Archive	
ELECTRONIC DESIGN	EDR Digital Archive		
OKTOS SURGICAL CORPORATION	EDR Digital Archive		

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	DCI PACIFIC	EDR Digital Archive
	HOWARD BUILDING CORPORATION	EDR Digital Archive
	HELI-MART SERVICES INC	EDR Digital Archive
	HELI-MART INC	EDR Digital Archive
	CALIFORNIA AERO COMPONENTS	EDR Digital Archive
	CITATION CAPITAL PARTNERS INC	EDR Digital Archive
	GROVES INVESTMENT COMPANY	EDR Digital Archive
	GALLARDO ERNIE	EDR Digital Archive
	NEWPORT REAL ESTATE SVCS INC	EDR Digital Archive
	WRG INC	EDR Digital Archive
	TOUCHPOINTE SOLUTIONS LLC	EDR Digital Archive
	FOCUS REDLANDS LLC	EDR Digital Archive
	FOCUS REAL ESTATE GROUP LLC	EDR Digital Archive
2005	WRG INC	EDR Digital Archive
	A C LEMON LLC	EDR Digital Archive
	ALEXANDER COMMUNITIES INC	EDR Digital Archive
	CITRUS CLLECTN AT REDLANDS LLC	EDR Digital Archive
	GCA INVESTMENTS LP	EDR Digital Archive
	AZUSA RIDGE 26 A CAL LTD PA	EDR Digital Archive
	GALLARDO ERNIE	EDR Digital Archive
	GEORGE SMITH PARTNERS INC	EDR Digital Archive
	GROVES INVESTMENT COMPANY	EDR Digital Archive
	RICHARDS BOULEVARD PARTNERS	EDR Digital Archive
	DME/GOLF LLC	EDR Digital Archive
	CONTINENTAL PLAZA PHASE 4 LLC	EDR Digital Archive
	HELI-MART INC	EDR Digital Archive
	CALIFORNIA AERO COMPONENTS	EDR Digital Archive
	HELI-MART SERVICES INC	EDR Digital Archive
	HOWARD BUILDING CORPORATION	EDR Digital Archive
	MICHAEL HOWARD COMPANY INC	EDR Digital Archive
	BENSON PARTNERS	EDR Digital Archive
	LOANQUBE LLC	EDR Digital Archive
	PARK MANOR MH PK	EDR Digital Archive
CAPORICCI & LARSON	EDR Digital Archive	
BLANCO INVESTMENTS & LAND LTD	EDR Digital Archive	
VALLEY PLZ INV LLC A CALIFORN	EDR Digital Archive	
REGAL HC LIMITED PARTNERSHIP	EDR Digital Archive	
MAXIM BUSINESS SYSTEMS INC	EDR Digital Archive	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CORPORATE MOTIVATORS INC	EDR Digital Archive
	UMCI INTERNATIONAL INC	EDR Digital Archive
	NEWPORT FILM PRODUCERS INC	EDR Digital Archive
	LENDERHOST INC	EDR Digital Archive
	DIEDRICH COFFEE INC	EDR Digital Archive

AIRWAY AVE

3184 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BUILDING	Haines Company
	ASSET MANGMNT	Haines Company
	CONSULTANTS INC BENSON PARTNERS	Haines Company
	BLANCO INVESTMENTS	Haines Company
	CAPPELTi MOTHYR	Haines Company
	All Y CENTER GROUP	Haines Company
	CENTER GROUPTHE	Haines Company
	COOKFRED	Haines Company
	ARCHITECTS DMEGOLF	Haines Company
	DMEGOLF	Haines Company
	ELECTRONICDESIGN	Haines Company
	ASSOCIATES FINISTERRACORP	Haines Company
	GALLARDOERNIE	Haines Company
	QEORGESMITH	Haines Company
	PARTNERS INC GROVE INVESTMENT	Haines Company
	HBCHOWARD	Haines Company
	BUILDING HANNA SUSANJ	Haines Company
	HELIMART	Haines Company
	HELIMART	Haines Company
	INTERGAME	Haines Company
	JELINEKHOWARD PHD	Haines Company
	MISSIONPAGEANT	Haines Company
	FOUNDATION J NOTTBRUCEE	Haines Company
	PIDAGROUP	Haines Company
	POPESPINDLESERV	Haines Company
1995	Avcenter Aircraft Supply	Pacific Bell
	Benson Partners	Pacific Bell
	Bradford Building Services	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	DME Golf	Pacific Bell
	Davin & Associates	Pacific Bell
	Electronic Design Associates	Pacific Bell
	Gallardo Ernie	Pacific Bell
	Goldivan Inc	Pacific Bell
	Grove Investment Co	Pacific Bell
	Hall Richard A Co	Pacific Bell
	Heli Mart	Pacific Bell
	Howard Building Corp	Pacific Bell
	Jelinek Howard Ph D Electronic Design Associates	Pacific Bell
	Lewis Richard D AIA	Pacific Bell
	Newport Coast Financial	Pacific Bell
	Newport Financial	Pacific Bell
	Newport Financial Group Inc	Pacific Bell
	Newport Financial Associates Inc	Pacific Bell
	Nott Bruce E	Pacific Bell
	Pacific Housing Management	Pacific Bell
	Pida Group	Pacific Bell
	Royal Aviation Flying Club	Pacific Bell
	Sidawl & Associates Consulting Engineers	Pacific Bell
	So Cal Sweeping	Pacific Bell
	Sports Lifestyles Associates	Pacific Bell
	1991	A Plus Bookkeeping Services
Associated Design Studios Inc		Pacific Bell
AVCENTER AIRCRAFT SUPPLY		Pacific Bell
Decision Planning Corp		Pacific Bell
Electronic Design Associates		Pacific Bell
Gallardo Ernie		Pacific Bell
Gallardo Francisco		Pacific Bell
Hodgson Maryann		Pacific Bell
Lasarray Asic Center		Pacific Bell
Musser & Cox Architects		Pacific Bell
Nott Bruce E		Pacific Bell
Pzazz		Pacific Bell
Regal Homes		Pacific Bell
1986	Sidawi & Associates Consulting Engineers	Pacific Bell
	Somers James Co	Pacific Bell
1986	ACS DIVE RS IFIE D IN C	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Arcon Engineers	Pacific Bell
	Associated Design Studios Inc	Pacific Bell
	AVCE N TE R AIRCRAFT S UPPLY	Pacific Bell
	Born Barrett & Associates constltn g engnrs	Pacific Bell
	CPM Research West	Pacific Bell
	Campbell Richard W consulting structrl engnr	Pacific Bell
	Decision Planning Corp	Pacific Bell
	Professional Positioners Inc	Pacific Bell
	Reedcorp Engineering	Pacific Bell
	Reliable Maintenance Service	Pacific Bell
1980	Alpha Set	Pacific Telephone
	Alpha Sierra Inc S OOC Newport Center Dr @Newport Beach@	Pacific Telephone
	Associated Design Studios Inc	Pacific Telephone
	Avcenter Aircraft Supply	Pacific Telephone
	Filet	Pacific Telephone
	HOLLE N BE CK DE VE LOPME N T CO S	Pacific Telephone
	From Los Anaeles Telephones Call	Pacific Telephone
	L D Plastic Tool & Die	Pacific Telephone
	Lee Douglas H AI A	Pacific Telephone
	ee & Sakahara Associates A I A	Pacific Telephone
	Willer Robert R Productions	Pacific Telephone
	Protessional Positioners Inc	Pacific Telephone
	RDA Enterpr Ises	Pacific Telephone
	Sails Construction	Pacific Telephone
	Sails Development	Pacific Telephone
Saka ara Ronald A IA	Pacific Telephone	

Airway Ave

3185 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	KINGS SEAFOOD COMPANY LLC	EDR Digital Archive
	UNIVERSITY RESTAURANT GROUP	EDR Digital Archive
	KINGS FISH HOUSE	EDR Digital Archive
	CMM PRODUCTS CO LLC	EDR Digital Archive
	DIGITAL SERVICES COMPANY	EDR Digital Archive
	KKPI PROPERTIES II LLC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ATLAS ENVIRONMENTAL ENGRG INC	EDR Digital Archive
	FLYING KIWIS INCORPORATED	EDR Digital Archive
	J P INSTRUMENTS INC	EDR Digital Archive
	JADE HOMES	EDR Digital Archive
	TUTTLE DEVELOPMENT COMPANY	EDR Digital Archive
	SKINNER WILLIAM E ARCHITECTS	EDR Digital Archive
	VODEX COMMUNICATIONS CORP	EDR Digital Archive
	ACCOUNTING RESOURCE SOFTWARE	EDR Digital Archive
	SANTE FE MEMBERS LLC	EDR Digital Archive
	PEORIA MEMBERS LLC	EDR Digital Archive
	SITE CREW INC	EDR Digital Archive
	STEPHENS COMPANY	EDR Digital Archive
	CCC RESTAURANT ENTERPRISES LLC	EDR Digital Archive
2010	ALLIANCE DIRECT LENDING INC	EDR Digital Archive
	PALOMAR DISC TECHNOLOGY	EDR Digital Archive
	STEPHENS COMPANY	EDR Digital Archive
	PETRA GEOTECHNICAL INC	EDR Digital Archive
	SANTE FE MEMBERS LLC	EDR Digital Archive
	PEORIA MEMBERS LLC	EDR Digital Archive
	MELINDA S ALASKA	EDR Digital Archive
	MARTIN CHOW NAKABARA INC	EDR Digital Archive
	ACCOUNTING RESOURCE SOFTWARE	EDR Digital Archive
	MICRO-TEC WEST	EDR Digital Archive
	INTELIO TECHNOLOGIES	EDR Digital Archive
	RESPONSE MARKETING	EDR Digital Archive
	GUTHRIE SAN DIMAS LLC	EDR Digital Archive
	JD ELDEN LLC	EDR Digital Archive
	OLIPHANT LAMPSON INDUS LLC	EDR Digital Archive
	AMERICAN TAX INSTITUTE	EDR Digital Archive
	BERRY STREET MAINTENANCE CORP	EDR Digital Archive
	SKINNER WILLIAM E ARCHITECTS	EDR Digital Archive
	GDC TUSTIN FREEWAY LLC	EDR Digital Archive
	ALAMEDA CMMERCE CTR MAINT CORP	EDR Digital Archive
	MEATS AVE BUS CTR MAINT CORP	EDR Digital Archive
	ROBERT & DEBRA GUTHRIE TRUST	EDR Digital Archive
	GCA LAND HOLDINGS	EDR Digital Archive
TUTTLE DEVELOPMENT COMPANY	EDR Digital Archive	
JADE HOMES	EDR Digital Archive	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	J P INSTRUMENTS INC	EDR Digital Archive
	ATLAS ENVIRONMENTAL ENGRG INC	EDR Digital Archive
	DIGITAL SERVICES COMPANY	EDR Digital Archive
	CMM PRODUCTS CO LLC	EDR Digital Archive
	DIGITAL SERVICE COMPANY	EDR Digital Archive
	KINGS SEAFOOD COMPANY LLC	EDR Digital Archive
	UNIVERSITY RESTAURANT GROUP	EDR Digital Archive
2005	CONGRESS LIFE CORPORATION	EDR Digital Archive
	KS 1958	EDR Digital Archive
	AMERICAN CONSULTING GROUP	EDR Digital Archive
	AMERICAN CONSULTING GROUP INC	EDR Digital Archive
	DIGITAL SERVICE COMPANY	EDR Digital Archive
	DIGITAL SERVICES COMPANY	EDR Digital Archive
	CMM PRODUCTS CO LLC	EDR Digital Archive
	SUN MAPS INC	EDR Digital Archive
	UNIVERSITY RESTAURANT GROUP	EDR Digital Archive
	BOJORQUEZ & ANDERSON INC	EDR Digital Archive
	J P INSTRUMENTS INC	EDR Digital Archive
	SC RAMADA INC A CORP	EDR Digital Archive
	JRW REALTY SERVICES INC	EDR Digital Archive
	M & C ENTERPRISES LLC	EDR Digital Archive
	TUTTLE DEVELOPMENT COMPANY	EDR Digital Archive
	GREEN RIVER SYSTEMS LLC	EDR Digital Archive
	ROBERT & DEBRA GUTHRIE TRUST	EDR Digital Archive
	ORANGE INDUSTRIAL PARK LLC	EDR Digital Archive
	SKINNER WILLIAM E ARCHITECTS	EDR Digital Archive
	AMERICAN LENDING ALLIANCE INC	EDR Digital Archive
	ENCORE VOCALS FOR ALL OCCAS IO	EDR Digital Archive
	RESPONSE MARKETING	EDR Digital Archive
	PALOMAR DISC TECHNOLOGY	EDR Digital Archive
	NATIONAL SECURITY PATROL	EDR Digital Archive
	MELINDA S ALASKA	EDR Digital Archive
	SANTE FE MEMBERS LLC	EDR Digital Archive
	PEORIA MEMBERS LLC	EDR Digital Archive
PETRA GEOTECHNICAL INC	EDR Digital Archive	
ASSOCIATION OF GRAPHIC COMM	EDR Digital Archive	
PROLAB IMAGING SERVICES INC	EDR Digital Archive	
STEPHENS COMPANY	EDR Digital Archive	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	GUTHRIE LOS NIETOS LLC	EDR Digital Archive
	IMPRESSIONS MFG INC	EDR Digital Archive

AIRWAY AVE

3185 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	INC SKINNERWM E 4 ASSC	Haines Company
	TUTTLEDEVELPMNT	Haines Company
	6 0 BUILDING AMERICAN	Haines Company
	CONSULTING GROUP	Haines Company
	INC APPLIED WHOLESALE	Haines Company
	MORTGAGE BOJOROUENZ&ANDERS	Haines Company
	ON CMM PRODUCTS	Haines Company
	CAUFORNIOSTHE	Haines Company
	CLASSIC	Haines Company
	COLORAPREPRESS CLASSIC EDITIONS	Haines Company
	DIGITALSERVICES	Haines Company
	ENCORE VOCALS FOR	Haines Company
	ALL OCCSNS GLPKARJALA	Haines Company
	ASSOCIATES INC	Haines Company
	HANLON ENGINEERING	Haines Company
	INC JPINSTRUMENTS	Haines Company
	KLEIN	Haines Company
	JAMES&ASSOCIATES NEXGEN DIGITALINC	Haines Company
	OCCUPTNLHEALTH	Haines Company
	SERVICES OHSHEALTHASAFETY	Haines Company
	SERVICES INC ORANGECOUNTY	Haines Company
	LIGHT OPERA CO	Haines Company
	PETRAGEOTECHNICAL	
1995	American Consulting Group Inc	Pacific Bell
	Classic Type & Prepress	Pacific Bell
	Enviro Pacific	Pacific Bell
	Fell Meyer & Mc Carthy A Professional Corp	Pacific Bell
	Fell Sheila Fell Moyer & Mc Carthy A Professional Corp	Pacific Bell
	Financial Logistic Group	Pacific Bell
	Kokusai Trading	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Maxim Business Systems	Pacific Bell
	Mc Carthy Bonnie Fell Meyer B Mc Carthy A Professional Corp	Pacific Bell
	Meyer Keith Fell Meyer & Mc Carthy A Professional Corp	Pacific Bell
	Petra Geotechnical Inc	Pacific Bell
	Reid Advertising & Public Relations	Pacific Bell
	Skinner Wm E & Associates	Pacific Bell
	Soranzo Internatl	Pacific Bell
	Star West	Pacific Bell
	Tuttle Development Co	Pacific Bell
	Venture Holdings	Pacific Bell
	Yeary & Associates	Pacific Bell
	Yeary & Associates Inc	Pacific Bell
1991	Bas Microtech	Pacific Bell
	Business Application Sources	Pacific Bell
	Business Automation Associates	Pacific Bell
	BUSINESSAUTOMATIONINC	Pacific Bell
	Center For Human Resources The	Pacific Bell
	Composing Room The	Pacific Bell
	Genesis Business Services	Pacific Bell
	Grafcomm	Pacific Bell
	Griffith Group The	Pacific Bell
	Jostens Publications	Pacific Bell
	KARJALA DALE & ASSOCIATES INC	Pacific Bell
	MaxIm Business Systems	Pacific Bell
	Maxim M @Garden Grove@	Pacific Bell
	Mortgage Consultants Group	Pacific Bell
	Petra Geotechncal Inc	Pacific Bell
	Realty Asset Management Group	Pacific Bell
	Reid Advertising & Public Relations	Pacific Bell
	Skinner Wm E& Associates	Pacific Bell
	Tuttle Development Co	Pacific Bell
	West Coast Industrial Relations Assn Inc	Pacific Bell
	Yeary & Associates	Pacific Bell
	Yeary & Associates Inc	Pacific Bell
	Yeary & Associates Inc	Pacific Bell
Yeary Communications	Pacific Bell	
1986	Allied Education Inc	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Balzer Wolf Associates	Pacific Bell
	Center For Human Resources The	Pacific Bell
	Compro Electronics Inc	Pacific Bell
	Compro Electronics Inc	Pacific Bell
	Electrotek International Inc	Pacific Bell
	Graphic Scan Service	Pacific Bell
	Green William & Associates	Pacific Bell
	Mirth Works The	Pacific Bell
	Mortgage Consultants	Pacific Bell
	Realty Asset Management Group	Pacific Bell
	Reid Advertising & Public Relations	Pacific Bell
	Service Concepts International Inc	Pacific Bell
	Skinner Wm E & Associates	Pacific Bell
1980	AIM MBS	Pacific Telephone
	Amerea International Inc	Pacific Telephone
	DMS OIJTH IMPORTS IN C	Pacific Telephone
	Fine Arts	Pacific Telephone
	Skinner Wm E & Associates	Pacific Telephone
	Thermax Systems Inc	Pacific Telephone
	Yeary & Associates	Pacific Telephone
	From @Long Beach@ Telephones Call	Pacific Telephone

Airway Ave

3186 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WARRIOR PETROLEUM LLC	EDR Digital Archive
	MJ INVESTMENTS LLC	EDR Digital Archive
	WHITENER GRAPHICS	EDR Digital Archive
	KEN OKAMOTO ASSOCIATES INC	EDR Digital Archive
	FSA DESIGN	EDR Digital Archive
	NATIONAL APPRAISAL GUIDES INC	EDR Digital Archive
	DC AIRWAY PROPERTIES LLC	EDR Digital Archive
	NAVITAS UTILITY CORPORATION	EDR Digital Archive
	STREETMASTER	EDR Digital Archive
	CAMPUS COMMNS-BRNCHS ASSOC VEN	EDR Digital Archive
	SAMMIS LEE AND ASSOCIATES	EDR Digital Archive
	RALEIGH LAND & FARMING II LLC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	H R STEEL INC	EDR Digital Archive
	3195 AIRPORT LOOP PARTNERS LLC	EDR Digital Archive
	FINTON ASSOCIATES	EDR Digital Archive
	MAI COUTURE	EDR Digital Archive
	NEWLAND DESIGN & ASSOC INC	EDR Digital Archive
	A&K GRAAFMANS PROPERTIES LLC	EDR Digital Archive
2010	A&K GRAAFMANS PROPERTIES LLC	EDR Digital Archive
	NEWLAND DESIGN & ASSOC INC	EDR Digital Archive
	PHOTO CENTER INC	EDR Digital Archive
	LSA-SUTTON INC	EDR Digital Archive
	CYBERTECH DESIGNS INC	EDR Digital Archive
	JIM DAY COMMUNICATIONS	EDR Digital Archive
	MD REEVES TRUST U/D/T OCTO	EDR Digital Archive
	3195 AIRPORT LOOP PARTNERS LLC	EDR Digital Archive
	FINTON CONSTRUCTION INC	EDR Digital Archive
	RALEIGH LAND & FARMING II LLC	EDR Digital Archive
	SAMMIS LEE ASSOCIATES	EDR Digital Archive
	DESIGN DYNAMICS	EDR Digital Archive
	CAMPUS COMMNS-BRNCHS ASSOC VEN	EDR Digital Archive
	CALIFORNIA READING ASSOCIATION	EDR Digital Archive
	DC AIRWAY PROPERTIES LLC	EDR Digital Archive
	DDC MARINE LLC	EDR Digital Archive
	NATIONAL APPRAISAL GUIDES INC	EDR Digital Archive
	FSA DESIGN	EDR Digital Archive
	JUDY VENN & ASSOCIATES INC	EDR Digital Archive
	VANTAGE AEROSPACE INC	EDR Digital Archive
	WHITENER GRAPHICS	EDR Digital Archive
	KEN OKAMOTO ASSOCIATES INC	EDR Digital Archive
	MJ INVESTMENTS LLC	EDR Digital Archive
CROWNPOINT LLC	EDR Digital Archive	
2005	CROWNPOINT LLC	EDR Digital Archive
	OKAMOTO KEN ASSOCIATES INC	EDR Digital Archive
	WHITENER GRAPHICS	EDR Digital Archive
	VENN JUDY & ASSOCIATES INC	EDR Digital Archive
	M SANBONMATSU & CO	EDR Digital Archive
	FESSEL INTERNATIONAL INC	EDR Digital Archive
	NATIONAL APPRAISAL GUIDES	EDR Digital Archive
CALIFORNIA READING ASSOCIATION	EDR Digital Archive	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	DESIGN DYNAMICS	EDR Digital Archive
	SAMMIS LEE ASSOCIATES	EDR Digital Archive
	RALEIGH LAND & FARMING II LLC	EDR Digital Archive
	MAUI BABE	EDR Digital Archive
	CYBERTECH DESIGNS INC	EDR Digital Archive
	PHOTO CENTER INC	EDR Digital Archive
	QUATREFOIL SERVICES INC	EDR Digital Archive
	LUGGAGETURE LLC	EDR Digital Archive

AIRWAY AVE

3186 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BUILDING CALIFORNIA READING ASSOCIATION CUESTA	Haines Company
	CONSTRUCTION DESIGN DYNAMICS	Haines Company
	FRIEDEMANNFK	Haines Company
	VENN&ASSOCIATES LEE	Haines Company
	SAMMIS&ASSOCIATES NADA 714 U	Haines Company
	PM GRAPHICS	Haines Company
	PM GRAPHICS	Haines Company
	PHOTO CENTER INC	Haines Company
	PM GRAPHICS	Haines Company
	PM GRAPHICS	Haines Company
	PM GRAPHICS	Haines Company
	PM GRAPHICS	Haines Company
	PM GRAPHICS	Haines Company
	SMITHRWACO	Haines Company
	WESTEC	Haines Company
	COMMUNICATIONS	Haines Company
1995	Blaketon Group The	Pacific Bell
	Cunningham Group the	Pacific Bell
	Max Co The	Pacific Bell
	Maxsenti Michael	Pacific Bell
	Mesa Energy Systems Inc	Pacific Bell
	N AD A Appraisal Guides	Pacific Bell
	PMGraphics	Pacific Bell
	Shamrock Equipment Company	Pacific Bell
	Smith Greg Communications	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Smith R W & Co	Pacific Bell
1991	Abitibi Corp West Coast Sales District	Pacific Bell
	Deepwater Chemical Co	Pacific Bell
	Deer Canyon Enhancement Group	Pacific Bell
	German Auto Works	Pacific Bell
	Hayes Company The	Pacific Bell
	Hayes Martin Associates	Pacific Bell
	International Parking Design	Pacific Bell
	Knowlton Fernald AIA	Pacific Bell
	N A D A Appraisal Guides	Pacific Bell
	Odle & Associates	Pacific Bell
	Oxford Merger & Acquisitions Inc	Pacific Bell
	PM Graphics	Pacific Bell
	Pacific Pro Motion Services	Pacific Bell
	Roberts Mealer & Emerson Inc	Pacific Bell
	SMITH R W & CO	Pacific Bell
	Westlake Graphics	Pacific Bell
	Westmark & Associates	Pacific Bell
1986	Beam William Design	Pacific Bell
	Data Chron Inc	Pacific Bell
	Deepwater Chemical Co	Pacific Bell
	Georgian Reproductions Div Lama Enterprises US A Inc	Pacific Bell
	Georgian Reproductions Inc	Pacific Bell
	HALL & FORE MAN IN C	Pacific Bell
	Hurtado Richard Design	Pacific Bell
	Lama Enterprises US A Inc	Pacific Bell
	N A D A Appraisal Guides	Pacific Bell
	Omega Controls Corp	Pacific Bell
	PM Graphics	Pacific Bell
	S MITH R W & CO	Pacific Bell
1980	Deepwater Chemical Co	Pacific Telephone
	Durex Products Div Of Deepwater Chemical Co	Pacific Telephone
	HALL & FORE MAN IN C	Pacific Telephone
	Mealer & Emerson Inc	Pacific Telephone
	From @Whittier@ Telephones Call	Pacific Telephone
	PM Graphics	Pacific Telephone
	S MITH R W & CO	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Digital Systems Sales	Pacific Telephone
	Digital Systems Service	Pacific Telephone
	Ecological Services Dallas Tex	Pacific Telephone
	Industrial Controls	Pacific Telephone
	Metallurgical Materials	Pacific Telephone
	Semiconductors	Pacific Telephone
	TE XAS IN S TRUME N TS S UPPLY COMPANZ	Pacific Telephone
	THOMPS ON BLUE PRIN T	Pacific Telephone
	Watanabe Instruments Corp	Pacific Telephone

Airway Ave

3187 Airway Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BRANDOPTIMAL	EDR Digital Archive
	SHINY SQUIRREL	EDR Digital Archive
	ION ME LLC	EDR Digital Archive
	CARELOFT INC	EDR Digital Archive
	HELPIO INC	EDR Digital Archive
	A-TEAM PROPERTY MANAGEMENT INC	EDR Digital Archive
	MOBO MEDIA INC	EDR Digital Archive
	UPPERVIEW DEVELOPMENTS INC	EDR Digital Archive
	PAUL DEXTER CREATIVE LLC	EDR Digital Archive
	ART FOR ART SAKE/JB STUDIOS	EDR Digital Archive
	MITCHELL JAMES E ATTORNEY	EDR Digital Archive
	MITCHELL CAPITAL MANAGEMENT	EDR Digital Archive
	J WILLIAMS CARS INC	EDR Digital Archive
	CANTARA DESIGN GROUP INC	EDR Digital Archive
	SIGNS BY CHRISTY	EDR Digital Archive
	CURTIS & ASSOCIATES	EDR Digital Archive
	RSI GROUP INC	EDR Digital Archive
	MIDNITE AIR CORP	EDR Digital Archive
	RESOURCE SOLUTIONS INC	EDR Digital Archive
	BATIDA INC	EDR Digital Archive
2010	BATIDA INC	EDR Digital Archive
	MEDICAL INTERMEDIARIES	EDR Digital Archive
	ENDEAVOR FINANCIAL SERVICES	EDR Digital Archive
	APPEL BUSINESS MACHINES INC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CURTIS & ASSOCIATES	EDR Digital Archive
	SIGNS BY CHRISTY	EDR Digital Archive
	MC DANIEL BUILDERS INC	EDR Digital Archive
	SOUTHCOAST DRYWALL INC	EDR Digital Archive
	DEVELOPMENT SUPPORT SVCS INC	EDR Digital Archive
	J WILLIAMS CARS INC	EDR Digital Archive
	ELSINORE HOMES INCORPORATED	EDR Digital Archive
	PRESENTATION SYSTEMS INC	EDR Digital Archive
	MITCHELL CAPITAL MANAGEMENT	EDR Digital Archive
	MITCHELL JAMES E ATTORNEY	EDR Digital Archive
	UPPERVIEW DEVELOPMENTS INC	EDR Digital Archive
	NEUFELD SAUL	EDR Digital Archive
	GRAPHIX DIRECT	EDR Digital Archive
	ORANGE COUNTY REAL ESTATE	EDR Digital Archive
	CPS SIGNAGE MARKETING	EDR Digital Archive
	OFFICE SPACE CONNECTION	EDR Digital Archive
	HICOR FUNDING	EDR Digital Archive
MIDNITE EXPRESS	EDR Digital Archive	
2005	SCANVEC AMIABLE	EDR Digital Archive
	SOLID POI KLAV 1230AM	EDR Digital Archive
	A T CONTROLS	EDR Digital Archive
	HICOR FUNDING	EDR Digital Archive
	JF RACING	EDR Digital Archive
	HERBERT ADVERTISING INC	EDR Digital Archive
	UPPERVIEW DEVELOPMENTS INC	EDR Digital Archive
	MITCHELL JAMES E ATTORNEY	EDR Digital Archive
	MITCHELL CAPITAL MANAGEMENT	EDR Digital Archive
	MITCHELL PARTNERS LTD	EDR Digital Archive
	PETER KUYKENDALL INC	EDR Digital Archive
	PRESENTATION SYSTEMS INC	EDR Digital Archive
	AIRPORT GRAPHICS INC	EDR Digital Archive
	MC DANIEL BUILDERS INC	EDR Digital Archive
	OKI SHIKA USA LTD	EDR Digital Archive
	SIGNS BY CHRISTY	EDR Digital Archive
	CURTIS & ASSOCIATES	EDR Digital Archive
APPEL BUSINESS MACHINES INC	EDR Digital Archive	
PLAZA BUILDERS INC	EDR Digital Archive	
BATIDA INC	EDR Digital Archive	

FINDINGS

AIRWAY AVE

3188 AIRWAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Smart Audio Products Inc	Pacific Bell

AIRWW OY AVE

3183 AIRWW OY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Your Own Special Plac	Pacific Telephone
	Your Personal Assistants	Pacific Telephone

E PAULARINO AVE

350 E PAULARINO AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Rays Apparel	Pacific Bell

361 E PAULARINO AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	South Coast Helicopters	Pacific Bell
	Iler Gordon Jr	Pacific Bell
	Continental Avionics Inc	Pacific Bell
	Broders Lanny	Pacific Bell
	Baldwin Flight Department	Pacific Bell
	Spring Mountain Enterprises	Pacific Bell

390 E PAULARINO AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Aircraft Service International Inc	Pacific Bell

MC COMILCK AVE

200 MC COMILCK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	National Education Credit Corporation	Pacific Telephone

FINDINGS

MCCORMICK

350 MCCORMICK

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	3 R Custom Coachwork	Pacific Bell

MCCORMICK AVE

325 MCCORMICK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company

McCormick Ave

333 McCormick Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FALKOR PARTNERS LLC	EDR Digital Archive
	SEMICOA CORPORATION	EDR Digital Archive
2010	SEMICOA CORPORATION	EDR Digital Archive
	LUMINOUS INTENT INC	EDR Digital Archive
	ESTEPHNY BIE	EDR Digital Archive
2005	JGSM PARTNERS LLC	EDR Digital Archive
	LUMINOUS INTENT INC	EDR Digital Archive

MCCORMICK AVE

333 MCCORMICK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SEMIC	Haines Company
1995	Semicoa	Pacific Bell
1991	Semicoa	Pacific Bell
1986	Semicoa	Pacific Bell
1980	Semlcoa	Pacific Telephone
1975	Semicoa	Luskey Brothers & Co., Inc.

345 MCCORMICK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company
1986	Market Standards Inc	Pacific Bell
	Pro Water Systems Inc	Pacific Bell
1975	Hoffman Fabrics	Luskey Brothers & Co., Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HOFFMAN CALIF FABRICS	Luskey Brothers & Co., Inc.

McCormick Ave

350 McCormick Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NEW VENTURE MOTORS LLC	EDR Digital Archive
	CAMINO REAL ENTERPRISES INC	EDR Digital Archive
	NEWPORT BEACH FERRARI/MASERATI	EDR Digital Archive
2010	RT GROUP HOLDINGS USA INC	EDR Digital Archive
	MERCEDES BRUCE STRUSS AUTOCARE	EDR Digital Archive
	OC SCOOTERS INC	EDR Digital Archive
2005	AMERICAN FINANCIAL SOLUTIONS I	EDR Digital Archive
	STRAUSS BRUCE AUTOCARE INC	EDR Digital Archive
	BELLE AUTO BODY WERKS INC	EDR Digital Archive

MCCORMICK AVE

350 MCCORMICK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	STRAUSS AUTOCRE e 3 RCUSTOM	Haines Company
	AUTOCARE INC MERCEDESBRUCE	Haines Company
	AUTOBODYWERKS BRUCESTRAUSS	Haines Company
	SOLUTIONS INC BELL STRAUSS	Haines Company
	AMER FINANCIAL	Haines Company
	COACHWORK	Haines Company
1995	Strauss Bruce Autocare Inc	Pacific Bell
1991	Straman R Company	Pacific Bell
1986	Avnet Electronics Inc	Pacific Bell
1980	Avnet Electronic Inc	Pacific Telephone
	I Sales	Pacific Telephone
	I Customeir Serice	Pacific Telephone
1975	TOWNE ADVERTISERS MAILING SERVICE INC	Luskey Brothers & Co., Inc.
	Avco Systems Division	Luskey Brothers & Co., Inc.
	AVCO THRIFT	Luskey Brothers & Co., Inc.

FINDINGS

McCormick Ave

365 McCormick Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	STREET SCENE MANUFACTURING INC	EDR Digital Archive
2010	STREET SCENE MANUFACTURING INC	EDR Digital Archive
2005	STREET SCENE MANUFACTURING	EDR Digital Archive

MCCORMICK AVE

365 MCCORMICK AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company
1975	Fainbarg Allan Properties S & A Properties	Luskey Brothers & Co., Inc. Luskey Brothers & Co., Inc.

Paularino Ave

350 Paularino Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WESTAR NUTRITION CORP	EDR Digital Archive
2005	BISTRO	EDR Digital Archive
	ONE DISTRIBUTION CO INC	EDR Digital Archive
	JACK AND SPIKE	EDR Digital Archive
	SCUSA	EDR Digital Archive

PAULARINO AVE

350 PAULARINO AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Augustine Roger	Pacific Telephone

Paularino Ave

361 Paularino Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	REGENCY AIR LLC	EDR Digital Archive
	WAVE EQUITY PARTNERS LLC	EDR Digital Archive
2010	WAVE EQUITY PARTNERS LLC	EDR Digital Archive
	KJ AIR	EDR Digital Archive
	COSTA MESA AERO BUREAU	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	REGENCY AIR LLC	EDR Digital Archive
2005	COSTA MESA AERO BUREAU	EDR Digital Archive
	ORANGE COUNTY/SUNBIRD LTD	EDR Digital Archive

366 Paularino Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ORANGE COUNTY FIRE AUTHORITY	EDR Digital Archive
2010	ORANGE COUNTY FIRE AUTHORITY	EDR Digital Archive

370 Paularino Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FEDERAL AVIATION ADM	EDR Digital Archive
	FEDERAL AVIATION ADM	EDR Digital Archive
2010	FEDERAL AVIATION ADM	EDR Digital Archive
	FEDERAL AVIATION ADM	EDR Digital Archive
2005	FEDERAL AVIATION ADM	EDR Digital Archive
	FEDERAL AVIATION ADM	EDR Digital Archive

PAULARINO AVE E

330 PAULARINO AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LEE George	Haines Company
	SPECIALTYBDY	Haines Company
	WORKS	Haines Company
1991	Bruce Strauss Autocare Inc	Pacific Bell
	Lee George	Pacific Bell
1986	Lee Geo & Associates Inc tanidrmsts	Pacific Bell
1975	LEE GEO & ASSOCIATES INC taxidrmsts	Luskey Brothers & Co., Inc.

345 PAULARINO AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Rijkschroeff Addy H	Pacific Telephone

350 PAULARINO AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	UHOH SPORTSWEAR	Haines Company
	RAYS APPAREL	Haines Company
	MUNSON Chsnline	Haines Company
1986	MUN S ON S PORTIN G GOODS CO IN C	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Munson Sporting Goods Co Inc	Pacific Telephone
1975	MUNSON SPORTING GOODS CO INC	Luskey Brothers & Co., Inc.

361 PAULARINO AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HELICOPTERS	Haines Company
	HELIMART	Haines Company
	SOUTHCOAST	Haines Company
1991	Los Angeles Aircraft Exchange	Pacific Bell
	L A Aircraft Exchange	Pacific Bell
	Continental Avionics Inc	Pacific Bell

390 PAULARINO AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	AIRCRAFTSERVINTL	Haines Company

RED HILL AVE

3170 RED HILL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GRACE FELLOWSHIP	Haines Company
1995	Oceanview Financial	Pacific Bell
	Mariners Christian School	Pacific Bell
	Grace Fellowship Church	Pacific Bell
1991	HALL& FOREMAN INC	Pacific Bell
1980	Product Development Center	Pacific Telephone
1975	Technology Marketing Inc	Luskey Brothers & Co., Inc.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

3175 Airway Avenue

Address Not Identified in Research Source

2014, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

200 MC COMILCK AVE

Address Not Identified in Research Source

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3152 AIRWAY AVE

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3153 AIRWAY AVE

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3160 AIRWAY AVE

2014, 2010, 2005, 2002, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3160 Airway Ave

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3168 Airway Ave

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3168 AIRWAY AVE

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3170 AIRWAY AVE

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3170 Airway Ave

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3170 RED HILL AVE

2014, 2010, 2005, 2001, 1997, 1992, 1986, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3176 Airway Ave

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched

Address Not Identified in Research Source

3186 AIRWAY AVE	2014, 2010, 2005, 2001, 1997, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3186 Airway Ave	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3187 Airway Ave	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3188 AIRWAY AVE	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
325 MCCORMICK AVE	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
330 PAULARINO AVE E	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
333 MCCORMICK AVE	2014, 2010, 2005, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
333 McCormick Ave	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
345 MCCORMICK AVE	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
345 PAULARINO AVE E	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 E PAULARINO AVE	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 MCCORMICK	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 McCormick Ave	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 MCCORMICK AVE	2014, 2010, 2005, 2001, 1997, 1992, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 PAULARINO AVE	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 Paularino Ave	2010, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
350 PAULARINO AVE E	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
361 E PAULARINO AVE	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched

361 Paularino Ave

361 PAULARINO AVE E

365 MCCORMICK AVE

365 McCormick Ave

366 Paularino Ave

370 Paularino Ave

390 E PAULARINO AVE

390 PAULARINO AVE E

Address Not Identified in Research Source

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

3175 Airway Avenue
3175 Airway Avenue
Costa Mesa, CA 92626

Inquiry Number: 5427551.2s
September 18, 2018

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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<u>SECTION</u>	<u>PAGE</u>
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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	1
Federal CERCLIS NFRAP site list	0.5	0	0	1
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	2
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	1	8
State and tribal registered storage tank lists	0.25	0	0	1
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	0.25	0	0	4
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	1
Other Ascertainable Records	1.0	0	0	6

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	1	0
Exclusive Recovered Govt. Archives	not searched	-	-	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	1	0
Exclusive Recovered Govt. Archives	not searched	-	-	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

3175 AIRWAY AVENUE
3175 AIRWAY AVENUE
COSTA MESA, CA 92626

COORDINATES

Latitude (North):	33.679849 - 33° 40' 47.451782"
Longitude (West):	117.871283 - 117° 52' 16.624146"
Elevation:	47 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT/FIRE STATION LUST: LUST	366 PAULARINO RD	<1/10 S	▲ D2	10
JOHN WAYNE AIRPORT WEST AIRFIE SWEEPS UST: SWEEPS UST CIWQS: CIWQS ENF: ENF CA FID UST: CA FID UST WDS: WDS HAZNET: HAZNET CPS-SLIC: CPS-SLIC Cortese: CORTESE Orange Co. Industrial Site: Orange Co. Industrial Site	3151 AIRWAY AVE	1/10 - 1/3 SW	▲ H3	13
MSI DATA CORP RCRA-SQG: RCRA-SQG SEMS-ARCHIVE: SEMS-ARCHIVE	335 BAKER AVE	1/10 - 1/3 SW	▲ H5	22
SANTA ANA TOWER FAA/AFSFO-8525 UST: UST SWEEPS UST: SWEEPS UST CPS-SLIC: CPS-SLIC HIST UST: HIST UST	18990 IKE JONES RD	1/10 - 1/3 SSW	▲ K6	27
SANTA ANA TOWER FAA/AFSFO-8525 LUST: LUST CA FID UST: CA FID UST HIST CORTESE: HIST CORTESE	18990 IKE JONES RD	1/10 - 1/3 SSW	▲ K7	29
ORANGE COUNTY FIRE STATION #33 LUST: LUST	18992 IKE JONES RD	1/10 - 1/3 SSW	▲ K8	29
ORANGE COUNTY FIRE STATION #33 CPS-SLIC: CPS-SLIC	18992 IKE JONES RD	1/10 - 1/3 SSW	▲ K9	30
WESTERN DIGITAL CORPORATION ECHO: ECHO FINDS: FINDS RCRA-SQG: RCRA-SQG SEMS: SEMS HIST UST: HIST UST	3128 REDHILL AVE	1/10 - 1/3 WSW	▲ L10	30
WESTERN DIGITAL CORP EMI: EMI LUST: LUST HIST CORTESE: HIST CORTESE HAZNET: HAZNET	3128 RED HILL AV	1/10 - 1/3 WSW	▲ L11	35
WESTERN DIGITAL CORP LUST: LUST	3128 RED HILL AVE	1/10 - 1/3 WSW	▲ L12	39

EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
THE ABBEY SCHERER COMPANY LUST: LUST HIST CORTESE: HIST CORTESE	3130 AIRWAY	1/10 - 1/3 SSW	▲ 13	39

ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
JOHN WAYNE AIRPORT WEST AIRFIE SWEEPS UST: SWEEPS UST CIWQS: CIWQS ENF: ENF CA FID UST: CA FID UST WDS: WDS HAZNET: HAZNET CPS-SLIC: CPS-SLIC Cortese: CORTESE Orange Co. Industrial Site: Orange Co. Industrial Site	3151 AIRWAY AVE	1/10 - 1/3 SW	▲ H3	13

ORANGE COUNTY FIRE STATIO HIST CORTESE: HIST CORTESE	18992	1/10 - 1/3 SW	▲ H4	22
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SANTA ANA TOWER FAA/AFSFO-8525 UST: UST SWEEPS UST: SWEEPS UST CPS-SLIC: CPS-SLIC HIST UST: HIST UST	18990 IKE JONES RD	1/10 - 1/3 SSW	▲ K6	27
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SANTA ANA TOWER FAA/AFSFO-8525 LUST: LUST CA FID UST: CA FID UST HIST CORTESE: HIST CORTESE	18990 IKE JONES RD	1/10 - 1/3 SSW	▲ K7	29
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WESTERN DIGITAL CORPORATION ECHO: ECHO FINDS: FINDS RCRA-SQG: RCRA-SQG SEMS: SEMS HIST UST: HIST UST	3128 REDHILL AVE	1/10 - 1/3 WSW	▲ L10	30
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WESTERN DIGITAL CORP EMI: EMI LUST: LUST HIST CORTESE: HIST CORTESE HAZNET: HAZNET	3128 RED HILL AV	1/10 - 1/3 WSW	▲ L11	35
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THE ABBEY SCHERER COMPANY LUST: LUST HIST CORTESE: HIST CORTESE	3130 AIRWAY	1/10 - 1/3 SSW	▲ 13	39
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EDR HIGH RISK HISTORICAL RECORDS

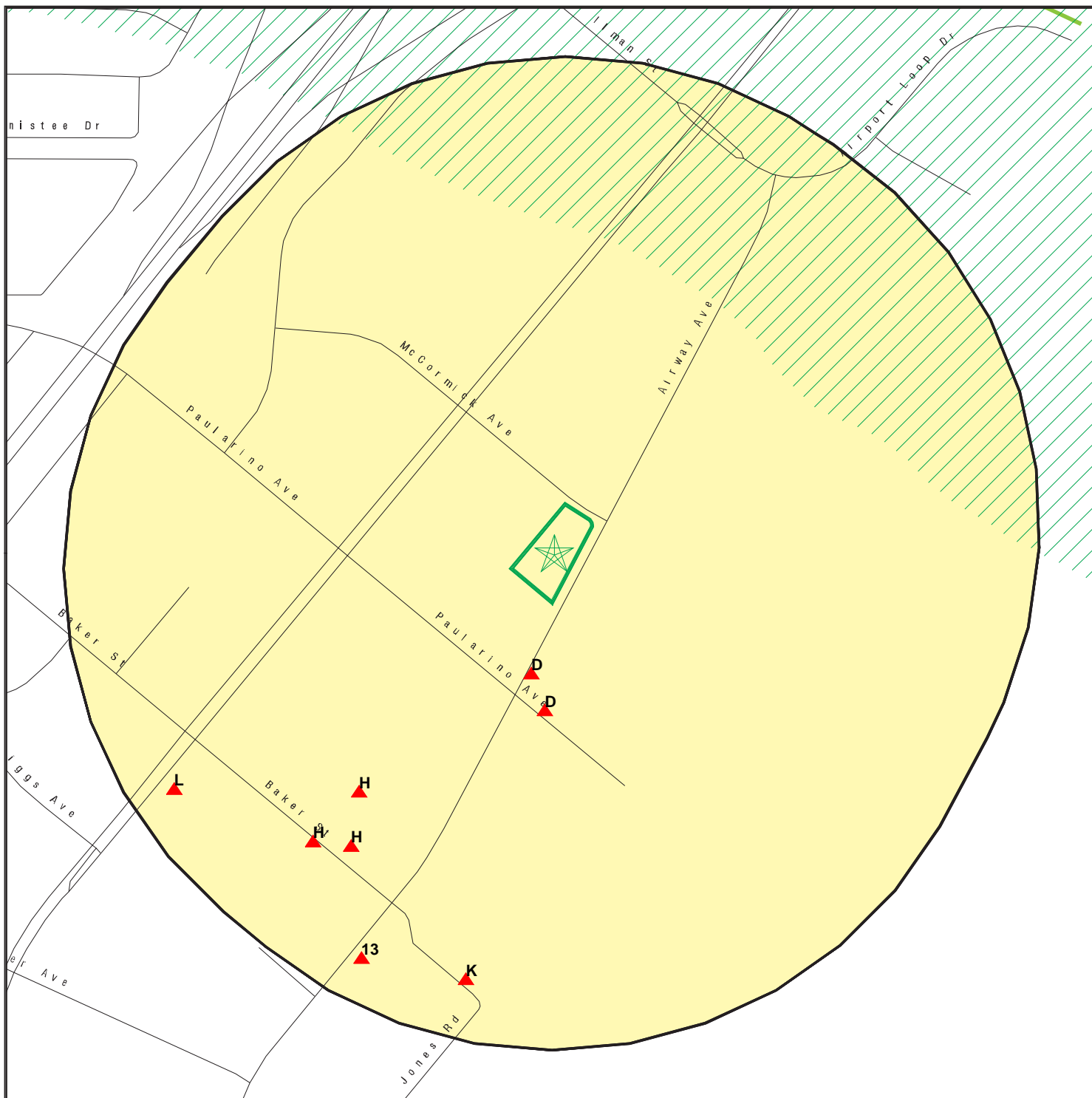
<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
DOUGLAS OIL COMPANY OF CAL* EDR Hist Auto: EDR Hist Auto	3160 AIRWAY AVE	<1/10 S	▲ D1	10







EXECUTIVE SUMMARY








EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

PRIMARY MAP - 5427551.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  0 300 1/3 Miles
-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

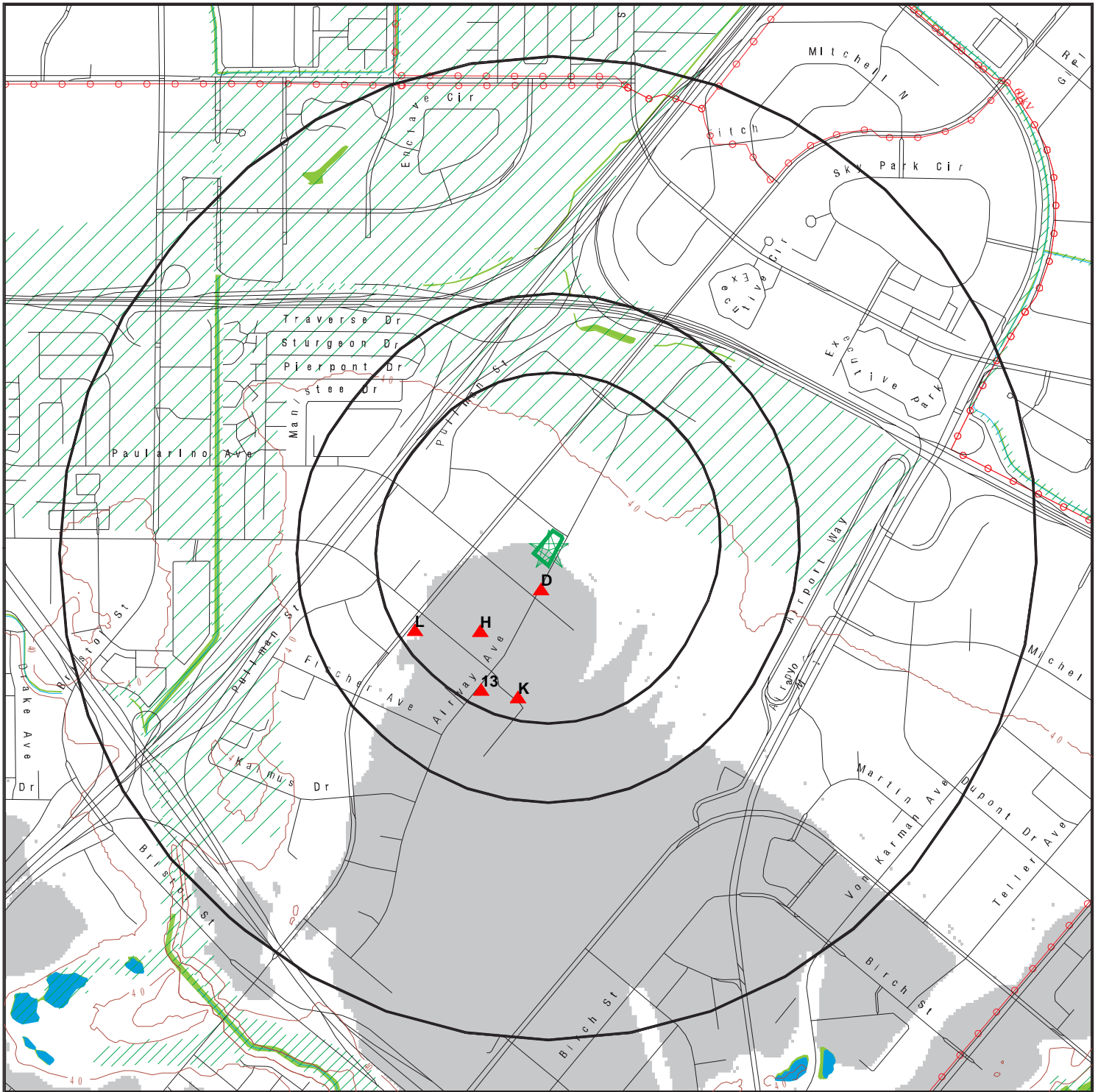


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 3175 Airway Avenue
 ADDRESS: 3175 Airway Avenue
 Costa Mesa CA 92626
 LAT/LONG: 33.679849 / 117.871283

CLIENT: AES Due Diligence, Inc
 CONTACT: Rick Darwicki
 INQUIRY #: 5427551.2s
 DATE: September 18, 2018 1:13 pm

SECONDARY MAP - 5427551.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

0 1/3 1/2 1 Miles

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

SITE NAME: 3175 Airway Avenue
 ADDRESS: 3175 Airway Avenue
 Costa Mesa CA 92626
 LAT/LONG: 33.679849 / 117.871283

CLIENT: AES Due Diligence, Inc
 CONTACT: Rick Darwicki
 INQUIRY #: 5427551.2s
 DATE: September 18, 2018 1:11 pm

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
◆ MAP ID#	Direction Distance Range (Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation Feet Above Sea Level	
Worksheet:		
Comments: Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

DOUGLAS OIL COMPANY OF CAL* 3160 AIRWAY AVE, COSTA MESA, CA, 92626		1020536238
▲ D1	S <1/10 (298 ft. / 0.056 mi.)	EDR Exclusive Records
	3 ft. Higher Elevation 50 ft. Above Sea Level	

Worksheet:

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
1975:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining
1976:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining
1977:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining
1978:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining
1979:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining
1980:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining
1982:	DOUGLAS OIL COMPANY OF CAL* / Petroleum Refining

JOHN WAYNE AIRPORT/FIRE STATION 366 PAULARINO RD, SANTA ANA, CA, 92707		S106387332
▲ D2	S <1/10 (431 ft. / 0.082 mi.)	State and tribal leaking storage tank lists
	4 ft. Higher Elevation 51 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

LUST: State and tribal leaking storage tank lists

Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901723

MAP FINDINGS

JOHN WAYNE AIRPORT/FIRE STATION, 366 PAULARINO RD, SANTA ANA, CA 92707 (Continued)

Global Id: T0605901723
 Latitude: 33.6771220582174
 Longitude: -117.870104312897
 Status: Completed - Case Closed
 Status Date: 03/22/2010
 Case Worker: RS
 RB Case Number: 083002411T
 Local Agency: Not Reported
 File Location: Not Reported
 Local Case Number: 93UT093
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline
 Site History: Not Reported

LUST:

Global Id: T0605901723
 Contact Type: Regional Board Caseworker
 Contact Name: ROSE SCOTT
 Organization Name: SANTA ANA RWQCB (REGION 8)
 Address: 3737 MAIN STREET, SUITE 500
 City: RIVERSIDE
 Email: rose.scott@waterboards.ca.gov
 Phone Number: 9513206375

LUST:

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 05/12/2008
 Action: Verbal Enforcement

Global Id: T0605901723
 Action Type: RESPONSE
 Date: 09/30/2005
 Action: Monitoring Report - Quarterly

Global Id: T0605901723
 Action Type: RESPONSE
 Date: 05/30/2004
 Action: Soil and Water Investigation Report

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 08/01/2003
 Action: Staff Letter

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 01/10/2003
 Action: Staff Letter

Global Id: T0605901723
 Action Type: RESPONSE

MAP FINDINGS

JOHN WAYNE AIRPORT/FIRE STATION, 366 PAULARINO RD, SANTA ANA, CA 92707 (Continued)

Date: 05/30/2004
 Action: Soil and Water Investigation Workplan

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 03/16/2010
 Action: Closure/No Further Action Letter

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 10/07/2005
 Action: * No Action

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 08/21/2002
 Action: * Verbal Communication

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 05/12/2008
 Action: Site Visit / Inspection / Sampling

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 04/10/2003
 Action: Staff Letter

Global Id: T0605901723
 Action Type: RESPONSE
 Date: 07/17/2003
 Action: Soil and Water Investigation Report

Global Id: T0605901723
 Action Type: Other
 Date: 01/06/1994
 Action: Leak Reported

Global Id: T0605901723
 Action Type: RESPONSE
 Date: 03/14/2003
 Action: Soil and Water Investigation Workplan

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 03/03/2010
 Action: Technical Correspondence / Assistance / Other

Global Id: T0605901723
 Action Type: ENFORCEMENT
 Date: 02/03/2009
 Action: File review

Global Id: T0605901723
 Action Type: ENFORCEMENT

MAP FINDINGS

JOHN WAYNE AIRPORT/FIRE STATION, 366 PAULARINO RD, SANTA ANA, CA 92707 (Continued)

Date: 07/28/2009
 Action: Staff Letter
 Global Id: T0605901723
 Action Type: RESPONSE
 Date: 10/30/2002
 Action: Other Workplan
 Global Id: T0605901723
 Action Type: RESPONSE
 Date: 02/28/2003
 Action: Other Report / Document

LUST:

Global Id: T0605901723
 Status: Open - Case Begin Date
 Status Date: 01/06/1994
 Global Id: T0605901723
 Status: Completed - Case Closed
 Status Date: 03/08/1994
 Global Id: T0605901723
 Status: Open - Reopen Case
 Status Date: 08/20/2002
 Global Id: T0605901723
 Status: Open - Site Assessment
 Status Date: 08/21/2002
 Global Id: T0605901723
 Status: Open - Site Assessment
 Status Date: 09/30/2002
 Global Id: T0605901723
 Status: Open - Site Assessment
 Status Date: 01/02/2003
 Global Id: T0605901723
 Status: Open - Site Assessment
 Status Date: 05/17/2004
 Global Id: T0605901723
 Status: Open - Verification Monitoring
 Status Date: 09/30/2005
 Global Id: T0605901723
 Status: Completed - Case Closed
 Status Date: 03/22/2010

JOHN WAYNE AIRPORT WEST AIRFIE
 3151 AIRWAY AVE, COSTA MESA, CA, 92627

S101631297

MAP FINDINGS

▲ H3	SW 1/10 - 1/3	(1063 ft. / 0.201 mi.)	State and tribal leaking storage tank lists Local Lists of Registered Storage Tanks Records of Emergency Release Reports Other Ascertainable Records
	3 ft. Higher Elevation	50 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

CPS-SLIC: State and tribal leaking storage tank lists

Region: STATE

Facility Status: **Open - Site Assessment**

Status Date: 02/03/2009

Global Id: SL208013856

Lead Agency: SANTA ANA RWQCB (REGION 8)

Lead Agency Case Number: Not Reported

Latitude: 33.6664788951059

Longitude: -117.872722148895

Case Type: Cleanup Program Site

Case Worker: RS

Local Agency: Not Reported

RB Case Number: SL208013856

File Location: Regional Board Warehouse

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Potential Contaminants of Concern: Trichloroethylene (TCE), Aviation, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating

Site History: Large petrochemical storage for fueling airplanes and vehicles at the facility. Several releases and discharges.

Click here to access the California GeoTracker records for this facility: http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_SLIC_ST&global_id=SL208013856

SWEEPS UST: Local Lists of Registered Storage Tanks

Status: Active

Comp Number: 9158

Number: 9

Board Of Equalization: Not Reported

Referral Date: 09-30-92

Action Date: 09-15-92

Created Date: 02-29-88

Owner Tank Id: Not Reported

SWRCB Tank Id: 30-000-009158-000001

Tank Status: A

Capacity: 1000

Active Date: Not Reported

Tank Use: M.V. FUEL

STG: P

Content: DIESEL

Number Of Tanks: 2

Status: Active

Comp Number: 9158

Number: 9

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Board Of Equalization: Not Reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not Reported
SWRCB Tank Id: 30-000-009158-000002
Tank Status: A
Capacity: 1000
Active Date: Not Reported
Tank Use: PETROLEUM
STG: P
Content: Not Reported
Number Of Tanks: 2

CA FID UST: Local Lists of Registered Storage Tanks

Facility ID: 30017621
Regulated By: UTNKA
Regulated ID: Not Reported
Cortese Code: Not Reported
SIC Code: Not Reported
Facility Phone: Not Reported
Mail To: Not Reported
Mailing Address: 3151 AIRWAY BLDG M3 ATTN:
Mailing Address 2: Not Reported
Mailing City,St,Zip: COSTA MESA 92627
Contact: Not Reported
Contact Phone: Not Reported
DUNs Number: Not Reported
NPDES Number: Not Reported
EPA ID: Not Reported
Comments: Not Reported
Status: Active

Orange Co. Industrial Site: Records of Emergency Release Reports

Case ID: 89IC049
Record ID: RO0000226
Current Status: CLOSED 3/16/1990
Closure Type: Closed pre 1994, file review required to determine closure type
Released Chemical: TRICHLOROETHYLENE

CORTESE: Other Ascertainable Records

Region: CORTESE
Envirostor Id: Not Reported
Site/Facility Type: Not Reported
Cleanup Status: Not Reported
Status Date: Not Reported
Site Code: Not Reported
Latitude: Not Reported

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Longitude:	Not Reported
Owner:	Not Reported
Enf Type:	Not Reported
Swat R:	Not Reported
Flag:	CORTESE
Order No:	Not Reported
Waste Discharge System No:	Not Reported
Effective Date:	Not Reported
Region 2:	8
WID Id:	8 302562N01
Solid Waste Id No:	Not Reported
Waste Management Uit Name:	Not Reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF: Other Ascertainable Records

Region:	8
Facility Id:	233949
Agency Name:	John Wayne Airport
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Other
# Of Agencies:	1
Place Latitude:	Not Reported
Place Longitude:	Not Reported
SIC Code 1:	4581
SIC Desc 1:	Airports, Flying Fields, and Airport Terminal Services
SIC Code 2:	Not Reported
SIC Desc 2:	Not Reported
SIC Code 3:	Not Reported
SIC Desc 3:	Not Reported
NAICS Code 1:	Not Reported
NAICS Desc 1:	Not Reported
NAICS Code 2:	Not Reported
NAICS Desc 2:	Not Reported
NAICS Code 3:	Not Reported
NAICS Desc 3:	Not Reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not Reported
Threat To Water Quality:	Not Reported
Complexity:	Not Reported
Pretreatment:	Not Reported
Facility Waste Type:	Not Reported
Facility Waste Type 2:	Not Reported
Facility Waste Type 3:	Not Reported
Facility Waste Type 4:	Not Reported
Program:	UNREGS
Program Category1:	UNREGS

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Program Category2:	Not Reported
# Of Programs:	1
WDID:	8 302562N01
Reg Measure Id:	158760
Reg Measure Type:	Unregulated
Region:	8
Order #:	Not Reported
Npdes# CA#:	Not Reported
Major-Minor:	Not Reported
Npdes Type:	Not Reported
Reclamation:	Not Reported
Dredge Fill Fee:	Not Reported
301H:	Not Reported
Application Fee Amt Received:	Not Reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not Reported
Expiration/Review Date:	Not Reported
Termination Date:	Not Reported
WDR Review - Amend:	Not Reported
WDR Review - Revise/Renew:	Not Reported
WDR Review - Rescind:	Not Reported
WDR Review - No Action Required:	Not Reported
WDR Review - Pending:	Not Reported
WDR Review - Planned:	Not Reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not Reported
Direction/Voice:	Passive
Enforcement Id(EID):	225060
Region:	8
Order / Resolution Number:	88-123
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/09/1988
Adoption/Issuance Date:	Not Reported
Achieve Date:	Not Reported
Termination Date:	Not Reported
ACL Issuance Date:	Not Reported
EPL Issuance Date:	Not Reported
Status:	Active
Title:	CAO 88-123 for John Wayne Airport
Description:	GROUND WATER CLEAN UP
Program:	UNREGS
Latest Milestone Completion Date:	Not Reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	259061
Agency Name:	John Wayne Airport
Place Type:	Facility
Place Subtype:	Not Reported
Facility Type:	Industrial
Agency Type:	Other
# Of Agencies:	1
Place Latitude:	Not Reported
Place Longitude:	Not Reported
SIC Code 1:	4581
SIC Desc 1:	Airports, Flying Fields, and Airport Terminal Services
SIC Code 2:	Not Reported
SIC Desc 2:	Not Reported
SIC Code 3:	Not Reported
SIC Desc 3:	Not Reported
NAICS Code 1:	Not Reported
NAICS Desc 1:	Not Reported
NAICS Code 2:	Not Reported
NAICS Desc 2:	Not Reported
NAICS Code 3:	Not Reported
NAICS Desc 3:	Not Reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	1
Threat To Water Quality:	2
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Stormwater runoff
Facility Waste Type 2:	Not Reported
Facility Waste Type 3:	Not Reported
Facility Waste Type 4:	Not Reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	Not Reported
# Of Programs:	1
WDID:	8 302654001
Reg Measure Id:	205955
Reg Measure Type:	Enrollee
Region:	8
Order #:	90-067
Npdes# CA#:	Not Reported
Major-Minor:	Not Reported
Npdes Type:	Not Reported
Reclamation:	N - No
Dredge Fill Fee:	Not Reported
301H:	Not Reported

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Application Fee Amt Received: Not Reported
 Status: Historical
 Status Date: 06/08/1990
 Effective Date: 06/08/1990
 Expiration/Review Date: Not Reported
 Termination Date: 07/01/2008
 WDR Review - Amend: Not Reported
 WDR Review - Revise/Renew: Not Reported
 WDR Review - Rescind: Not Reported
 WDR Review - No Action Required: Not Reported
 WDR Review - Pending: Not Reported
 WDR Review - Planned: Not Reported
 Status Enrollee: Y
 Individual/General: I
 Fee Code: Not Reported
 Direction/Voice: Passive
 Enforcement Id(EID): 222981
 Region: 8
 Order / Resolution Number: 96-078
 Enforcement Action Type: Admin Civil Liability
 Effective Date: 09/06/1996
 Adoption/Issuance Date: Not Reported
 Achieve Date: 1996-11-15
 Termination Date: Not Reported
 ACL Issuance Date: Not Reported
 EPL Issuance Date: Not Reported
 Status: Historical
 Title: Enforcement - 8 302654001
 Description: 13385 - FAILURE TO SUBMIT NPDES RENEWAL APPLICATION.
 SUSPENSION OF \$1000 CONTINGENT UPON SUBMISSION OF THE
 APPLICATION WITHIN 30 DAYS.
 Program: NPDNONMUNIPRCS
 Latest Milestone Completion Date: 1996-11-15
 # Of Programs1: 1
 Total Assessment Amount: 4000
 Initial Assessed Amount: 0
 Liability \$ Amount: 4000
 Project \$ Amount: 0
 Liability \$ Paid: 4000
 Project \$ Completed: 0
 Total \$ Paid/Completed Amount: 4000

HAZNET: Other Ascertainable Records

envid: S101631297
 Year: 2016
 GEPAID: CAC002853895
 Contact: RAYMOND HIEMSTRA
 Telephone: 7148501965
 Mailing Name: Not Reported

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Mailing Address: 3151 AIRWAY AVE STE F110
Mailing City,St,Zip: COSTA MESA, CA 926264621
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0075
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101631297
Year: 2016
GEPaid: CAC002853895
Contact: RAYMOND HIEMSTRA
Telephone: 7148501965
Mailing Name: Not Reported
Mailing Address: 3151 AIRWAY AVE STE F110
Mailing City,St,Zip: COSTA MESA, CA 926264621
Gen County: Orange
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0025
Cat Decode: Off-specification, aged or surplus inorganics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101631297
Year: 2016
GEPaid: CAC002853895
Contact: RAYMOND HIEMSTRA
Telephone: 7148501965
Mailing Name: Not Reported
Mailing Address: 3151 AIRWAY AVE STE F110
Mailing City,St,Zip: COSTA MESA, CA 926264621
Gen County: Orange
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0025
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

WDS: Other Ascertainable Records

Facility ID: Santa Ana River 30I005741

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 8

Facility Telephone: 9492525269

Facility Contact: CHRIS CALIENDO

Agency Name: ORANGE CO. DEPT. OF AIRPORTS

Agency Address: 3151 AIRWAY AVENUE

Agency City,St,Zip: COSTA MESA 92626

Agency Contact: ALAN L. MURPHY

Agency Telephone: Not Reported

Agency Type: County

SIC Code: 0

SIC Code 2: Not Reported

Primary Waste Type: Not Reported

Primary Waste: Not Reported

Waste Type2: Not Reported

Waste2: Not Reported

Primary Waste Type: Not Reported

Secondary Waste: Not Reported

Secondary Waste Type: Not Reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not Reported

POTW: Not Reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS: Other Ascertainable Records

Agency: John Wayne Airport

Agency Address: 3160 Airway Avenue, Costa Mesa, CA 92626

Place/Project Type: Other

SIC/NAICS: 4581

Region: 8

Program: INDSTW, NPDNONMUNIPRCS

Regulatory Measure Status: Historical

Regulatory Measure Type: Enrollee

Order Number: 90-067

WDID: 8 302654001

NPDES Number: Not Reported

Adoption Date: Not Reported

Effective Date: 06/08/1990

Termination Date: 07/01/2008

MAP FINDINGS

JOHN WAYNE AIRPORT WEST AIRFIE, 3151 AIRWAY AVE, COSTA MESA, CA 92627 (Continued)

Expiration/Review Date: Not Reported
 Design Flow: 1
 Major/Minor: Minor
 Complexity: B
 TTWQ: 0
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: Not Reported
 Longitude: Not Reported

ORANGE COUNTY FIRE STATIO 18992, SANTA ANA, CA, 92707			S103065508
▲ H4	SW 1/10 - 1/3	(1247 ft. / 0.236 mi.)	Other Ascertainable Records
	4 ft. Higher Elevation	51 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

HIST CORTESE: Other Ascertainable Records

Region: CORTESE
 Facility County Code: 30
 Reg By: LTNKA
 Reg Id: 083000548T

MSI DATA CORP 335 BAKER AVE, COSTA MESA, CA, 92626			1015732745
▲ H5	SW 1/10 - 1/3	(1329 ft. / 0.252 mi.)	Federal CERCLIS NFRAP site list Federal RCRA generators list
	3 ft. Higher Elevation	50 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

SEMS Archive: Federal CERCLIS NFRAP site list

Site ID: 900312
 EPA ID: CAD053853644
 Cong District: 40
 FIPS Code: 6059
 FF: N
 NPL: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 9
 Site ID: 900312
 EPA ID: CAD053853644
 Site Name: MSI DATA CORP

MAP FINDINGS

MSI DATA CORP, 335 BAKER AVE, COSTA MESA, CA 92626 (Continued)

NPL: N
 FF: N
 OU: 0
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not Reported
 Finish Date: 1992-03-31 00:00:00
 Qual: Not Reported
 Current Action Lead: EPA Perf In-Hse

 Region: 9
 Site ID: 900312
 EPA ID: CAD053853644
 Site Name: MSI DATA CORP
 NPL: N
 FF: N
 OU: 0
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: Not Reported
 Finish Date: 1992-03-31 00:00:00
 Qual: N
 Current Action Lead: EPA Perf

 Region: 9
 Site ID: 900312
 EPA ID: CAD053853644
 Site Name: MSI DATA CORP
 NPL: N
 FF: N
 OU: 0
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1991-01-01 00:00:00
 Finish Date: 1991-01-01 00:00:00
 Qual: Not Reported
 Current Action Lead: EPA Perf

RCRA-SQG: Federal RCRA generators list

Date form received by agency: 03/11/2002
 Facility name: TOYOTA RACING DEVELOPMENT USA INC
 Facility address: 335 E BAKER ST
 COSTA MESA, CA 92626

 EPA ID: CAD053853644
 Mailing address: E BAKER ST
 COSTA MESA, CA 92626

MAP FINDINGS

MSI DATA CORP, 335 BAKER AVE, COSTA MESA, CA 92626 (Continued)

Contact: FRANK LOPEZ
 Contact address: Not Reported
 Contact country: US
 Contact telephone: 714-444-1188
 Contact email: Not Reported
 EPA Region: 09
 Land type: Private
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MSI DATA CORPORATION
 Owner/operator address: 340 FISCHER AVE
 CITY NOT REPORTED, CA 99999

 Owner/operator country: Not Reported
 Owner/operator telephone: 714-549-6000
 Owner/operator email: Not Reported
 Owner/operator fax: Not Reported
 Owner/operator extension: Not Reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not Reported
 Owner/Op end date: Not Reported

 Owner/operator name: TRD USA INC
 Owner/operator address: 335 E BAKER
 COSTA MESA, CA 92626

 Owner/operator country: Not Reported
 Owner/operator telephone: 714-444-1188
 Owner/operator email: Not Reported
 Owner/operator fax: Not Reported
 Owner/operator extension: Not Reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not Reported
 Owner/Op end date: Not Reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No

MAP FINDINGS

MSI DATA CORP, 335 BAKER AVE, COSTA MESA, CA 92626 (Continued)

Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 03/11/2002
 Site name: TOYOTA RACING DEVELOPMENT USA INC
 Classification: Large Quantity Generator

Date form received by agency: 04/03/1995
 Site name: TRD USA INC
 Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.50-60
 Area of violation: Generators - General
 Date violation determined: 03/22/1989
 Date achieved compliance: 08/21/1989
 Violation lead agency: State
 Enforcement action: Not Reported
 Enforcement action date: Not Reported
 Enf. disposition status: Not Reported
 Enf. disp. status date: Not Reported
 Enforcement lead agency: Not Reported
 Proposed penalty amount: Not Reported
 Final penalty amount: Not Reported
 Paid penalty amount: Not Reported

Regulation violated: FR - 264.110-120.G
 Area of violation: TSD - Closure/Post-Closure
 Date violation determined: 03/22/1989
 Date achieved compliance: 08/21/1989
 Violation lead agency: State
 Enforcement action: Not Reported
 Enforcement action date: Not Reported
 Enf. disposition status: Not Reported
 Enf. disp. status date: Not Reported
 Enforcement lead agency: Not Reported
 Proposed penalty amount: Not Reported
 Final penalty amount: Not Reported
 Paid penalty amount: Not Reported

Regulation violated: FR - 264.140-150.H
 Area of violation: TSD - Financial Requirements
 Date violation determined: 09/29/1987
 Date achieved compliance: 10/22/1987
 Violation lead agency: State

MAP FINDINGS

MSI DATA CORP, 335 BAKER AVE, COSTA MESA, CA 92626 (Continued)

Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 09/14/1987
 Enf. disposition status: Not Reported
 Enf. disp. status date: Not Reported
 Enforcement lead agency: State
 Proposed penalty amount: Not Reported
 Final penalty amount: Not Reported
 Paid penalty amount: Not Reported

Regulation violated: F - 262.50-60
 Area of violation: Generators - General
 Date violation determined: 04/28/1987
 Date achieved compliance: 03/22/1989
 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 06/05/1987
 Enf. disposition status: Not Reported
 Enf. disp. status date: Not Reported
 Enforcement lead agency: State
 Proposed penalty amount: Not Reported
 Final penalty amount: Not Reported
 Paid penalty amount: Not Reported

Regulation violated: F - 262.20-23.B
 Area of violation: Generators - General
 Date violation determined: 04/28/1987
 Date achieved compliance: 03/22/1989
 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 06/05/1987
 Enf. disposition status: Not Reported
 Enf. disp. status date: Not Reported
 Enforcement lead agency: State
 Proposed penalty amount: Not Reported
 Final penalty amount: Not Reported
 Paid penalty amount: Not Reported

Evaluation Action Summary:

Evaluation date: 04/07/2006
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not Reported
 Date achieved compliance: Not Reported
 Evaluation lead agency: Local

Evaluation date: 02/22/2005
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not Reported
 Date achieved compliance: Not Reported
 Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/22/1989

MAP FINDINGS

MSI DATA CORP, 335 BAKER AVE, COSTA MESA, CA 92626 (Continued)

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: TSD - Closure/Post-Closure
 Date achieved compliance: 08/21/1989
 Evaluation lead agency: State

Evaluation date: 03/22/1989
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 08/21/1989
 Evaluation lead agency: State

Evaluation date: 03/14/1989
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: Not Reported
 Date achieved compliance: Not Reported
 Evaluation lead agency: State

Evaluation date: 09/29/1987
 Evaluation: FINANCIAL RECORD REVIEW
 Area of violation: TSD - Financial Requirements
 Date achieved compliance: 10/22/1987
 Evaluation lead agency: State

Evaluation date: 04/28/1987
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Generators - General
 Date achieved compliance: 03/22/1989
 Evaluation lead agency: State

Evaluation date: 04/28/1987
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 03/22/1989
 Evaluation lead agency: State

SANTA ANA TOWER FAA/AFSFO-8525 18990 IKE JONES RD, SANTA ANA, CA, 92707		U001578334
▲ K6	SSW 1/10 - 1/3 (1526 ft. / 0.289 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	5 ft. Higher Elevation 52 ft. Above Sea Level	Local Lists of Registered Storage Tanks

Worksheet:

Impact on Target Property: VEC does not exist

CPS-SLIC: State and tribal leaking storage tank lists

Region: STATE
Facility Status: **Open - Site Assessment**
 Status Date: 01/01/2013
 Global Id: T0605900442
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Lead Agency Case Number: Not Reported
 Latitude: 33.6766203101665

MAP FINDINGS

SANTA ANA TOWER FAA/AFSFO-8525, 18990 IKE JONES RD, SANTA ANA, CA 92707 (Continued)

Longitude: -117.87058050744
Case Type: Cleanup Program Site
Case Worker: RS
Local Agency: Not Reported
RB Case Number: 083000556T
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Part of larger John Wayne Airport facility investigation.
Click here to access the California GeoTracker records for this facility: http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_SLIC_ST&global_id=T0605900442

UST: State and tribal registered storage tank lists

Facility ID: 6663
Permitting Agency: ORANGE COUNTY
Latitude: 33.67527
Longitude: -117.87268

SWEEPS UST: Local Lists of Registered Storage Tanks

Status: Active
Comp Number: 6663
Number: 9
Board Of Equalization: 44-016512
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not Reported
SWRCB Tank Id: 30-000-006663-000001
Tank Status: A
Capacity: 1000
Active Date: Not Reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

HIST UST: Local Lists of Registered Storage Tanks

File Number: 0002E8F9
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E8F9.pdf>
Region: STATE
Facility ID: 00000059017
Facility Type: Other
Other Type: STANDBY POWER
Contact Name: MATTHEW KING
Telephone: 6192935271
Owner Name: FEDERAL AVIATION ADMINISTRATIO
Owner Address: 8575 GIBBS DRIVE, SUITE 101
Owner City,St,Zip: SAN DIEGO, CA 92123
Total Tanks: 0001

MAP FINDINGS

SANTA ANA TOWER FAA/AFSFO-8525, 18990 IKE JONES RD, SANTA ANA, CA 92707 (Continued)

Tank Num: 001
 Container Num: 1
 Year Installed: Not Reported
 Tank Capacity: 00000515
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Container Construction Thickness: Not Reported
 Leak Detection: None

Click here for Geo Tracker PDF: http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_HISTUST_PDF&img_id=0002E8F9

SANTA ANA TOWER FAA/AFSFO-8525 18990 IKE JONES RD, SANTA ANA, CA, 92707		S101619826
▲ K7	SSW 1/10 - 1/3 (1526 ft. / 0.289 mi.)	State and tribal leaking storage tank lists Local Lists of Registered Storage Tanks Other Ascertainable Records
	5 ft. Higher Elevation 52 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

CA FID UST: Local Lists of Registered Storage Tanks

Facility ID: 30000644
 Regulated By: UTNKA
 Regulated ID: Not Reported
 Cortese Code: Not Reported
 SIC Code: Not Reported
 Facility Phone: 7145575696
 Mail To: Not Reported
 Mailing Address: MONTGOMERY FLD ATTN:
 Mailing Address 2: Not Reported
 Mailing City,St,Zip: SANTA ANA 92707
 Contact: Not Reported
 Contact Phone: Not Reported
 DUNs Number: Not Reported
 NPDES Number: Not Reported
 EPA ID: Not Reported
 Comments: Not Reported
 Status: Active

HIST CORTESE: Other Ascertainable Records

Region: CORTESE
 Facility County Code: 30
 Reg By: LTNKA
 Reg Id: 083000556T

ORANGE COUNTY FIRE STATION #33 18992 IKE JONES RD, SANTA ANA, CA, 92707	S101300014
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MAP FINDINGS

▲ K8	SSW 1/10 - 1/3	(1530 ft. / 0.29 mi.)	State and tribal leaking storage tank lists
	5 ft. Higher Elevation	52 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

ORANGE COUNTY FIRE STATION #33 18992 IKE JONES RD, SANTA ANA, CA, 92707			S118504609
▲ K9	SSW 1/10 - 1/3	(1530 ft. / 0.29 mi.)	State and tribal leaking storage tank lists
	5 ft. Higher Elevation	52 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

CPS-SLIC: State and tribal leaking storage tank lists

Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 07/11/2003
 Global Id: T0605900437
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Lead Agency Case Number: Not Reported
 Latitude: 33.677514901447
 Longitude: -117.87003993988
 Case Type: Cleanup Program Site
 Case Worker: RS
 Local Agency: Not Reported
 RB Case Number: 083000548T
 File Location: Regional Board
 Potential Media Affected: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Alcohols, Heating Oil / Fuel Oil, Gasoline
 Site History: Part of Larger John Wayne Airport Facility investigation. Fire retardant chemicals and ethanol of concern.

Click here to access the California GeoTracker records for this facility: http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_SLIC_ST&global_id=T0605900437

WESTERN DIGITAL CORPORATION 3128 REDHILL AVE, COSTA MESA, CA, 92626			1000403002
▲ L10	WSW 1/10 - 1/3	(1588 ft. / 0.301 mi.)	Federal CERCLIS list Federal RCRA generators list Local Lists of Registered Storage Tanks Other Ascertainable Records
	Equal Elevation	47 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

SEMS: Federal CERCLIS list

Site ID: 904275

MAP FINDINGS

WESTERN DIGITAL CORPORATION, 3128 REDHILL AVE, COSTA MESA, CA 92626 (Continued)

EPA ID: CAD051983567
 Cong District: 40
 FIPS Code: 6059
 Latitude: Not Reported
 Longitude: Not Reported
 FF: N
 NPL: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:

Region: 9
 Site ID: 904275
 EPA ID: CAD051983567
 Site Name: WESTERN DIGITAL CORPORATION
 NPL: N
 FF: N
 OU: 0
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1992-01-13 00:00:00
 Finish Date: 1/13/1992
 Qual: Not Reported
 Current Action Lead: EPA Perf

Region: 9
 Site ID: 904275
 EPA ID: CAD051983567
 Site Name: WESTERN DIGITAL CORPORATION
 NPL: N
 FF: N
 OU: 0
 Action Code: OO
 Action Name: SITE REASS
 SEQ: 1
 Start Date: 2013-07-01 00:00:00
 Finish Date: 10/1/2014
 Qual: N
 Current Action Lead: EPA Perf

Region: 9
 Site ID: 904275
 EPA ID: CAD051983567
 Site Name: WESTERN DIGITAL CORPORATION
 NPL: N
 FF: N
 OU: 0
 Action Code: SI
 Action Name: SI
 SEQ: 1
 Start Date: 1992-04-16 00:00:00

MAP FINDINGS

WESTERN DIGITAL CORPORATION, 3128 REDHILL AVE, COSTA MESA, CA 92626 (Continued)

Finish Date: 5/18/1993
 Qual: L
 Current Action Lead: EPA Perf
 Region: 9
 Site ID: 904275
 EPA ID: CAD051983567
 Site Name: WESTERN DIGITAL CORPORATION
 NPL: N
 FF: N
 OU: 0
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: 1992-06-15 00:00:00
 Finish Date: 6/15/1992
 Qual: Not Reported
 Current Action Lead: EPA Perf

RCRA-SQG: Federal RCRA generators list

Date form received by agency: 09/01/1996
 Facility name: WESTERN DIGITAL CORPORATION
 Facility address: 3128 REDHILL AVE
 COSTA MESA, CA 92626
 EPA ID: CAD051983567
 Mailing address: 3128 RED HILL AVE BOX 2180
 NEWPORT BEACH, CA 92663
 Contact: Not Reported
 Contact address: Not Reported
 Contact country: US
 Contact telephone: Not Reported
 Contact email: Not Reported
 EPA Region: 09
 Land type: Facility is not located on Indian land. Additional information is not known.
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

MAP FINDINGS

WESTERN DIGITAL CORPORATION, 3128 REDHILL AVE, COSTA MESA, CA 92626 (Continued)

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	09/01/1996
Site name:	WESTERN DIGITAL CORPORATION
Classification:	Small Quantity Generator
Date form received by agency:	02/28/1992
Site name:	WESTERN DIGITAL CORPORATION
Classification:	Large Quantity Generator
Date form received by agency:	08/18/1980
Site name:	WESTERN DIGITAL CORPORATION
Classification:	Large Quantity Generator
Violation Status:	No violations found

Evaluation Action Summary:

MAP FINDINGS

WESTERN DIGITAL CORPORATION, 3128 REDHILL AVE, COSTA MESA, CA 92626 (Continued)

Evaluation date: 05/28/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not Reported
Date achieved compliance: Not Reported
Evaluation lead agency: State

HIST UST: Local Lists of Registered Storage Tanks

File Number: Not Reported
URL: Not Reported
Region: STATE
Facility ID: 00000014495
Facility Type: Other
Other Type: SEMICONDUCTOR MFGR.
Contact Name: RICK ERNST FACILITIES MGR.
Telephone: 7148630102
Owner Name: WESTERN DIGITAL CORPORATION
Owner Address: 2445 MCCABE WAY
Owner City,St,Zip: IRVINE, CA 92714
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: 1970
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not Reported
Container Construction Thickness: Not Reported
Leak Detection: None

FINDS: Other Ascertainable Records

Registry ID: 110002144732

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

SUPERFUND (NON-NPL)

STATE MASTER

The FINDS: database contains 0 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid: 1000403002
Registry ID: 110002144732

MAP FINDINGS

WESTERN DIGITAL CORPORATION, 3128 REDHILL AVE, COSTA MESA, CA 92626 (Continued)

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002144732>

WESTERN DIGITAL CORP 3128 RED HILL AV, COSTA MESA, CA, 92676		S101299473
▲ L11	WSW 1/10 - 1/3 (1588 ft. / 0.301 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	Equal Elevation 47 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

LUST: State and tribal leaking storage tank lists

Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900354
Global Id: T0605900354
Latitude: 33.6776107
Longitude: -117.8761739
Status: Completed - Case Closed
Status Date: 04/25/2006
Case Worker: CAB
RB Case Number: 083000442T
Local Agency: ORANGE COUNTY
File Location: Not Reported
Local Case Number: 92UT023
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Acetone, Dichloroethane (DCA), Dichloroethene (DCE), Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Freon, Toluene, Xylene
Site History: Not Reported

LUST:

Global Id: T0605900354
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605900354
Contact Type: Local Agency Caseworker
Contact Name: LUIS LODRIGUEZA
Organization Name: ORANGE COUNTY
Address: 2009 E. EDINGER AVE.
City: SANTA ANA
Email: Not Reported
Phone Number: Not Reported

MAP FINDINGS

WESTERN DIGITAL CORP, 3128 RED HILL AV, COSTA MESA, CA 92676 (Continued)

LUST:

Global Id:	T0605900354
Action Type:	Other
Date:	04/22/1992
Action:	Leak Discovery
Global Id:	T0605900354
Action Type:	RESPONSE
Date:	02/14/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0605900354
Action Type:	RESPONSE
Date:	04/13/2006
Action:	Unknown
Global Id:	T0605900354
Action Type:	RESPONSE
Date:	04/16/2006
Action:	Other Report / Document
Global Id:	T0605900354
Action Type:	ENFORCEMENT
Date:	04/25/2006
Action:	Closure/No Further Action Letter
Global Id:	T0605900354
Action Type:	REMEDIATION
Date:	04/01/1992
Action:	Excavation
Global Id:	T0605900354
Action Type:	ENFORCEMENT
Date:	03/15/2006
Action:	Notification - Fee Title Owners Notice
Global Id:	T0605900354
Action Type:	ENFORCEMENT
Date:	03/28/2006
Action:	Staff Letter
Global Id:	T0605900354
Action Type:	Other
Date:	07/07/1986
Action:	Leak Reported
Global Id:	T0605900354
Action Type:	ENFORCEMENT
Date:	01/12/2006
Action:	Meeting

LUST:

Global Id:	T0605900354
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MAP FINDINGS

WESTERN DIGITAL CORP, 3128 RED HILL AV, COSTA MESA, CA 92676 (Continued)

Status:	Open - Case Begin Date
Status Date:	07/07/1986
Global Id:	T0605900354
Status:	Open - Site Assessment
Status Date:	04/01/1992
Global Id:	T0605900354
Status:	Open - Site Assessment
Status Date:	05/01/1992
Global Id:	T0605900354
Status:	Open - Verification Monitoring
Status Date:	05/21/1993
Global Id:	T0605900354
Status:	Completed - Case Closed
Status Date:	04/25/2006

EMI: Other Ascertainable Records

Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	16727
Air District Name:	SC
SIC Code:	3674
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET: Other Ascertainable Records

envid:	S101299473
Year:	2016
GEPAID:	CAL000407292
Contact:	TERI RUDDLE
Telephone:	7146195135
Mailing Name:	Not Reported
Mailing Address:	3128 RED HILL AVE
Mailing City,St,Zip:	COSTA MESA, CA 92626
Gen County:	Orange
TSD EPA ID:	NVD980895338

MAP FINDINGS

WESTERN DIGITAL CORP, 3128 RED HILL AV, COSTA MESA, CA 92676 (Continued)

TSD County: 99
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101299473
Year: 2016
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not Reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5087
Cat Decode: Laboratory waste chemicals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Orange

envid: S101299473
Year: 2016
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not Reported
Mailing Address: 3128 RED HILL AVE
Mailing City,St,Zip: COSTA MESA, CA 92626
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Laboratory waste chemicals
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.22935
Cat Decode: Laboratory waste chemicals
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Orange

envid: S101299473
Year: 2015
GEPaid: CAL000407292
Contact: TERI RUDDLE
Telephone: 7146195135
Mailing Name: Not Reported
Mailing Address: 3128 RED HILL AVE

MAP FINDINGS

WESTERN DIGITAL CORP, 3128 RED HILL AV, COSTA MESA, CA 92676 (Continued)

Mailing City,St,Zip: COSTA MESA, CA 92626
 Gen County: Orange
 TSD EPA ID: CAD008364432
 TSD County: Los Angeles
 Waste Category: Liquids with pH <= 2
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.15
 Cat Decode: Not Reported
 Method Decode: Not Reported
 Facility County: Orange

envid: S101299473
 Year: 2015
 GEPAID: CAL000407292
 Contact: TERI RUDDLE
 Telephone: 7146195135
 Mailing Name: Not Reported
 Mailing Address: 3128 RED HILL AVE
 Mailing City,St,Zip: COSTA MESA, CA 92626
 Gen County: Orange
 TSD EPA ID: NVD980895338
 TSD County: 99
 Waste Category: Off-specification, aged or surplus organics
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.5445
 Cat Decode: Not Reported
 Method Decode: Not Reported
 Facility County: Orange

The CA_HAZNET: database contains 4 additional records for this site. Please contact your EDR Account Executive for more information.

HIST CORTESE: Other Ascertainable Records

Region: CORTESE
 Facility County Code: 30
 Reg By: LTNKA
 Reg Id: 083000442T

WESTERN DIGITAL CORP 3128 RED HILL AVE, COSTA MESA, CA, 92626			S122221968
▲ L12	WSW 1/10 - 1/3	(1588 ft. / 0.301 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	47 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

THE ABBEY SCHERER COMPANY 3130 AIRWAY, COSTA MESA, CA, 92626		S101299417
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MAP FINDINGS

▲ 13	SSW 1/10 - 1/3	(1592 ft. / 0.302 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	4 ft. Higher Elevation	51 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

LUST: State and tribal leaking storage tank lists

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901220
Global Id: T0605901220
Latitude: 33.675135
Longitude: -117.873125
Status: Completed - Case Closed
Status Date: 05/30/1997
Case Worker: DB
RB Case Number: 083001610T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 90UT174
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not Reported

LUST:

Global Id: T0605901220
Contact Type: Local Agency Caseworker
Contact Name: DENAMARIE BAKER
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD, STE. 120
City: SANTA ANA
Email: dbaker@ochca.com
Phone Number: 7144336255

Global Id: T0605901220
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:

Global Id: T0605901220
Action Type: Other
Date: 07/06/1990
Action: Leak Reported
Global Id: T0605901220

MAP FINDINGS

THE ABBEY SCHERER COMPANY, 3130 AIRWAY, COSTA MESA, CA 92626 (Continued)

Action Type: Other
Date: 07/06/1990
Action: Leak Discovery

LUST:

Global Id: T0605901220
Status: Open - Case Begin Date
Status Date: 07/06/1990

Global Id: T0605901220
Status: Completed - Case Closed
Status Date: 05/30/1997

HIST CORTESE: Other Ascertainable Records

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001610T

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	07/17/2018	08/09/2018	09/07/2018
US	Proposed NPL	Proposed National Priority List Sites	EPA	07/17/2018	08/09/2018	09/07/2018
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	07/17/2018	08/09/2018	09/07/2018
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	03/01/2018	03/28/2018	06/22/2018
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/14/2018	05/18/2018	07/20/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/18/2018	06/27/2018	09/14/2018
<i>State and tribal - equivalent NPL</i>						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	07/30/2018	07/31/2018	09/07/2018
<i>State and tribal - equivalent CERCLIS</i>						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	07/30/2018	07/31/2018	09/07/2018
<i>State and tribal landfill / solid waste disposal</i>						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	08/08/2018	08/10/2018	08/24/2018
<i>State and tribal leaking storage tank lists</i>						
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/10/2018	05/18/2018	07/20/2018
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/12/2018	05/18/2018	07/20/2018
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	06/11/2018	06/13/2018	07/09/2018
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	06/11/2018	06/13/2018	07/10/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	03/28/2018	05/25/2018	07/10/2018
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/10/2018	05/18/2018	07/20/2018
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/12/2018	05/18/2018	07/20/2018
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal voluntary cleanup sites						
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	07/30/2018	07/31/2018	09/07/2018
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfields Sites Listing	State Water Resources Control Board	06/25/2018	06/27/2018	08/06/2018
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	03/31/2018	04/16/2018	06/29/2018
US	ROD	Records Of Decision	EPA	05/13/2018	05/30/2018	06/29/2018
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	05/13/2018	05/30/2018	06/29/2018
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	06/11/2018	06/13/2018	08/06/2018
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	04/19/2018	04/24/2018	05/04/2018
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	05/13/2018	05/30/2018	06/29/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/01/2018	03/27/2018	06/22/2018
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2018	06/20/2018	09/14/2018
US	Delisted NPL	National Priority List Deletions	EPA	07/17/2018	08/09/2018	09/07/2018
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/17/2018	08/09/2018	09/07/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2018	06/20/2018	09/14/2018
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/18/2018	06/20/2018	09/14/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/03/2018	05/31/2018	06/29/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	08/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/03/2018	04/05/2018	06/29/2018
US	FINDS	Facility Index System/Facility Registry System	EPA	02/21/2018	02/23/2018	03/23/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	05/01/2018	05/17/2018	09/07/2018
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2017	06/12/2018	08/06/2018
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	04/06/2018	04/24/2018	06/14/2018
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	06/25/2018	06/27/2018	08/06/2018
CA	CUPA SAN FRANCISCO CO	CUPA SAN FRANCISCO CO	San Francisco County Department of Environmen	04/20/2018	04/24/2018	05/04/2018
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	04/03/2018	05/07/2018	06/15/2018
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	06/04/2018	06/06/2018	07/17/2018
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	05/31/2018	06/20/2018	08/06/2018
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	06/25/2018	06/28/2018	08/06/2018
CA	DRYCLEAN SOUTH COAST	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District	03/16/2018	03/20/2018	05/04/2018
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2017	06/20/2018	08/06/2018
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	08/01/2018	08/02/2018	09/07/2018
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	07/17/2018	07/24/2018	09/10/2018
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	08/14/2018	08/16/2018	09/10/2018
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	05/29/2018	05/30/2018	07/17/2018
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2016	07/12/2017	10/17/2017
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	08/20/2018	08/21/2018	09/10/2018
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	07/09/2018	07/11/2018	08/24/2018
CA	ICE	ICE	Department of Toxic Substances Control	08/20/2018	08/21/2018	09/10/2018
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	06/11/2018	06/13/2018	07/17/2018
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	05/31/2018	06/05/2018	07/18/2018
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018
CA	MINES	Mines Site Location Listing	Department of Conservation	06/11/2018	06/13/2018	08/06/2018
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/23/2018	06/06/2018	07/18/2018
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	08/09/2018	08/10/2018	09/10/2018
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	06/04/2018	06/06/2018	07/19/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	PROC	Certified Processors Database	Department of Conservation	06/11/2018	06/13/2018	08/06/2018
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	06/18/2018	06/20/2018	08/06/2018
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	07/30/2018	07/31/2018	09/07/2018
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Department of Conservation	04/27/2018	06/13/2018	07/17/2018
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	05/08/2018	07/11/2018	09/13/2018
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2018	09/11/2018	09/14/2018
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	06/04/2018	06/06/2018	07/13/2018
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2018	09/05/2018	09/14/2018
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/21/2018	05/23/2018	09/07/2018
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	06/11/2018	06/13/2018	09/14/2018
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	06/11/2018	06/13/2018	07/18/2018
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	07/23/2018	07/25/2018	09/05/2018
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	07/23/2018	07/25/2018	09/05/2018
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	07/23/2018	07/25/2018	09/05/2018
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2017	06/19/2018	09/14/2018
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	01/04/2018	01/19/2018	04/13/2018
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

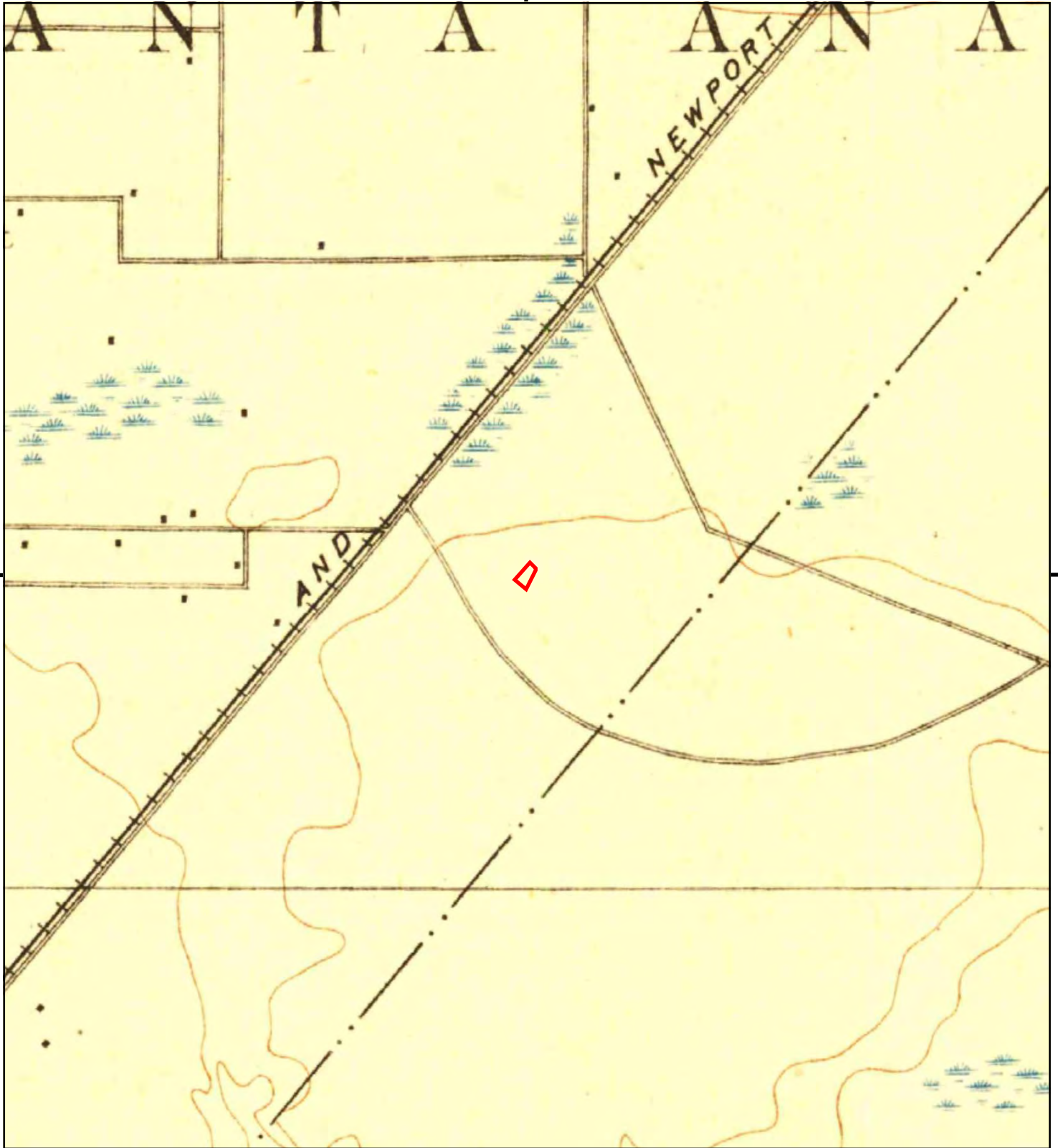
St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	08/03/2018	08/06/2018	09/05/2018
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	07/06/2018	07/10/2018	09/11/2018
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	07/01/2018	07/24/2018	08/20/2018
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	08/02/2018	08/06/2018	08/20/2018
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	05/23/2018	05/24/2018	07/13/2018
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	08/20/2018	08/21/2018	09/11/2018
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	04/27/2018	05/02/2018	06/15/2018
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	07/12/2018	07/12/2018	08/20/2018
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	07/11/2018	07/17/2018	08/30/2018
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	07/11/2018	07/13/2018	08/22/2018
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	07/17/2018	07/24/2018	09/05/2018
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	07/20/2018	07/25/2018	09/12/2018
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	06/12/2018	06/15/2018	07/13/2018
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	08/08/2018	08/09/2018	08/22/2018
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/27/2018	08/06/2018	09/05/2018
CA	AOCONCERN	San Gabriel Valley Areas of Concern	EPA Region 9	03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	07/02/2018	07/13/2018	09/10/2018
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	07/16/2018	07/18/2018	08/24/2018
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2018	05/01/2018	05/14/2018
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	04/01/2018	04/17/2018	06/19/2018
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	03/09/2017	03/10/2017	05/03/2017
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	01/04/2018	01/05/2018	01/18/2018
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	05/22/2018	05/24/2018	07/31/2018
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	07/11/2018	07/17/2018	09/12/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/30/2018	06/01/2018	07/13/2018
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	05/22/2018	05/24/2018	07/13/2018
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	07/30/2018	08/02/2018	09/05/2018
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	05/23/2018	05/31/2018	07/11/2018
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	07/31/2018	08/02/2018	09/05/2018
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	07/13/2018	08/08/2018	09/10/2018
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	07/13/2018	08/08/2018	09/10/2018
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	07/13/2018	08/06/2018	09/12/2018
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	05/31/2018	06/05/2018	07/18/2018
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	07/19/2018	07/25/2018	09/05/2018
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	07/09/2018	07/13/2018	08/24/2018
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	07/09/2018	07/13/2018	09/12/2018
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	05/07/2018	07/03/2018	08/13/2018
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	05/14/2018	07/03/2018	08/13/2018
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	08/07/2018	08/09/2018	09/05/2018
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	07/27/2018	07/31/2018	09/10/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

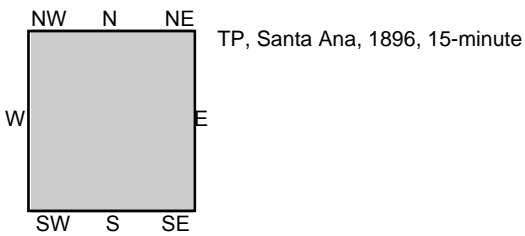
St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	06/04/2018	06/06/2018	07/17/2018
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/17/2018	07/24/2018	08/24/2018
CA	SAN DIEGO CO. SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	LUST SAN FRANCISCO	Local Oversight Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	06/07/2018	06/12/2018	07/10/2018
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	08/20/2018	08/21/2018	09/07/2018
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	06/12/2018	06/15/2018	08/06/2018
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	06/12/2018	06/15/2018	08/13/2018
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	08/17/2018	08/22/2018	09/07/2018
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	08/01/2018	08/06/2018	09/11/2018
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Managem	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2018	06/08/2018	07/18/2018
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2018	06/12/2018	07/12/2018
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	06/19/2018	06/26/2018	07/17/2018
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	07/03/2018	07/10/2018	08/24/2018
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	08/14/2018	08/16/2018	08/24/2018
CA	UST SUTTER	Underground Storage Tanks	Sutter County Department of Agriculture	06/04/2018	06/08/2018	07/11/2018
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	07/17/2018	08/02/2018	09/07/2018
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	07/17/2018	07/24/2018	09/07/2018
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	03/19/2018	03/22/2018	04/17/2018
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	07/02/2018	07/26/2018	09/05/2018
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	07/02/2018	07/26/2018	08/24/2018
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	04/26/2018	06/13/2018	07/11/2018
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	06/20/2018	07/03/2018	07/12/2018
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	05/10/2018	05/15/2018	06/15/2018

STREET AND ADDRESS INFORMATION

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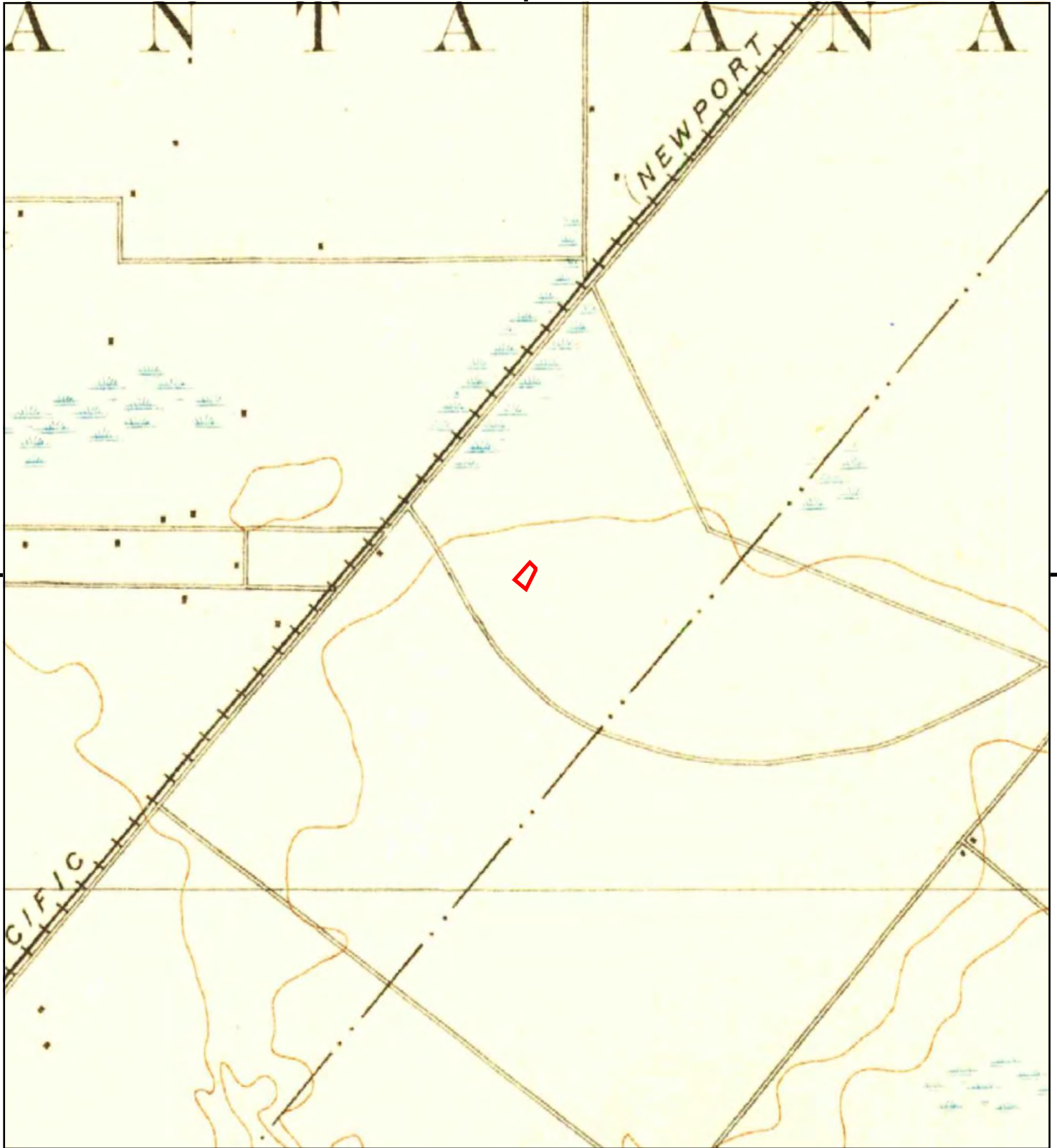


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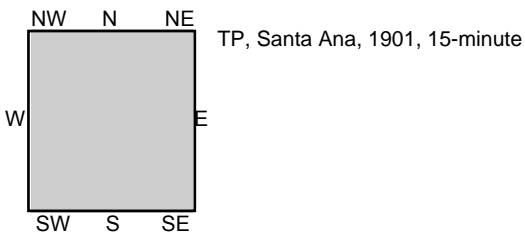
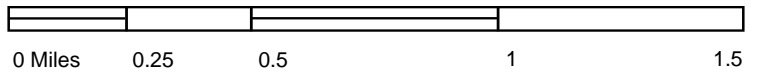


SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
Costa Mesa, CA 92626
CLIENT: AES Due Diligence, Inc



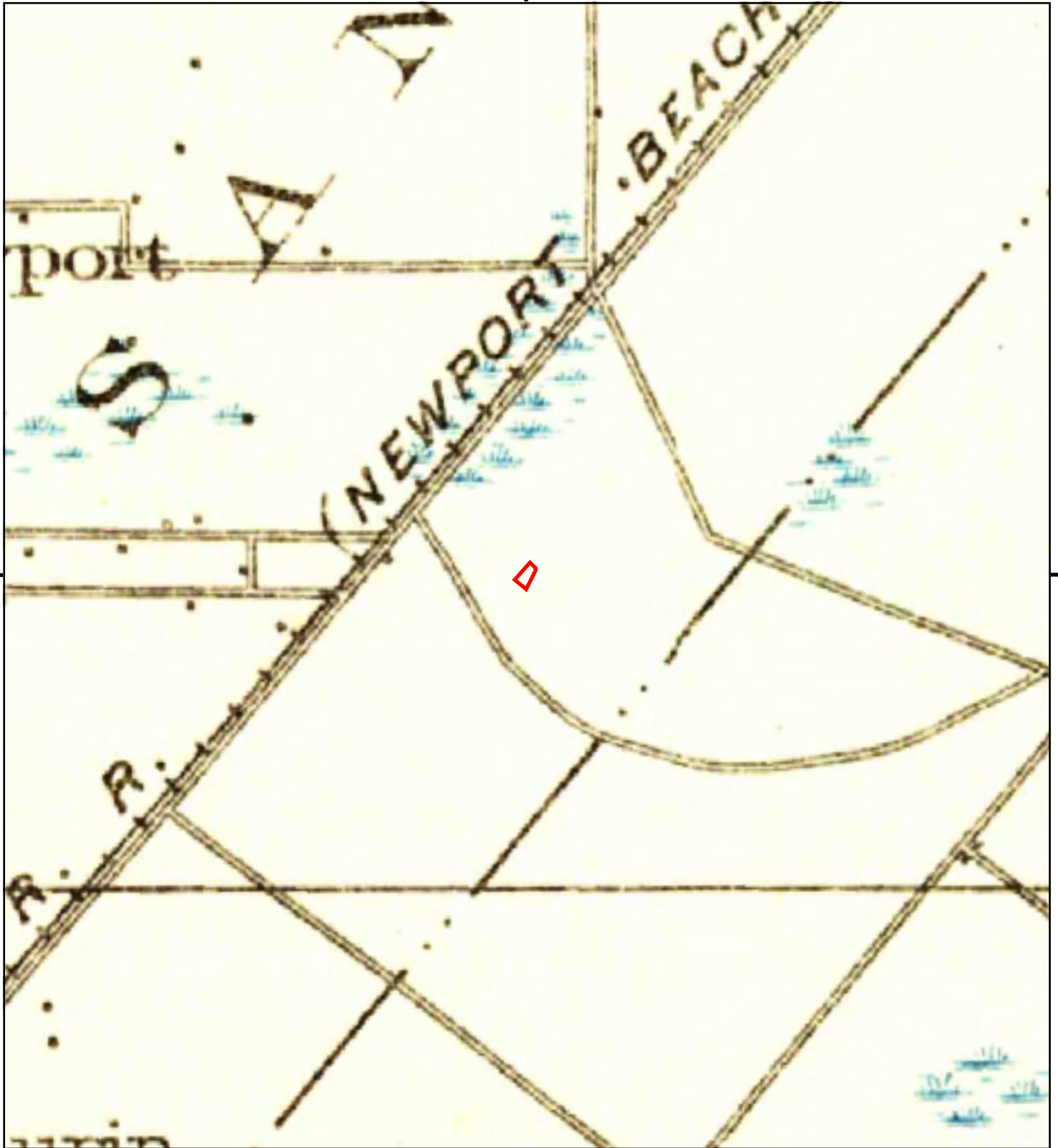


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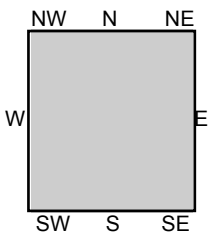


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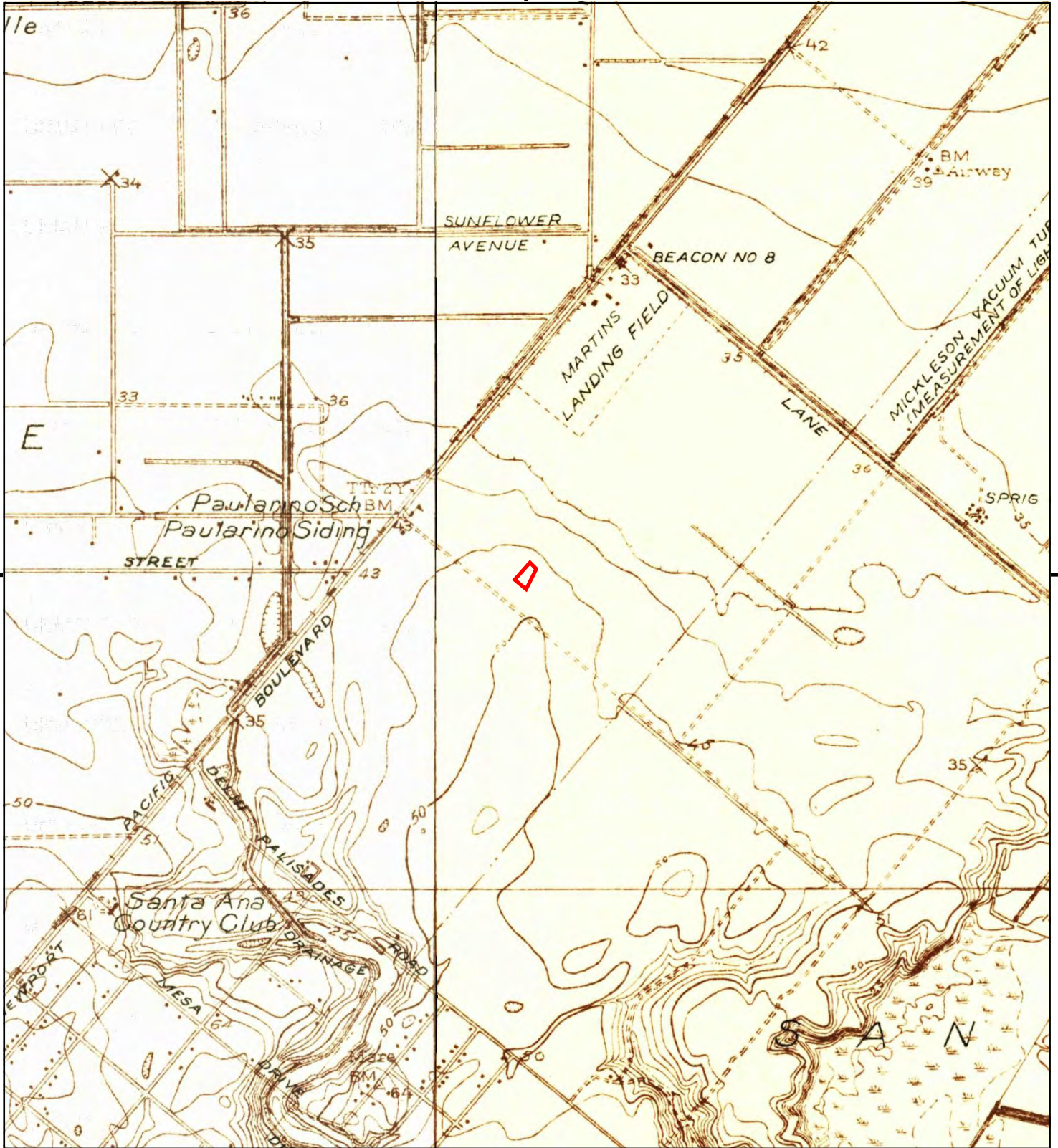
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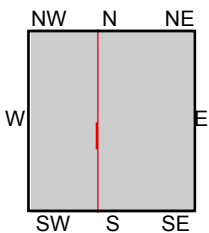
TP, Corona, 1902, 30-minute

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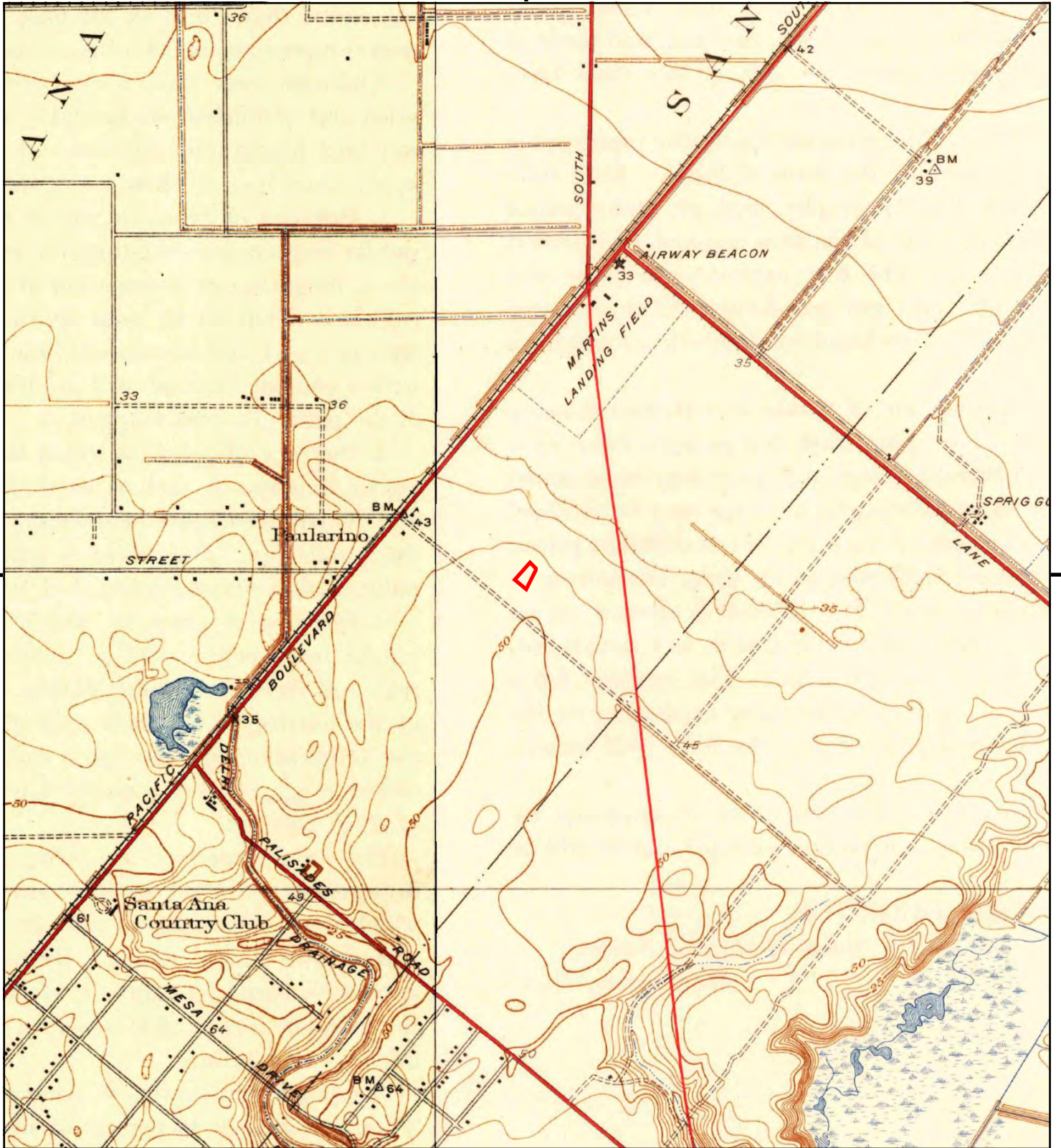
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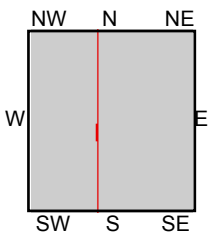
TP, Tustin, 1932, 7.5-minute
W, Newport Beach, 1932, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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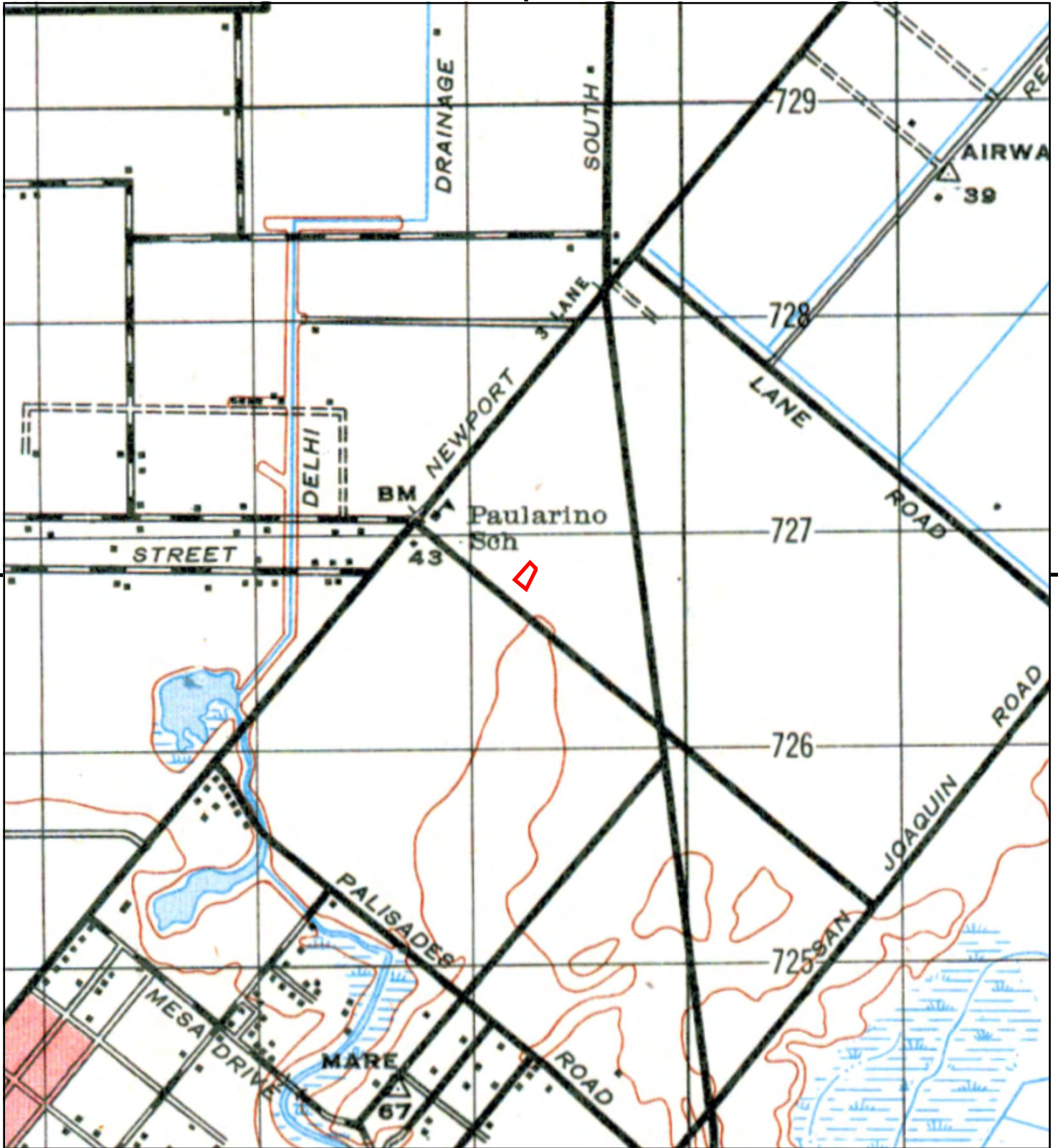
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TP, Tustin, 1935, 7.5-minute
 W, Newport Beach, 1935, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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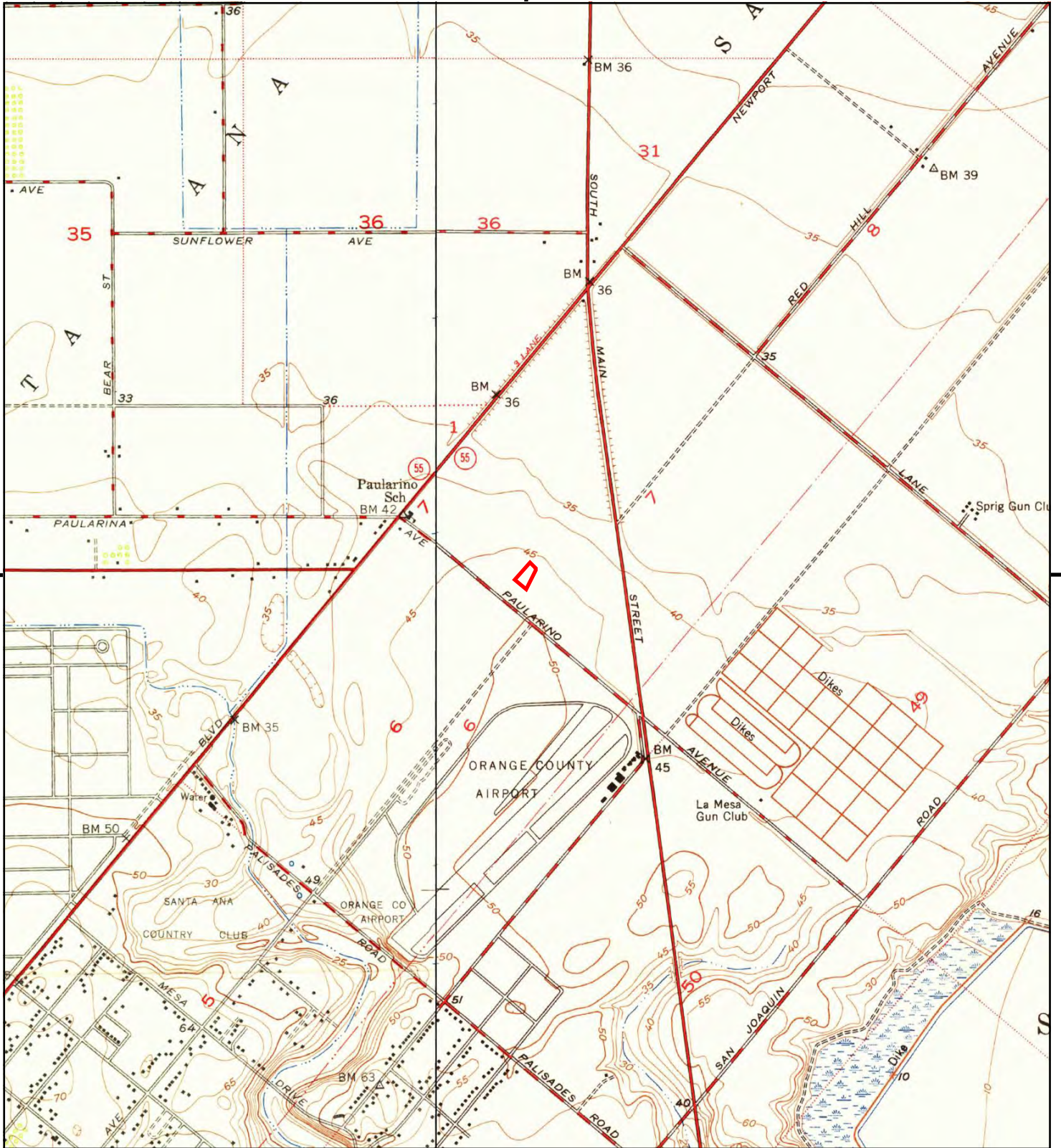
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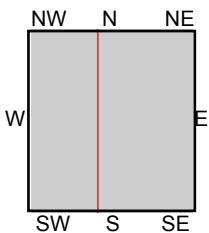
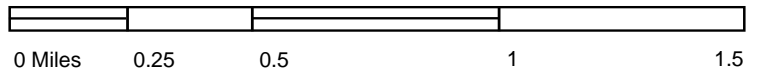
TP, SANTA ANA, 1942, 15-minute

SITE NAME: 3175 Airway Avenue
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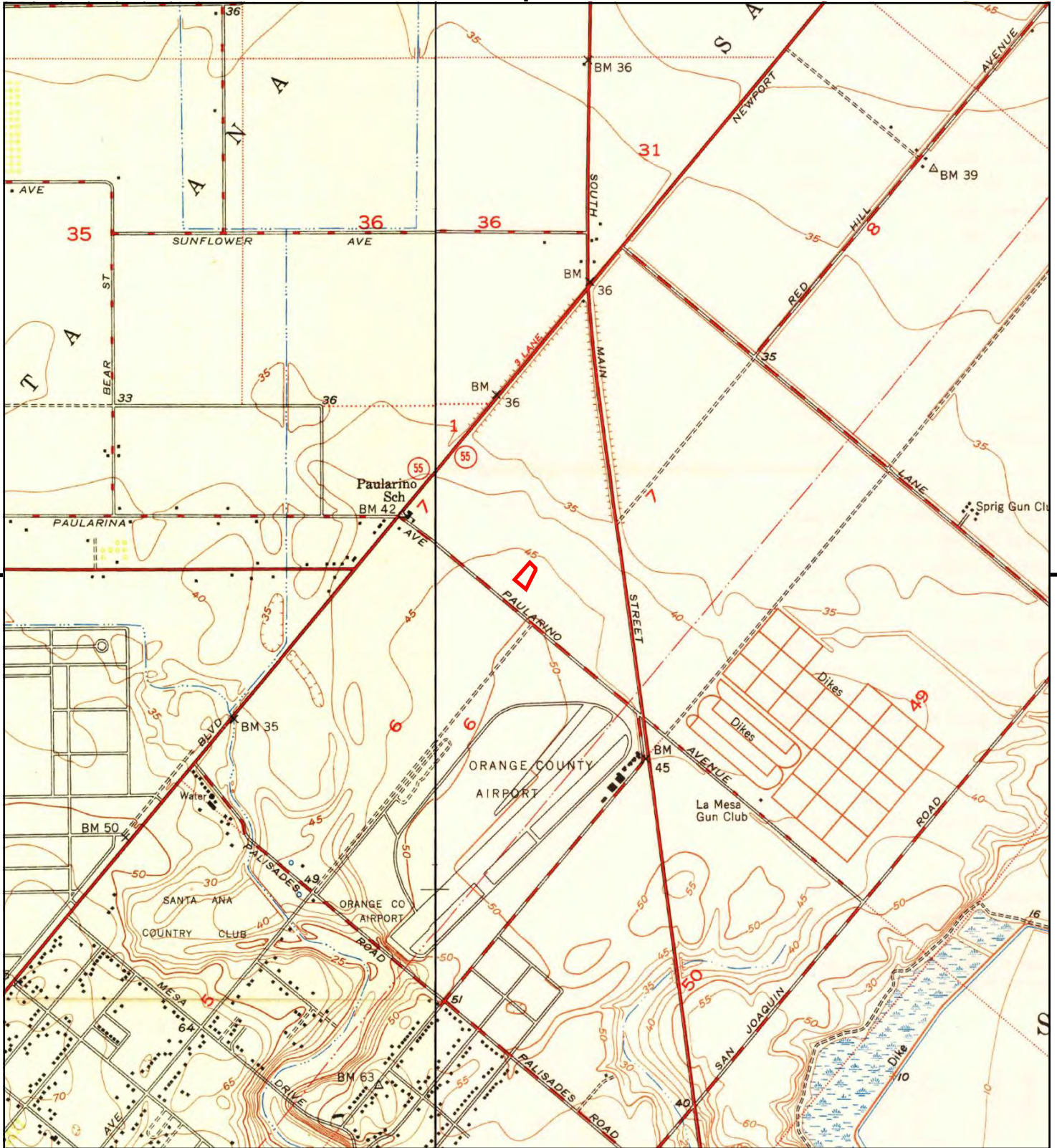
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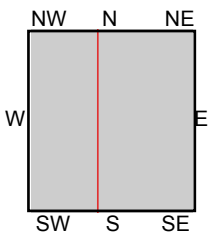
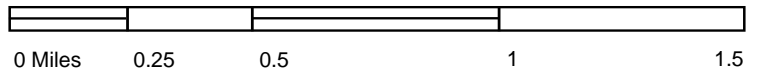
TP, Tustin, 1948, 7.5-minute
 W, Newport Beach, 1949, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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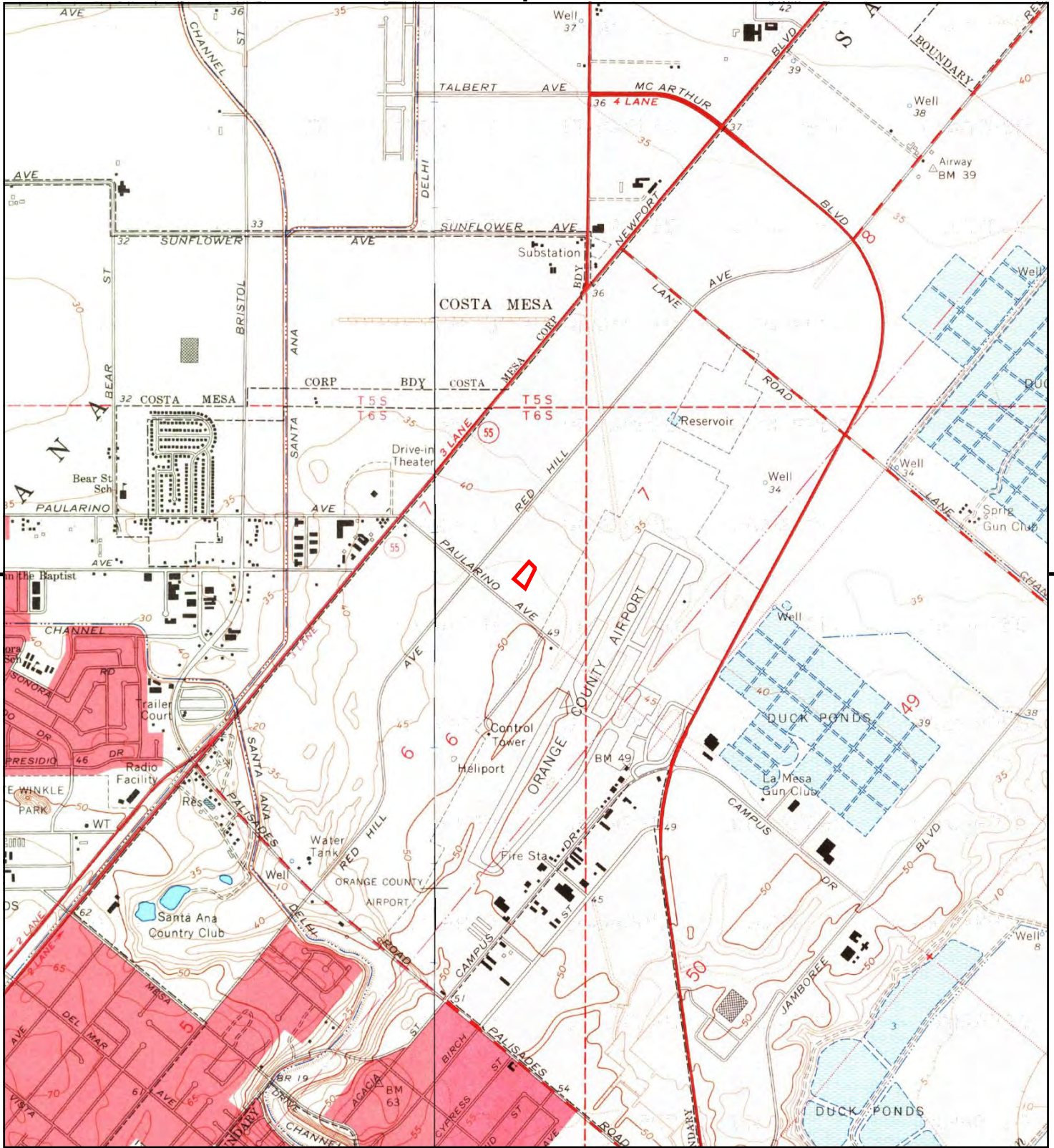
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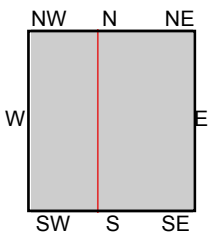
TP, Tustin, 1950, 7.5-minute
 W, Newport Beach, 1951, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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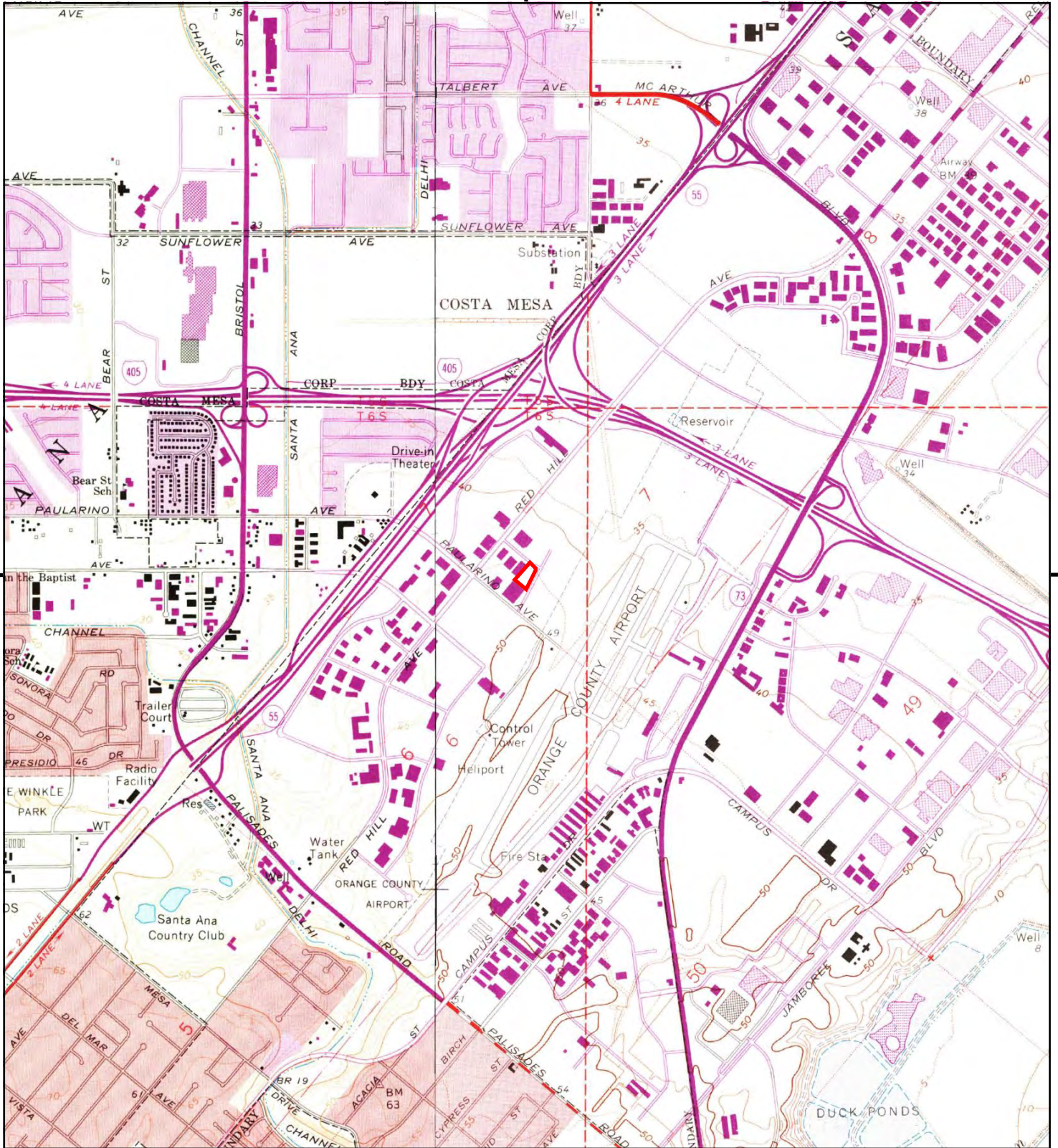
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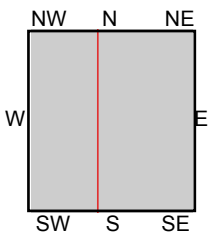
TP, Tustin, 1965, 7.5-minute
W, Newport Beach, 1965, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
Costa Mesa, CA 92626
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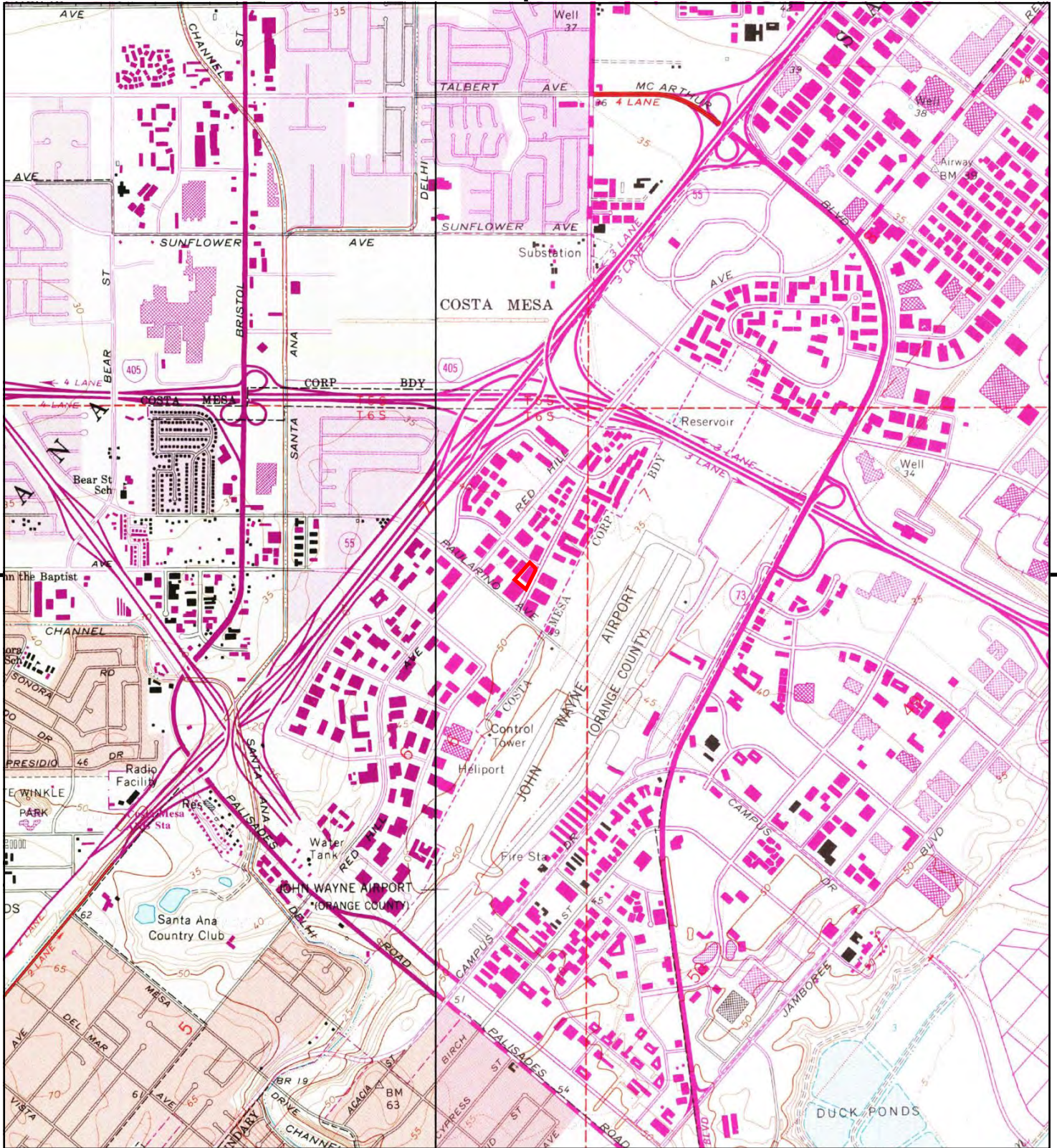
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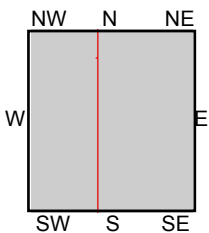
TP, Tustin, 1972, 7.5-minute
 W, Newport Beach, 1972, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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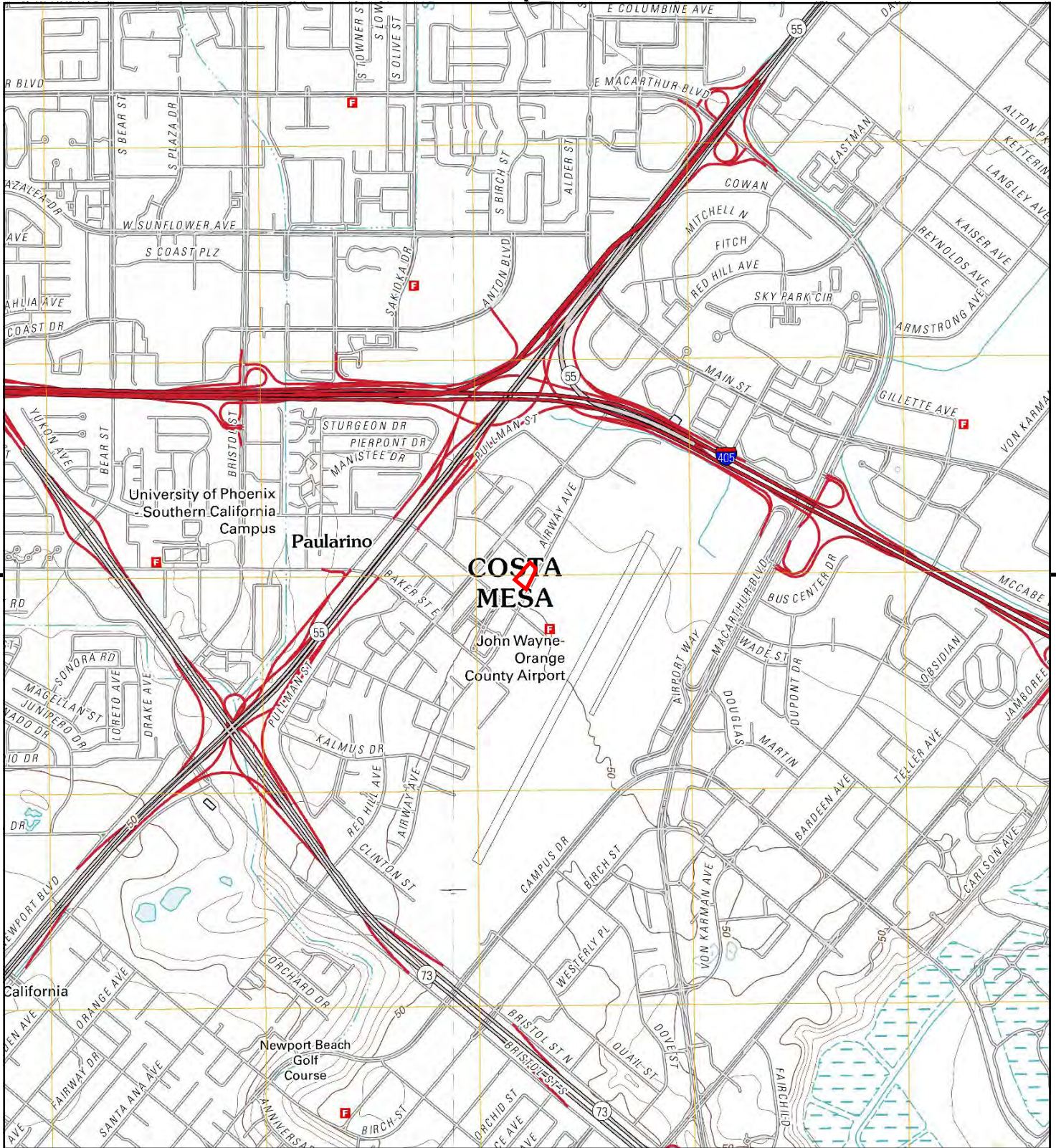
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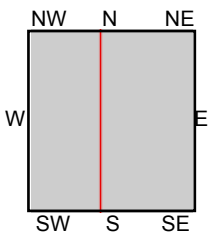
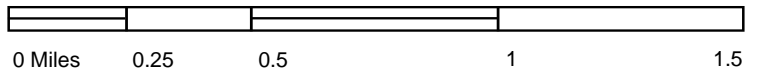
TP, Tustin, 1981, 7.5-minute
 W, Newport Beach, 1981, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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This report includes information from the following map sheet(s).



TP, Tustin, 2012, 7.5-minute
W, Newport Beach, 2012, 7.5-minute

SITE NAME: 3175 Airway Avenue
ADDRESS: 3175 Airway Avenue
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INQUIRY #: 5427551.8

YEAR: 1938

— = 500'





INQUIRY #: 5427551.8

YEAR: 1946

— = 500'





INQUIRY #: 5427551.8

YEAR: 1952

— = 500'





INQUIRY #: 5427551.8

YEAR: 1963

— = 500'





INQUIRY # 5427551.8

YEAR: 1972

— = 500'





INQUIRY #: 5427551.8

YEAR: 1977

— = 500'





INQUIRY #: 5427551.8

YEAR: 1985

— = 500'





INQUIRY #: 5427551.8

YEAR: 1989

— = 500'





INQUIRY #: 5427551.8

YEAR: 1990

— = 500'



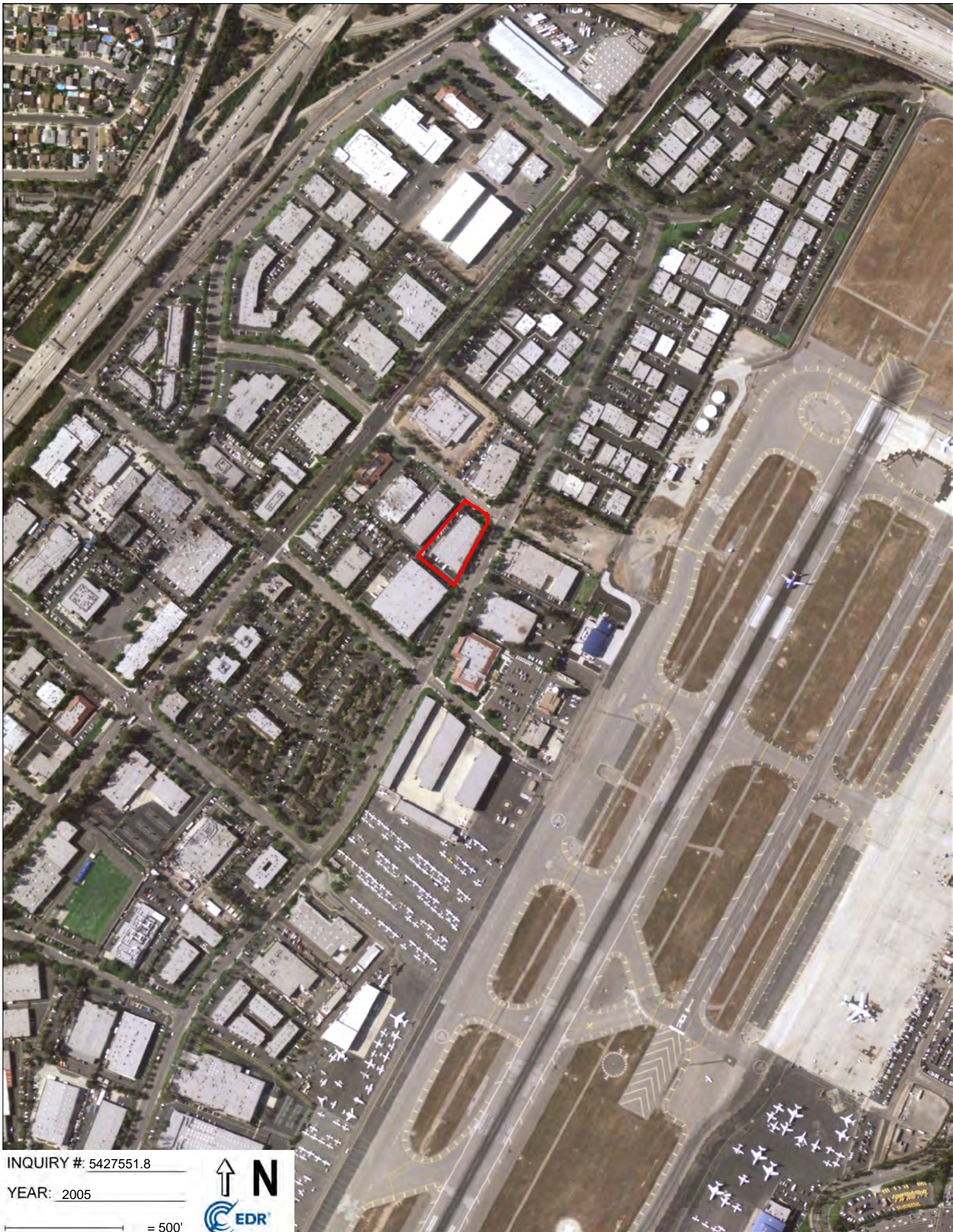


INQUIRY #: 5427551.8

YEAR: 1994

— = 500'



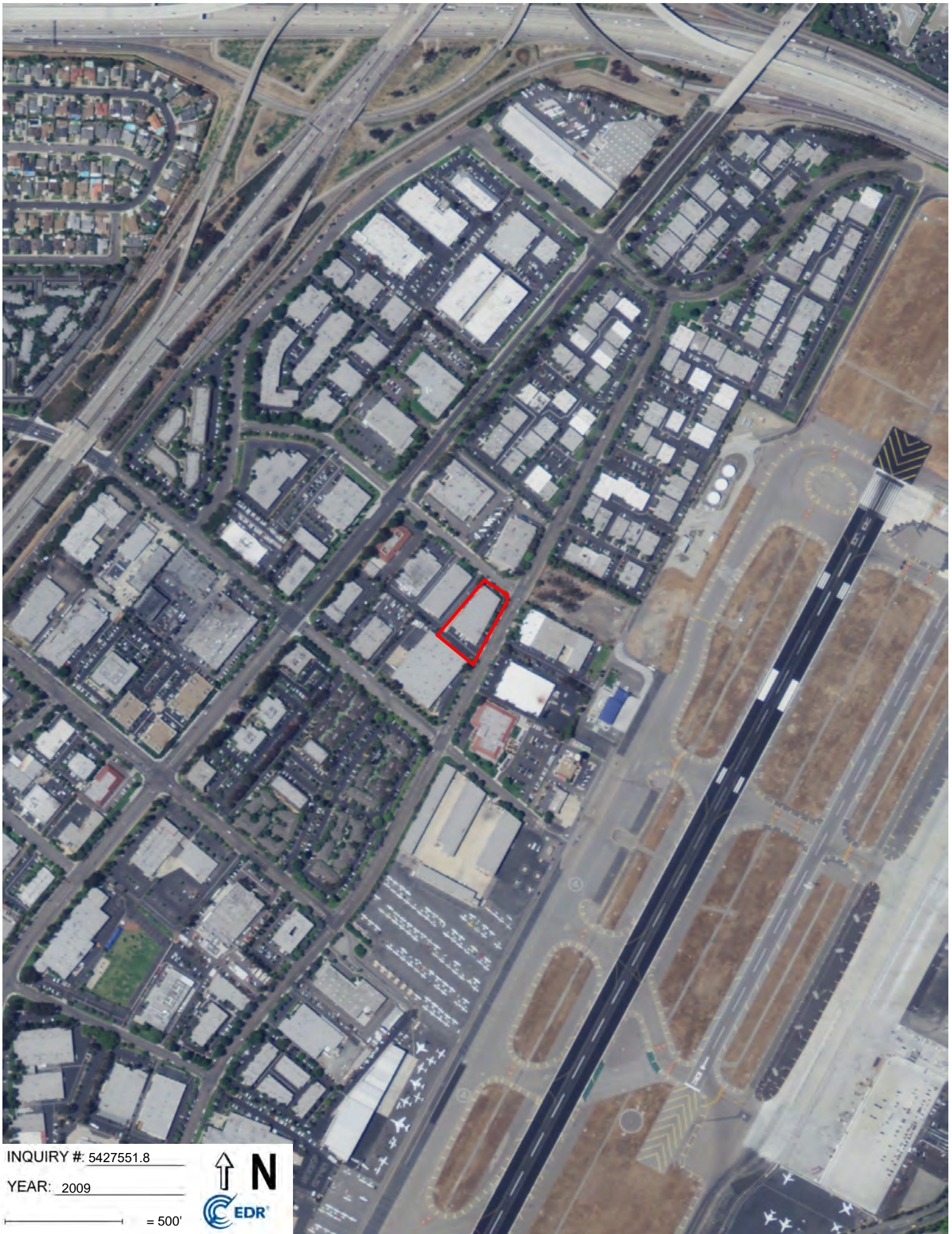


INQUIRY #: 5427551.8

YEAR: 2005

— = 500'





INQUIRY #: 5427551.8

YEAR: 2009

— = 500'



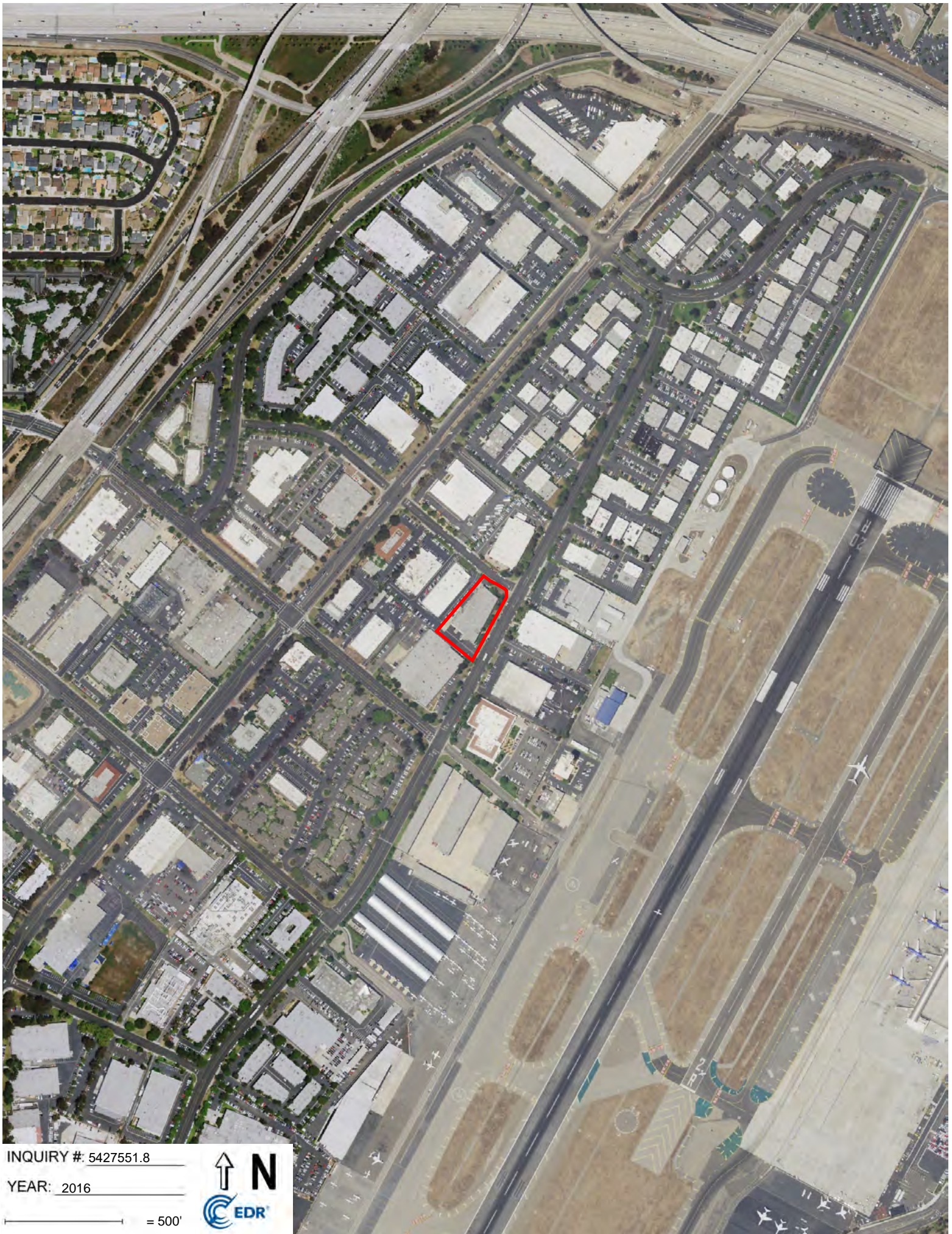


INQUIRY #: 5427551.8

YEAR: 2012

— = 500'





INQUIRY # 5427551.8

YEAR: 2016

— = 500'



GEOTRACKER

3175 Airway Avenue, Costa Mesa, CA, USA

Map Address

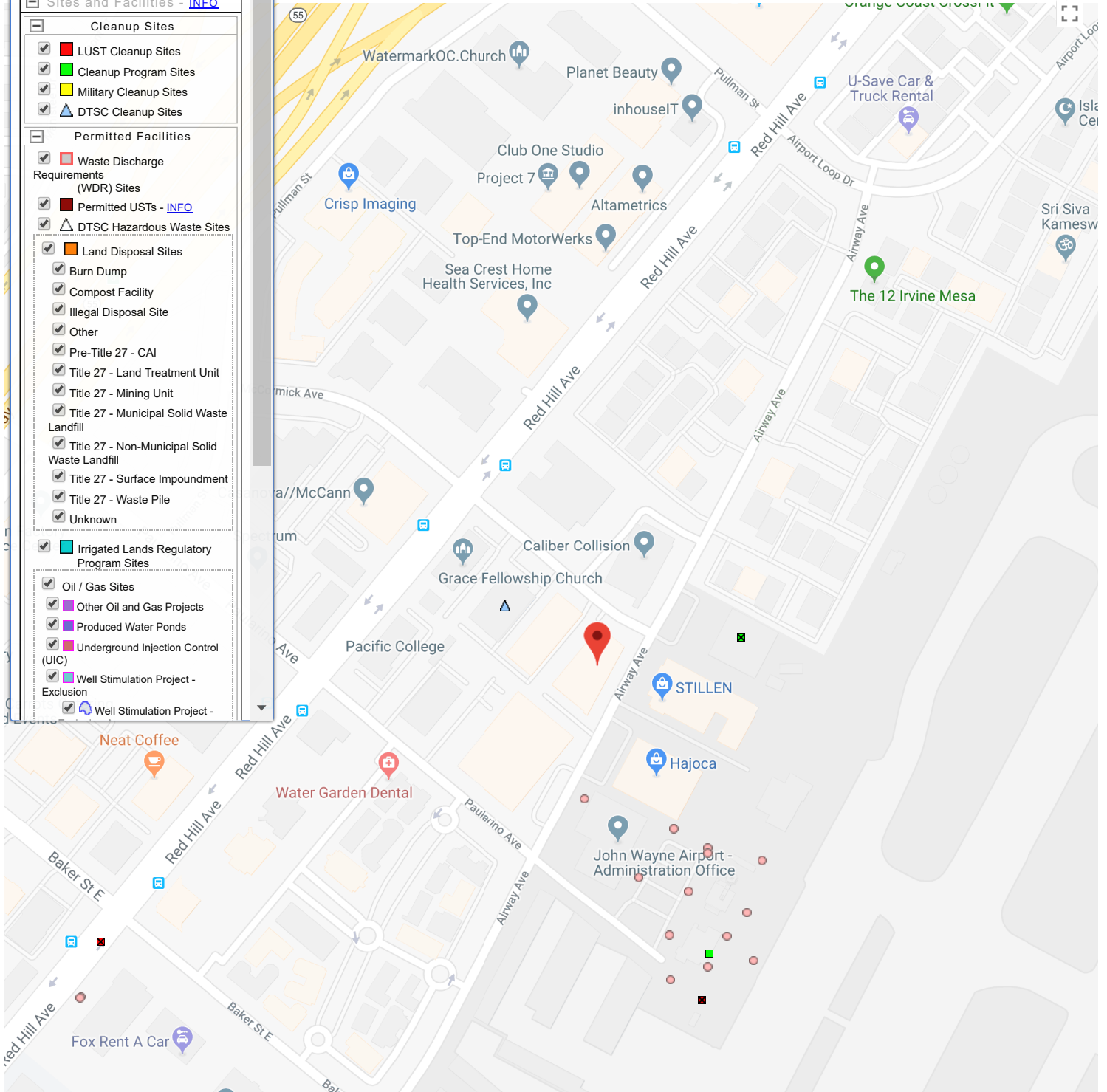
Sites and Facilities - [INFO](#)

Cleanup Sites

- LUST Cleanup Sites
- Cleanup Program Sites
- Military Cleanup Sites
- ▲ DTSC Cleanup Sites

Permitted Facilities

- Waste Discharge Requirements (WDR) Sites
- Permitted USTs - [INFO](#)
- ▲ DTSC Hazardous Waste Sites
- Land Disposal Sites
 - Burn Dump
 - Compost Facility
 - Illegal Disposal Site
 - Other
 - Pre-Title 27 - CAI
 - Title 27 - Land Treatment Unit
 - Title 27 - Mining Unit
 - Title 27 - Municipal Solid Waste Landfill
 - Title 27 - Non-Municipal Solid Waste Landfill
 - Title 27 - Surface Impoundment
 - Title 27 - Waste Pile
 - Unknown
- Irrigated Lands Regulatory Program Sites
- Oil / Gas Sites
- Other Oil and Gas Projects
- Produced Water Ponds
- Underground Injection Control (UIC)
- Well Stimulation Project - Exclusion
- Well Stimulation Project -





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/19/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER BB&T-John Burnham Ins Services 750 B Street Suite 2400 San Diego, CA 92101 619 231-1010	CONTACT NAME: Vicky Briley	
	PHONE (A/C, No, Ext): 619 231-1010	FAX (A/C, No): 6192369134
E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Travelers Property Casualty Co of Amer		25674
INSURER B : Charter Oak Fire Insurance Company		25615
INSURER C : Phoenix Insurance Company		25623
INSURER D : Evanston Insurance Company		35378
INSURER E :		
INSURER F :		

INSURED
AES Due Diligence Inc.
9089 Clairemont Mesa Blvd #104
San Diego, CA 92123

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			6805H959585	01/01/2018	01/01/2019	EACH OCCURRENCE \$ 1,000,000
B	CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/>			6805H959500	01/01/2018	01/01/2019	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
C	GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			6805K582245	01/01/2018	01/01/2019	MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/>			6805H959585	01/01/2018	01/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUP7617Y771	01/01/2018	01/01/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE/OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	UB9J126746	01/01/2018	01/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Prof. E&O Liab. Claims Made Limt Incl Defense			MKLV7PL0003029	02/01/2018	02/01/2019	\$ 2,000,000 Ea. Claim \$ 2,000,000 Aggregate \$ 25,000 Ded/Claim

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate is subject to policy limits, conditions, terms & exclusions.

This certificate has been issued as Evidence of Insurance. Coverage only and is not to be reproduced.

CERTIFICATE HOLDER

CANCELLATION

AES Due Diligence Inc.
9089 Clairemont Mesa Blvd. #104
San Diego, CA 92123

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

John S. Kille

Professional Profile

Robert Presta
LICENSED ARCHITECT
PRESIDENT

EDUCATION

Bachelor of Architecture
Magna Cum Laude, University of Houston

Master of Business Administration
Pepperdine University

REGISTRATION

Licensed Architect
State of California

Licensed Contractor
State of California

CONTINUING EDUCATION

Asbestos and Lead Control Hazard

Conduction Historical Research According
ASTM Standards & AAI Standards

PROFESSIONAL SUMMARY

- Robert Presta brings over 25 years experience in architecture and real estate to AES Due Diligence.
- Former Regional Manager for a national architectural and engineering consulting firm.
- Due diligence physical surveys of existing properties to determine quality and condition of the structure, equipment, finishes and fixtures, identify items requiring repair or replacement, ADA compliance status; and estimate associated costs.
- Phase One Environmental Site Assessments following ASTM 1527-05 or client standards, including federal and state database searches, on-site observations and screening tests for hazardous materials.
- Review and analysis of construction documents, schedules and budgets for proposed projects.
- On-site monitoring of new construction, renovation and repair work for conformance to documents, quality of workmanship, acceptability of requisition requests and adequacy of remaining funds.
- Held rank of Captain in the U.S. Marine Corps, flew on board F-4B jet fighter aircraft as Radar Intercept Officer.



Professional Profile

TIMOTHY DAHLSTRAND, P.E., P.G.

Manager of Environmental and Engineering Services

Education

M.S., Civil Engineering
Northwestern University

B.S., Geology
Northwestern University

Registrations

Professional Engineer – Illinois, Wisconsin,
Michigan, Indiana, Ohio, Kentucky, Virginia

Professional Geologist – Illinois, Wisconsin

Certified Professional Geologist – National

Professional Activities

American Institute of Professional
Geologists

Professional Summary

- In over twenty-five years of work experience, Mr. Dahlstrand has performed environmental assessments throughout the United States and internationally, supervised other professionals, managed local officers and national environmental consulting operations, conducted training classes for professionals and clients, and authored technical papers.
- Environmental Services Manager for a national consulting firm performing approximately 1,500 Phase I Environmental Site Assessments annually in the United States.
- Project Manager for the engineering design of a portion of a municipal solid waste landfill which included leachate collection system and ground water gradient control system design. Developed a comprehensive data management system to allow rapid access to all QA/QC data and facilitate development of report-quality tables.
- Project Manager for the investigation of PCB contaminated sites at utility-owned substations to determine the extent and severity of contamination. Developed specialized subsurface investigation protocols to assure sample integrity, developed remediation alternatives and costs.
- Project Manager for a RCRA Treatment, Storage and Disposal site in northeastern Illinois.
- Subsurface explorations at three (3) abandon manufactured gas plant sites, which contained hazardous waste.

Professional Profile

STEPHEN J. BAKER
HYDROGEOLOGIST

EDUCATION

Bachelor of Art in Geology
Ohio State University

REGISTRATION

Registered Geologist
States of California and Washington

Certified Hydrogeologist
States of California and Washington

CONTINUING EDUCATION

Recycled Water as Drinking Water: Exploring
Direct Potable Reuse, April 2017.

Sustainable Groundwater Act and Impacts to the
Central Valley of California, February 2017

California Groundwater Law, December 2015

Fractured Rock Conference: State of the
Science and Measuring Success in
Remediation, September 2004

DNAPLs in Fractured Geologic Media:
Monitoring, Remediation & Natural Attenuation,
December 1999, National Groundwater
Association

Professional Summary

- Founded HydroSolutions of California, Inc. in 1985 as a high tech environmental consulting company that focused on pollution liabilities impacting real estate.
- Developed HydroSolutions of California Baseline programs, copyrighted the Enhanced Pollution Awareness Survey utilized by corporate personnel.
- Contributed to developing the environmental policy for the Federal Home Loan Bank Board that included the tiered environmental phase I and II approach to establishing a base level of due diligence in the lending industry.
- Founding Advisory Board Member of the Cooperative Solution Program, Board of Director for the Institute of Environmental Solutions. Represented environmental consulting for the Program's pilot project assigned by California Governor Wilson during the early 1990s. Worked with four national laboratories, California Department of Toxic Substances, Regional Water Quality Control Board, the land development company and the lender. The property was located in Antioch, California.
- Mr. Baker managed approximately 400 projects of the firm. Potential responsible party investigations, groundwater monitoring programs, site characterization of petroleum, solvents and metals, vapor extraction and bioremediation of soils, well head protection programs, aquifer analysis were some projects performed by Mr. Baker.
- Mr. Baker also supported the company by presenting over three hundred presentations, workshops, classes and seminars for the banking, real estate, academia and land development industries.

Professional Profile

RICHARD DARWICKI

Vice President

LICENSED PROFESSIONAL MECHANICAL ENGINEER

EDUCATION

Santa Ana College
Mechanical Engineering
California State University at Fullerton

REGISTRATION

Licensed Professional Mechanical Engineer
State of California

CONTINUING EDUCATION

Carrier Air Conditioning Design
Trane Air Conditioning Design
Trace/Trane Training Course
Micropas and Calpas User Training
Asbestos and Lead Hazard Control
ASTM Environmental Site Assessments for
Commercial Real Estate
Maintaining Asphalt Pavements –
University of Wisconsin, Madison
Mold in Commercial Buildings –
American Society of Civil Engineers

PROFESSIONAL AFFILIATIONS

A.S.H.A.R.E. –
National Society of Professional Engineers
National Fire Protection Associations

Professional Summary

- Richard Darwicki brings over 40 years experience in Engineering and Construction Consulting Services to AES Due Diligence, Inc. These service experience include military, mid- and high-rise structures, retail, industrial, single and multi-family residential, resort and hospitality, assisted living and congregate care, office and medical facilities.
- He has designed wastewater treatment systems, reverse water filtration systems, water chlorinating facilities, vapor recovery fuel islands, double containment fuel tank systems, and site utilities for commercial, industrial, retail, and residential projects.
- He has also participated in Department of Energy studies to establish new energy standards for building construction and to design and develop solar energy collection systems for NASA and Rockwell International.
- As Chief Engineer for several firms, his responsibilities included cost estimations, specification writing, contract administration, field construction monitoring and environmental assessments for public and private projects.
- Due Diligence physical surveys since 1988 of existing properties to determine quality and condition of the structure, equipment, finishes and fixtures Identifying items requiring repair or replacement, ADA Compliance status, and estimating associated costs.
- On-site monitoring of new construction, renovation and repair work.
- Phase I Environmental Site Assessments (ASTM 1527-05) including on-site observations.
- Previously a Registered Environmental Assessor, expired in 1996, with new registration pending.



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F.2 - 3175 Airway—NHD report

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FANHD Residential Property Disclosure Reports

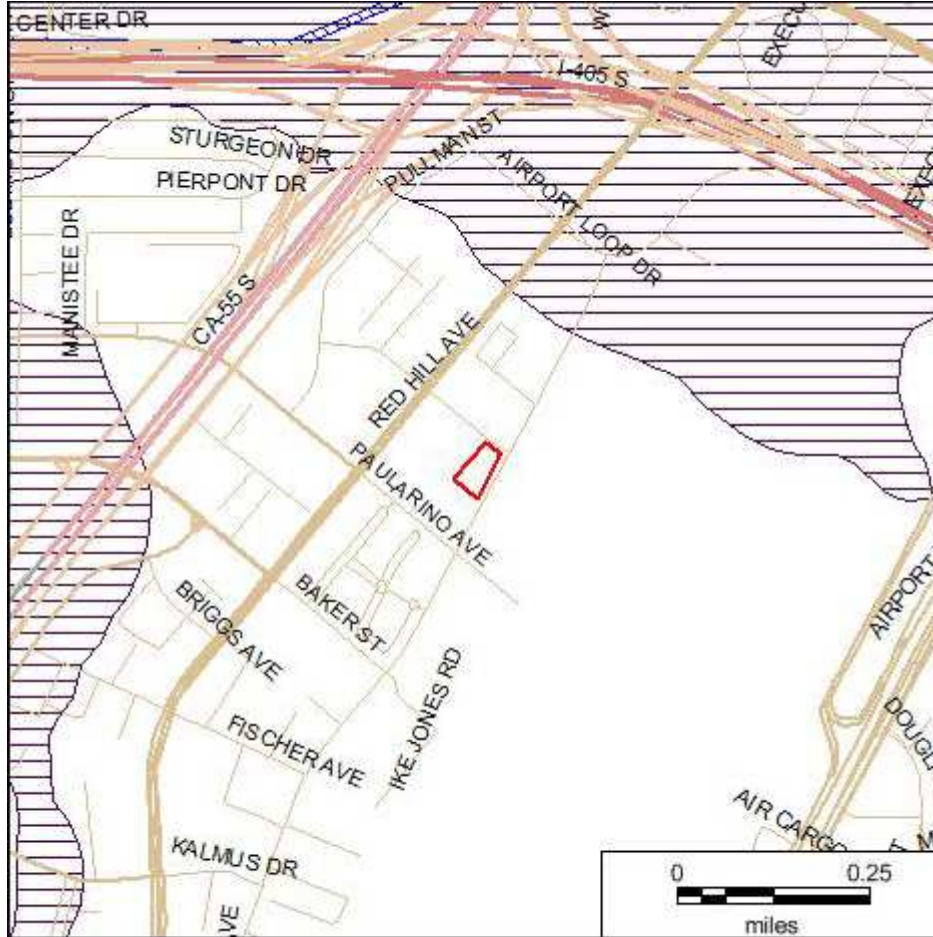
Map of Statutory Natural Hazards

For ORANGE County

Property Address: 3175 AIRWAY AVE
 COSTA MESA, ORANGE COUNTY, CA 92626
 ("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

Map of Statutory Natural Hazard Zones



Subject Property

	Special Flood Hazard Area
	Area of Potential Flooding, Dam Failure
	Very High Fire Hazard Severity Zone
	Wildland Area, Substantial Forest Fire Risk
	Earthquake Fault Zone
	Seismic Hazard Zone, Landslide
	Seismic Hazard Zone, Liquefaction

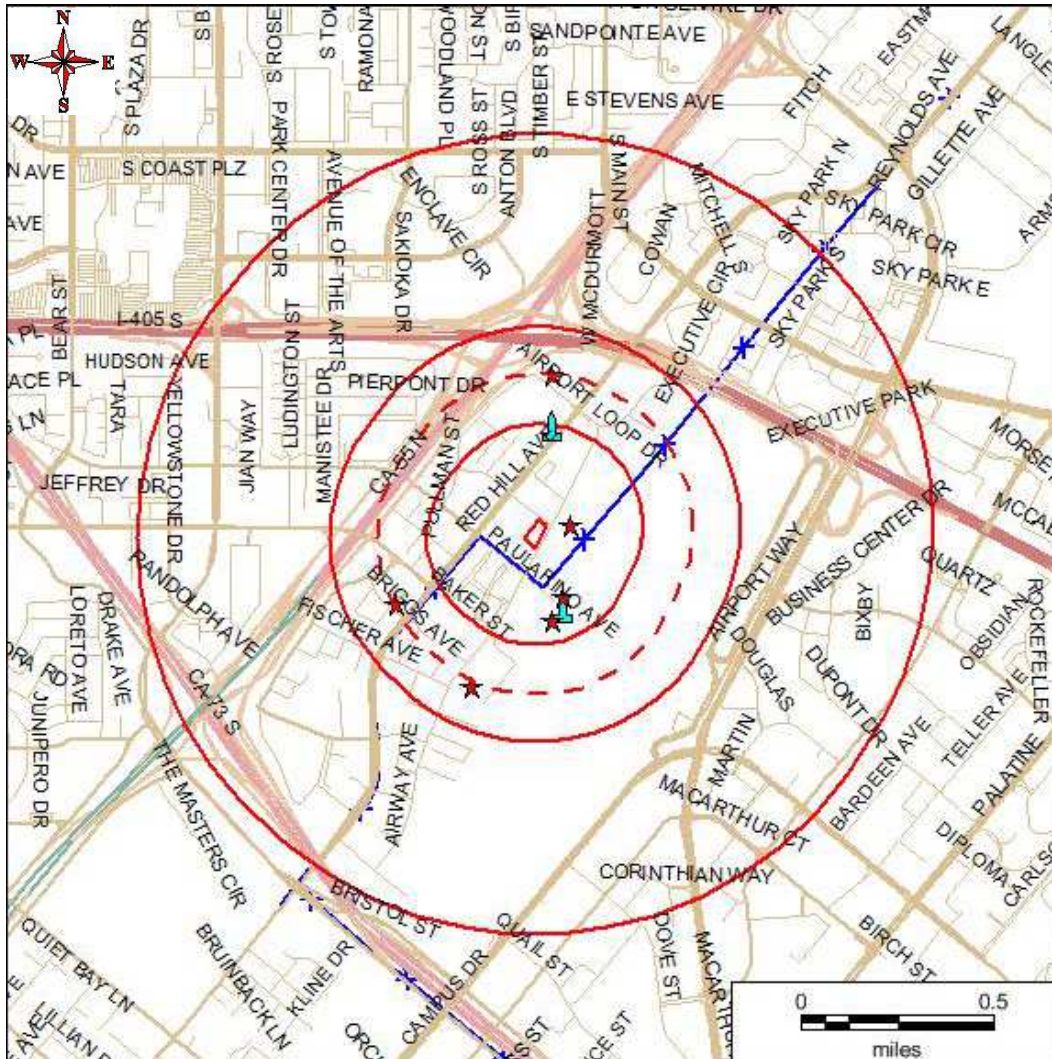
This map is provided for convenience only to show the approximate location of the Property and is not based on a field survey.

Map of Environmental Hazard Sites
For ORANGE County

Property Address: 3175 AIRWAY AVE
COSTA MESA, ORANGE COUNTY, CA 92626
("Property")










APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

Map of Environmental Hazard Sites



□ Subject Property

NOTE: The foregoing map may show more sites than are reported in the listing below. The map shows all sites found within the square coverage area. The listing below reports only those sites found within the standard radius search distance for the database listed, which covers a smaller area. Sites outside of that standard radius search distance are not listed below. The standard radius search distances for point sources are defined by the U.S. Environmental Protection Agency's "All Appropriate Inquiries" (AAI) guidelines. The AAI standard search distance differs between database categories, depending upon degree of potential hazard. Pipeline search distance (2,000 feet, red dashed circle on map) complies with U.S. bill H.R. 22 (Speier). See section called "Explanation of Databases Used" for the actual standard search distance used for each database category.

	(NPL) Federal National Priorities List or "Superfund" Sites		(SWIS) Solid Waste Landfill Facilities
	(RCRA COR) Corrective Action Sites		(SLIC) Spills, Leaks, Investig. & Cleanup
	(LUST) Leaking Underground Storage Tanks		California EnviroStor State Response Sites
	Oil or Gas Well		Gas Transmission Pipelines (Approximate)
	Hazardous Liquid Pipelines (Approximate)		



FANHD Residential Property Disclosure Reports Natural Hazard Disclosure (NHD) Report For ORANGE County

Property Address: 3175 AIRWAY AVE
COSTA MESA, ORANGE COUNTY, CA 92626
("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

Statutory Natural Hazard Disclosure ("NHD") Statement and Acknowledgment of Receipt

The seller and seller's agent(s) or a third-party consultant disclose the following information with the knowledge that even though this is not a warranty, prospective buyers may rely on this information in deciding whether and on what terms to purchase the Property. Seller hereby authorizes any agent(s) representing any principal(s) in this action to provide a copy of this statement to any person or entity in connection with any actual or anticipated sale of the Property.

The following are representations made by the seller and seller's agent(s) based on their knowledge and maps drawn by the state and federal governments. This information is a disclosure and is not intended to be part of any contract between the seller and buyer. **THIS REAL PROPERTY LIES WITHIN THE FOLLOWING HAZARDOUS AREA(S):**

A SPECIAL FLOOD HAZARD AREA (Any type Zone "A" or "V") designated by the Federal Emergency Management Agency

Yes ___ No **X** Do not know and information not available from local jurisdiction ___

AN AREA OF POTENTIAL FLOODING shown on a dam failure inundation map pursuant to Section 8589.5 of the Government Code.

Yes ___ No **X** Do not know and information not available from local jurisdiction ___

A VERY HIGH FIRE HAZARD SEVERITY ZONE pursuant to Section 51178 or 51179 of the Government Code. The owner of this Property is subject to the maintenance requirements of Section 51182 of the Government Code.

Yes ___ No **X**

A WILDLAND AREA THAT MAY CONTAIN SUBSTANTIAL FOREST FIRE RISKS AND HAZARDS pursuant to Section 4125 of the Public Resources Code. The owner of this Property is subject to the maintenance requirements of Section 4291 of the Public Resources Code. Additionally, it is not the state's responsibility to provide fire protection services to any building or structure located within the wildlands unless the Department of Forestry and Fire Protection has entered into a cooperative agreement with a local agency for those purposes pursuant to Section 4142 of the Public Resources Code.

Yes ___ No **X**

AN EARTHQUAKE FAULT ZONE pursuant to Section 2622 of the Public Resources Code.

Yes ___ No **X**

A SEISMIC HAZARD ZONE pursuant to Section 2696 of the Public Resources Code.

Yes (Landslide Zone) ___ Yes (Liquefaction Zone) ___

No **X** Map not yet released by state ___

THESE HAZARDS MAY LIMIT YOUR ABILITY TO DEVELOP THE REAL PROPERTY, TO OBTAIN INSURANCE, OR TO RECEIVE ASSISTANCE AFTER A DISASTER. THE MAPS ON WHICH THESE DISCLOSURES ARE BASED ESTIMATE WHERE NATURAL HAZARDS EXIST. THEY ARE NOT DEFINITIVE INDICATORS OF WHETHER OR NOT A PROPERTY WILL BE AFFECTED BY A NATURAL DISASTER. SELLER(S) AND BUYER(S) MAY WISH TO OBTAIN PROFESSIONAL ADVICE REGARDING THOSE HAZARDS AND OTHER HAZARDS THAT MAY AFFECT THE PROPERTY.

Signature of Seller(s) _____ Date _____ Signature of Seller(s) _____ Date _____

Signature of Seller's Agent _____ Date _____ Signature of Seller's Agent _____ Date _____

Seller(s) and their agent(s) represent that the information herein is true and correct to the best of their knowledge as of the date signed by the transferor(s) and agent(s).

Seller(s) and their agent(s) acknowledge that they have exercised good faith in the selection of a third-party report provider as required in Section 1103.7 of the Civil Code, and that the representations made in this Natural Hazard Disclosure Statement are based upon information provided by the independent third-party disclosure provider as a substituted disclosure pursuant to Section 1103.4 of the Civil Code. Neither seller(s) nor their agent(s) (1) has independently verified the information contained in this statement and Report or (2) is personally aware of any errors or inaccuracies in the information contained on the statement. This statement was prepared by the provider below:

Third-Party Disclosure Provider(s) FIRST AMERICAN PROFESSIONAL REAL ESTATE SERVICES, INC. OPERATING THROUGH ITS FANHD DIVISION.
Date 26 February 2019

Buyer represents that he or she has read and understands this document. Pursuant to Civil Code Section 1103.8, the representations made in this Natural Hazard Disclosure Statement do not constitute all of the seller(s) or agent's disclosure obligations in this transaction.

Signature of Buyer(s) _____ Date _____ Signature of Buyer(s) _____ Date _____

BUYER(S) REPRESENTS ABOVE HE/SHE HAS RECEIVED, READ AND UNDERSTANDS THE COMPLETE FANHD DISCLOSURE REPORT DELIVERED WITH THIS SUMMARY:

- A. Additional Property-specific Statutory Disclosures: Former Military Ordnance Site, Commercial/Industrial Use Zone, Airport Influence Area, Airport Noise, San Francisco Bay Conservation and Development District Jurisdiction (in S.F. Bay counties only), California Energy Commission Duct Sealing Requirement, Notice of Statewide Right to Farm, Notice of Mining Operations, Sex Offender Database (Megan's Law), Gas and Hazardous Liquid Transmission Pipeline Database.
- B. Additional County and City Regulatory Determinations as applicable: Airports, Avalanche, Blow Sand, Coastal Zone, Dam/Levee Failure Inundation, Debris Flow, Erosion, Flood, Fault Zone, Fire, Groundwater, Landslide, Liquefaction, Methane Gas, Mines, Naturally Occurring Asbestos, Redevelopment Area, Right to Farm, Runoff Area, Seiche, Seismic Shaking, Seismic Ground Failure, Slope Stability, Soil Stability, Subsidence, TRPA, Tsunami.
- C. General advisories: Methamphetamine Contamination, Mold, Radon, Endangered Species Act, Abandoned Mines, Oil & Gas Wells, Tsunami Maps (coastal only).
- D. Additional Reports - Enclosed if ordered: (1) PROPERTY TAX REPORT (includes state-required Notices of Mello-Roos and 1915 Bond Act Assessments, and Notice of Supplemental Property Tax Bill, (2) ENVIRONMENTAL SCREENING REPORT (discloses Transmission Pipelines, Contaminated Sites, and Oil & Gas Wells). Enclosed if applicable: Local Addenda.
- E. Government Guides in Combined Booklet with Report. Refer to Booklet: (1) ENVIRONMENTAL HAZARDS: "A Guide for Homeowners, Buyers, Landlords and Tenants"; (2) EARTHQUAKE SAFETY: "The Homeowners Guide To Earthquake Safety" and included "RESIDENTIAL EARTHQUAKE HAZARDS REPORT FORM"; (3) LEAD-BASED PAINT: "Protect Your Family From Lead In Your Home"; (4) BRIEF GUIDE TO MOLD, MOISTURE AND YOUR HOME; (5) WHAT IS YOUR HOME ENERGY RATING? Government Guides are also available on the Company's "Electronic Bookshelf" at <http://www.fanhd.com/>.



FANHD Residential Property Disclosure Reports

Contents For ORANGE County

Property Address: 3175 AIRWAY AVE
COSTA MESA, ORANGE COUNTY, CA 92626
("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

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FANHD Residential Property Disclosure Reports

Summary of Disclosure Determinations

For ORANGE County

Property Address: 3175 AIRWAY AVE
 COSTA MESA, ORANGE COUNTY, CA 92626
 ("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

PROPERTY DISCLOSURE SUMMARY - READ FULL REPORT

Statutory NHD Determinations	IN	NOT IN	Map N/A*	Property is:	NHD Report page:
Flood		X		NOT IN a Special Flood Hazard Area. The Property is IN a FEMA-designated Flood Zone(s) X.	7
Dam		X		NOT IN an area of potential dam inundation.	7
Very High Fire Hazard Severity		X		NOT IN a very high fire hazard severity zone.	8
Wildland Fire Area		X		Not in a wildland-state responsibility area.	8
Fault		X		NOT IN an earthquake fault zone designated pursuant to the Alquist-Priolo Act.	9
Landslide		X		NOT IN an area of earthquake-induced land sliding designated pursuant to the Seismic Hazard Mapping Act.	9
Liquefaction		X		NOT IN an area of potential liquefaction designated pursuant to the Seismic Hazard Mapping Act.	9

County-level NHD Determinations	IN	NOT IN	Map N/A*	Property is:	NHD Report page:
Tsunami		X		NOT IN a mapped tsunami runup area	11
Ground Shaking	X			IN Seismic Shaking Zone B, a mapped relative seismic shaking zone with intermediate shaking potential.	11
Expansive Soils	X			IN a mapped area with high soil expansivity potential	12
Fault		X		NOT WITHIN one-eighth of one mile of a mapped fault trace	11
Liquefaction		X		NOT IN an area of high or moderate liquefaction potential	11
Landslide	X			IN an area of moderately low (Zone 2) or very low potential (Zone 1) for massive bedrock landslides under earthquake conditions.	11
Debris Flow		X		NOT IN a mapped source area of high propensity for either mud-debris flow or rock fall during periods of exceptionally high rainfall or during seismic shaking	11

City-level NHD Determinations	IN	NOT IN	Map N/A*	Property is:	NHD Report page:
Fault		X		NOT WITHIN 660 feet of a mapped Potentially Active Fault.	13
Tsunami		X		NOT IN a mapped Tsunami Hazard Zone.	13
Sea Level Rise		X		NOT IN a mapped area of Sea Level Rise Impact.	13

Additional Statutory Disclosures	IN	NOT IN	Map N/A*	Property is:	NHD Report page:
Former Military Ordnance		X		NOT WITHIN one mile of a formerly used ordnance site.	15
Commercial or Industrial	X			WITHIN one mile of a property zoned to allow commercial or industrial use.	15
Airport Influence Area	X			IN an airport influence area: John Wayne Airport	16
Airport Noise Area for 65 Decibel	X			IN a delineated 65 dB CNEL or greater aviation noise zone.	17
California Energy Commission	X			IN a climate zone where properties are usually subject to duct sealing and testing requirements	18
Right to Farm Act	X			IN a one mile radius of designated Important Farmland that requires a statutory "Notice of Right to Farm" be provided in this Report.	19
Notice of Mining Operations		X		NOT IN a one mile radius of a mapped mining operation that requires a statutory "Notice of Mining Operation" be provided in this Report.	20



FANHD Residential Property Disclosure Reports

Summary of Disclosure Determinations

For ORANGE County

Property Address: 3175 AIRWAY AVE
 COSTA MESA, ORANGE COUNTY, CA 92626
 ("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

General Advisories	Description	NHD Report page:
Registered Sex Offender Data Base (Megan's Law) Notice	Provides an advisory required pursuant to Section 290.46 of the Penal Code. Information about specified registered sex offenders is made available to the public.	21
Gas and Hazardous Liquid Transmission Pipeline Database Notice	Provides a notice required pursuant to Section 2079.10.5(a) of the Civil Code. Information about transmission pipeline location maps is made available to the public.	22
Methamphetamine Contamination	Provides an advisory that a disclosure may be required pursuant to the "Methamphetamine Contaminated Property Cleanup Act of 2005".	23
Mold	Provides an advisory that all prospective purchasers of residential and commercial property should thoroughly inspect the subject property for mold and sources for additional information on the origins of and the damage caused by mold.	24
Radon	Provides an advisory on the risk associated with Radon gas concentrations.	25
Endangered Species	Provides an advisory on resources to educate the public on locales of endangered or threatened species.	25
Abandoned Mines	Provides an advisory on resources to educate the public on the hazards posed by, and some of the general locales of, abandoned mines.	26
Oil and Gas Wells	Provides an advisory on the potential existence of oil and gas wells and sources for additional general and/or specific information.	26
Tsunami Map Advisory	Provides an advisory about maximum tsunami inundation maps issued for jurisdictional emergency planning.	27

Property Tax Determinations	IS	IS NOT	Property is:	Tax Report page:
Mello-Roos Districts		X	NOT SUBJECT TO a Mello-Roos Community Facilities District.	29
1915 Bond Act Districts		X	NOT SUBJECT TO a 1915 Bond Act District.	29
Other Direct Assessments	X		SUBJECT TO one or more other direct assessments.	30
SRA Fire Prevention Fee		X	NOT SUBJECT TO the State Responsibility Area Fire Prevention Fee (SRA Fee is suspended until 2031 by Assembly Bill 398 of 2017).	34

Environmental Screening	IS	IS NOT	Property is:	Environmental Report page:
Leaking Underground Storage Tanks	X		WITHIN one-quarter mile of a known leaking underground storage tank.	41
Superfund or RCRA Corrective Action Site		X	NOT WITHIN one mile of a Superfund or RCRA Corrective Action site.	40
Other sites in databases screened	X		WITHIN one-half mile of sites other than those above that are listed in the databases searched.	40
Oil and Gas Wells		X	NOT WITHIN one-quarter mile of a mapped oil or gas well(s).	38
Underground Transmission Pipelines	X		WITHIN 2,000 feet of a gas transmission or hazardous liquid pipeline(s) depicted in the National Pipeline Mapping System.	39

Determined by First American Professional Real Estate Services, Inc.

For more detailed information as to the foregoing determinations, please read this entire Report.



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Report Date: 02/26/2019
Report Number: 2435120

Natural Hazard Disclosure Report

Part 1. State Defined Natural Hazard Zones

Statutory Natural Hazard Disclosures

Section 1103 of the California Civil Code mandates the disclosure of six (6) natural hazard zones if the Property is located within any such zone. Those six "statutory" hazard zones, disclosed on the **Natural Hazard Disclosure Statement** ("NHDS") on Page one of this Report, are explained below. Note that the NHDS does not provide for informing buyers if a property is only partially within any of the delineated zones or provide additional flood zone information which could be very important to the process. The following summary is intended to give buyers additional information they may need to help them in the decision-making process and to place the information in perspective.

SPECIAL FLOOD HAZARD AREA

DISCUSSION: Property in a Special Flood Hazard Area (any type of Zone "A" or "V" as designated by the Federal Emergency Management Agency ("FEMA")) is subject to flooding in a "100-year rainstorm." Federally connected lenders require homeowners to maintain flood insurance for buildings in these zones. A 100-year flood occurs on average once every 100 years, but may not occur in 1,000 years or may occur in successive years. According to FEMA, a home located within a SFHA has a 26% chance of suffering flood damage during the term of a 30-year mortgage. Other types of flooding, such as dam failure, are not considered in developing these zones. Flood insurance for properties in Zones B, C, D, X, X500, and X500_Levee is available but is not required.

Zones A, AO, AE, AH, AR, A1-A30: Area of "100-year" flooding - a 1% or greater chance of annual flooding.

Zone A99: An "adequate progress" determination for flood control system construction projects that, once completed, may significantly limit the area of a community that will be included in the Special Flood Hazard Area (SFHA). Such projects reduce but do not eliminate, the risk of flooding to people and structures in "levee-impacted" areas, and allow mandatory flood insurance to be available at a lower cost.

Zones V, V1-V30: Area of "100-year" flooding in coastal (shore front) areas subject to wave action.

Zone B: Area of moderate flood risk. These are areas between the "100" and "500" year flood-risk levels.

Zones C, D: NOT IN an area of "100-year" flooding. Area of minimal (Zone C) or undetermined (Zone D) flood hazard.

Zones X: An area of minimal flood risk. These are areas outside the "500" year flood-risk level.

Zone X500: An area of moderate flood risk. These are areas between the "100" and "500" year flood-risk levels.

Zone X500_LEVEE: An area of moderate flood risk that is protected from "100-year flood" by levee and that is subject to revision to high risk (Zone A) if levee is decertified by FEMA.

Zone N: Area Not Included, no flood zone designation has been assigned or not participating in the National Flood Insurance Program.

Notice: The Company is not always able to determine if the Property is subject to a FEMA Letter of Map Revision ("LOMR") or other FEMA letters of map change. If Seller is aware that the Property is subject to a LOMR or other letters of map change, the Seller shall disclose the map change and attach a copy of the FEMA letter(s) to the Report. Contact FEMA at <http://msc.fema.gov> for additional information.

For more information about flood zones, visit:

http://www.floodsmart.gov/floodsmart/pages/flooding_flood_risks/defining_flood_risks.jsp

PUBLIC RECORD: Official Flood Insurance Rate Maps ("FIRM") compiled and issued by the Federal Emergency Management Agency ("FEMA") pursuant to 42 United States Code §4001, et seq.

AREA OF POTENTIAL FLOODING (DAM FAILURE)

DISCUSSION: Local governmental agencies, utilities, and owners of certain dams are required to prepare and submit inundation maps for review and approval by the California Office of Emergency Services ("OES"). A property within an Area of Potential Flooding Caused by Dam Failure is subject to potential flooding in the event of a sudden and total dam failure with a full reservoir. Such a failure could result in property damage and/or personal injury. However, dams rarely fail instantaneously and reservoirs are not always filled to capacity. Please note that not all dams (such as federally controlled dams) located within the state have been included within these dam inundation zones. Also these maps do not identify areas of potential flooding resulting from storms or other causes.

PUBLIC RECORD: Official dam inundation maps or digital data thereof made publicly available by the State of California Office of Emergency Services ("OES") pursuant to California Government Code §8589.5.



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VERY HIGH FIRE HAZARD SEVERITY ZONE (VHFHSZ)

DISCUSSION: VHFHSZs can be defined by the California Department of Forestry and Fire Protection ("Calfire") as well as by local fire authorities within "Local Responsibility Areas" where fire suppression is the responsibility of a local fire department. Properties located within VHFHS Zones may have a higher risk for fire damage and, therefore, may be subject to (i) additional construction requirements such as a "Class A" roof for new construction or replacement of existing roofs; and (ii) additional maintenance responsibilities such as adequate vegetation clearance near the structure, spark screens on chimneys and stovepipes, leaf removal from roofs, and other basic fire-safety practices. Contact the local fire department for a complete list of requirements and exceptions.

PUBLIC RECORD: Maps issued by Calfire pursuant to California Government Code § 51178 recommending VHFHSZs to be adopted by the local jurisdiction within its Local Responsibility Area, or VHFHSZs adopted by the local jurisdiction within the statutory 120-day period defined in California Government Code § 51179.

WILDLAND FIRE AREA (STATE RESPONSIBILITY AREA)

DISCUSSION: The State Board of Forestry classifies all lands within the State of California based on various factors such as ground cover, beneficial use of water from watersheds, probable damage from erosion, and fire risks. Fire prevention and suppression in all areas which are not within a Wildland - State Responsibility Area ("WSRA") is primarily the responsibility of the local or federal agencies, as applicable.

For property located within a WSRA, please note that (1) there may be substantial forest fire risks and hazards; (2) except for property located within a county which has assumed responsibility for prevention and suppression of all fires, it is NOT the state's responsibility to provide fire protection services to any building or structure located within a WSRA unless the Department has entered into a cooperative agreement with a local agency; and (3) the property owner may be is subject to (i) additional construction requirements such as a "Class A" roof for new construction or replacement of existing roofs; and (ii) additional maintenance responsibilities such as adequate vegetation clearance near the structure, spark screens on chimneys and stovepipes, leaf removal from roofs, and other basic fire-safety practices.

The existence of local agreements for fire service is not available in the Public Record and, therefore, is not included in this disclosure. For very isolated properties with no local fire services or only seasonal fire services there may be significant fire risk. If the Property is located within a WSRA, please contact the local fire department for more detailed information.

PUBLIC RECORD: Official maps issued by the California Department of Forestry and Fire Protection ("Calfire") pursuant to California Public Resources Code § 4125.

SRA Fire Prevention Benefit Fee Advisory

In 2011, the California Legislature and Governor enacted a "Fire Prevention Fee" on habitable structures in the State's wildland fire responsibility area. The yearly fee, levied on property owners, paid for various activities to prevent and suppress wildfires in the SRA, and was most recently at the rate of \$152.33 per habitable structure on the property.

Effective July 1, 2017, as authorized by Assembly Bill 398 and signed by the Governor, that fire prevention fee is suspended until 2031.

For more information, please refer to "Part 6. State Responsibility Area Fire Prevention Fee" in the FANHD Property Tax Report.



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EARTHQUAKE FAULT ZONE

DISCUSSION: Earthquake Fault Zones are delineated and adopted by California as part of the Alquist-Priolo Earthquake Fault Zone Act of 1972. Property in an Earthquake Fault Zone ("EF Zone") does not necessarily have a fault trace existing on the site. EF Zones are areas or bands delineated on both sides of known active earthquake faults. EF Zones vary in width but average one-quarter (1/4) mile in width with the "typical" zone boundaries set back approximately 660 feet on either side of the fault trace. The potential for "fault rupture" damage (ground cracking along the fault trace) is relatively high only if a structure is located directly on a fault trace. If a structure is not on a fault trace, shaking will be the primary effect of an earthquake. During a major earthquake, shaking will be strong in the vicinity of the fault and may be strong at some distance from the fault depending on soil and bedrock conditions. It is generally accepted that properly constructed wood-frame houses are resistant to shaking damage.

PUBLIC RECORD: Official earthquake fault zone or special study zone maps approved by the State Geologist and issued by the California Department of Conservation, California Geological Survey pursuant to California Public Resources Code §2622.

SEISMIC HAZARD MAPPING ACT ZONE

DISCUSSION: Official Seismic Hazard Zone ("SH Zone") maps delineate Areas of Potential Liquefaction and Areas of Earthquake-Induced Landsliding. A property that lies partially or entirely within a designated SH Zone may be subject to requirements for site-specific geologic studies and mitigation before any new or additional construction may take place.

Earthquake-Induced Landslide Hazard Zones are areas where the potential for earthquake-induced landslides is relatively high. Areas most susceptible to these landslides are steep slopes in poorly cemented or highly fractured rocks, areas underlain by loose, weak soils, and areas on or adjacent to existing landslide deposits. The CGS cautions these maps do not capture all potential earthquake-induced landslide hazards and that earthquake-induced ground failures are not addressed by these maps. Furthermore, no effort has been made to map potential run-out areas of triggered landslides. It is possible that such run-out areas may extend beyond the zone boundaries. An earthquake capable of causing liquefaction or triggering a landslide may not uniformly affect all areas within a SH Zone.

Liquefaction Hazard Zones are areas where there is a potential for, or an historic occurrence of liquefaction. Liquefaction is a soil phenomenon that can occur when loose, water saturated granular sediment within 40 feet of the ground surface, are shaken in a significant earthquake. The soil temporarily becomes liquid-like and structures may settle unevenly. The Public Record is intended to identify areas with a relatively high potential for liquefaction but not to predict the amount or direction of liquefaction-related ground displacement, nor the amount of damage caused by liquefaction. The many factors that control ground failure resulting from liquefaction must be evaluated on a site specific basis.

PUBLIC RECORD: Official seismic hazard maps or digital data thereof approved by the State Geologist and issued by the California Department of Conservation, California Geological Survey pursuant to California Public Resources Code §2696.

STATUTORY NATURAL HAZARD DISCLOSURE REPORTING STANDARD: "IN" shall be reported if any portion of the Property is located within any of the above zones as delineated in the Public Record. "NOT IN" shall be reported if no portion of the Property is located within any of the above zones as delineated in the Public Record. Map Not Available shall be reported in areas not yet evaluated by the governing agency according to the Public Record. Please note that "MAP NOT AVAILABLE" will be applicable to most portions of the state. Official Seismic Hazard Zone ("SH Zone") maps delineate Areas of Potential Liquefaction and Areas of Earthquake-Induced Landsliding.



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Part 2. County and City Defined Natural Hazard Zones

HAZARD MAPS IN THE LOCAL GENERAL PLAN

General Plan regulates property development. There are currently over 530 incorporated cities and counties in California. The state Government Code (Sections 65000 et seq.) requires each of those jurisdictions to adopt a comprehensive, long-term "General Plan" for its physical development. That General Plan regulates land uses within the local jurisdiction in order to protect the public from hazards in the environment and conserve local natural resources. The General Plan is the official city or county policy regarding the location of housing, business, industry, roads, parks, and other land uses.

Municipal hazard zones can affect the cost of ownership. Each county and city adopts its own distinct General Plan according to that jurisdiction's unique vegetation, landscape, terrain, and other geographic and geologic conditions. The "Safety Element" (or Seismic Safety Element) of that General Plan identifies the constraints of earthquake fault, landslide, flood, fire and other natural hazards on local land use, and it delineates hazard zones within which private property improvements may be regulated through the building-permit approval process, which can affect the future cost of ownership. Those locally regulated hazard zones are in addition to the federal and state defined hazard zones associated with statutory disclosures in the preceding section.

City and/or County natural hazard zones explained below. Unless otherwise specified, only those officially adopted Safety Element or Seismic Safety Element maps (or digital data thereof) which are publicly available, are of a scale, resolution, and quality that readily enable parcel-specific hazard determinations, and are consistent in character with those statutory federal or state disclosures will be considered for eligible for use as the basis for county- or city-level disclosures set forth in this Report. Please also note:

- If an officially adopted Safety Element or Seismic Safety Element map relies on data which is redundant of that used for state-level disclosures, this Report will indicate so and advise Report recipients to refer to the state-level hazard discussion section for more information.
- If an officially adopted Safety Element or Seismic Safety Element cites underlying maps created by another agency, those maps may be regarded as incorporated by reference and may be used as the basis for parcel-specific determinations if those maps meet the criteria set forth in this section.
- Because county- and city-level maps are developed independently and do not necessarily define or delineate a given hazard the same way, the boundaries for the "same" hazard may be different.

If one or more maps contained in the Safety Element and/or Seismic Safety Element of an officially adopted General Plan are used as the basis for local disclosure, those maps will appear under the "Public Record(s) Searched" for that county or city.

REPORTING STANDARDS

A good faith effort has been made to disclose all hazard features on pertinent Safety Element and Seismic Safety Element maps with well-defined boundaries; however, those hazards with boundaries that are not delineated will be deemed not suitable for parcel-specific hazard determinations. Some map features, such as lines drawn to represent the location of a fault trace, may be buffered to create a zone to facilitate disclosure. Those map features which can not be readily distinguished from those representing hazards may be included to prevent an omission of a hazard feature. If the width of a hazard zone boundary is in question, "IN" will be reported if that boundary impacts any portion of a property. Further explanations concerning specific map features peculiar to a given county or city will appear under the "Reporting Standards" for that jurisdiction.

PUBLIC RECORDS VS. ON-SITE EVALUATIONS

Mapped hazard zones represent evaluations of generalized hazard information. Any specific site within a mapped zone could be at less or more relative risk than is indicated by the zone designation. A site-specific evaluation conducted by a geotechnical consultant or other qualified professional may provide more detailed and definitive information about the Property and any conditions which may or do affect it.

PROPERTY USE AND PERMITTING

No maps beyond those identified as "Public Record(s)" have been consulted for the purpose of these local disclosures. These disclosures are intended solely to make Report recipient(s) aware of the presence of mapped hazards. For this reason -- and because local authorities may use on these or additional maps or data differently to determine property-specific land use and permitting approvals -- Report recipients are advised to contact the appropriate local agency, usually Community Development, Planning, and/or Building, prior to the transaction to ascertain if these or any other conditions or related regulations may impact the Property use or improvement.



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ORANGE COUNTY GEOLOGIC ZONES DISCUSSION

PUBLIC RECORD(S) SEARCHED: The following Public Records, incorporated by reference into the Safety Element of the General Plan as adopted by the County Board of Supervisors in 2000, is utilized for those county-level disclosures below: "Environmental Geology of Orange County," a map series prepared by California Geological Survey, Open-File Report 79-8 L.A.

FAULT

- **Active faults (Alquist-Priolo Earthquake Fault Zone):** These faults have evidence of displacement during the most recent epoch of geologic time, the Holocene epoch, generally considered to have begun about 11,000 years ago.
- **Potentially active faults:** These faults show activity within the past 2 million years but show no evidence of movement within the past 11,000 years
- **Inactive faults:** Faults which show no evidence of movement during the past two million years and show no potential for movement in the future.

Reporting Standards: If any portion of the Property is situated within one-eighth of one mile (660 feet) of a fault trace as delineated in the Public Record, "WITHIN" shall be reported.

DEBRIS FLOW, MUD FLOW, AND ROCKFALL

Areas of potential mud and/or debris flow may occur during periods of exceptionally high rainfall. Rockfall zones may experience falling rocks during periods of exceptionally high rainfall or seismic shaking.

Reporting Standards: If any portion of the Property is within a Mud Flow Zone as delineated in the Public Record, "IN" shall be reported. If any portion of the Property is within a Rockfall Zone as delineated in the Public Record, "IN" shall be reported.

LIQUEFACTION POTENTIAL

Liquefaction is a liquid-like condition of the soil which sometimes occurs during earthquake shaking where the ground water level is close to the surface and the subsurface materials are loose and cohesionless (such as sandy soil). These factors have the potential to combine to produce liquefaction in local areas.

Reporting Standards: If any portion of the Property is within a Liquefaction Zone as delineated in the Public Record, "IN" shall be reported.

SEISMIC SHAKING

Several seismic zones have been defined by Orange County to separate areas having varying responses to earthquake shaking. The zones were defined utilizing a variety of geologic, hydrologic and slope gradient information, but by necessity, have been generalized. Any single property within a Seismic Zone could be at less or more relative risk than is indicated by the zone designation. If site-specific information regarding seismic hazards is desired, this company recommends that a geotechnical consultant be retained to study the site.

- **Seismic Shaking Zone A:** Zone A represents areas of least earthquake shaking. The maximum expected damage to modern construction due to shaking is expected to be minor to moderate in this zone.
- **Seismic Shaking Zone B:** Zone B represents areas of intermediate earthquake shaking. The maximum expected damage to modern construction due to shaking is expected to be moderate in this zone.
- **Seismic Shaking Zone C:** These are areas of high geologic hazard only if strong earthquake shaking produces liquefaction.

Reporting Standards: If any portion of the Property is within a Seismic Shaking Zone as delineated in the Public Record, only the more/most severe shall be reported.

TSUNAMI

This area has been designated as a zone of moderate risk for tsunami (seismic sea wave or "tidal wave ") run-up. Properties in a tsunami zone may be inundated with waves which recur on the average of once every 100 years.

Reporting Standards: If any portion of the Property is within a Tsunami Run-up Zone as delineated in the Public Record, "IN" shall be reported.

LANDSLIDE / SLOPE STABILITY ZONES

The relative slope stability zones represent average slope stability conditions. This Report discloses Slope Stability Zone for conditions under seismic (earthquake) conditions, not aseismic (normal) conditions, as detailed in the Public Record.

- **Zone 1: Very low potential** for massive bedrock landslides under normal and seismic/earthquake conditions.
- **Zone 2: Moderately low potential** for massive bedrock landslides under seismic/earthquake conditions.
- **Zone 3: Moderately high potential** under seismic/earthquake conditions with a greater slope failure risk during earthquakes if the slope gradient is greater than 20% and the slope is underlain by relatively weak bedrock or weak soil materials.
- **Zone 4: High potential** for massive bedrock landslides under seismic/earthquake conditions.
- **Zones 5 and 6: Very high potential** for massive bedrock landslides under seismic/earthquake conditions.



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- **Zone W:** Coastal areas which have unstable slopes resulting from periodic wave erosion. Please note that the boundaries of this Slope Stability Area W are not defined in a manner suitable for definitive parcel-specific disclosure; therefore, this zone is not disclosed in this Report.

Reporting Standards: "Very High, High, or Moderate" shall be reported if any portion of the Property is within Slope Stability Zone 3, 4, 5, or 6. "Moderately Low or Low" shall be reported in the Property is completely within Slope Stability Zone 1 or 2.

EXPANSIVE SOILS

Expansive soils occur throughout much of Orange County. These areas are subject to the seasonal shrink-swell cycles of soils, as well as slope yielding if locally on a slope. Three possible conditions related to expansive soils exist in the County.

- **Differential Swell** is the uneven tilting or lifting of a structure by the greater expansion of thicker soils on one side of the structure.
- **Concentric Swell** is caused by the migration of water toward the center of a structure, causing expansion of the soils, and lifting of the center of the structure.
- **Slope Yielding** is a slow down slope movement of soils, causing tilting of the foundation of a structure. Experts agree that no residence is completely safe from cracking, slipping or sinking to some degree.

Expansive soil problems can be mitigated, in most cases, through structural and design modifications and, in some cases, through soil treatment techniques. Mapped areas of expansive soils are identified as:

- **Areas of Man Made Land with Extremely Variable Expansivity Potential**
- **Areas of High Expansivity Potential**
- **Areas of Tidal Flats with Highly Variable Expansivity or Shrink Potential**
- **Areas of Moderate Expansivity Potential**
- **Areas of Low Expansivity Potential**

Reporting Standards: If any portion of the Property is within an area of Low, Moderate, or High Expansivity Potential or is within a Tidal Flat as delineated in the Public Record, "IN" shall be reported for the more/most severe condition.



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CITY OF COSTA MESA GEOLOGIC DISCUSSION

PUBLIC RECORD(S) SEARCHED: The following Public Record(s), contained in the Safety Element of the City of Costa Mesa General Plan 2015-2035 as officially adopted in 2016, are used for the city-level disclosure(s) below: "Figure S-4: Local Seismic Hazards" and "Figure S-7: Tsunami and Sea Level Rise Hazard Areas".

FAULT

The Public Record states that five regional major faults – the Newport-Inglewood, San Joaquin Hills, Whittier, San Andreas, and San Jacinto - present a seismic hazard to the City. Other faults, which pose a lesser seismic hazard to the City due to their localized extent, are identified as the El Modeno, Norwalk, Palos Verdes, 4-S Ranch, and Aliso Faults. The Newport-Inglewood Rose Canyon Fault Zone is seismically active and is approximately 3.5 miles wide within the City. The San Joaquin Hills Fault is a recently discovered blind thrust fault originating near the southern end of the Newport-Inglewood Fault near Huntington Beach at the western margins of the San Joaquin Hills. The Whittier Fault, San Andreas Fault, and San Jacinto Fault are approximately 20 miles, 48 miles, and 44 miles from Costa Mesa, respectively.

Reporting Standards: California's Alquist-Priolo Fault Zone Act (1972) established a standard for the width of a regulatory fault zone -- one-eighth of one mile on both sides of an active fault trace. For city-level reporting purposes, "WITHIN" shall be reported if any portion of the Property is located within one-eighth of one mile (660 feet) of an unzoned "Potentially Active Fault" as delineated in the Public Record. "NOT WITHIN" shall be reported if no portion of the Property is located within one-eighth of one mile of an unzoned Potentially Active Fault as delineated in the Public Record.

TSUNAMI

Costa Mesa is three-quarters of one mile inland from the Pacific Ocean at elevations ranging from 30 to 100 feet above sea level. The southern portion of the City sits on bluffs overlooking Newport Beach. Consequently the potential for tsunamis is negligible; however, areas located along the Santa Ana River Channel may be susceptible to the effects of tsunamis that travel up river. NOTE: The Public Record is based largely upon "Tsunami Inundation Map[s] for Emergency Planning" produced jointly by the California Emergency Management Agency (CalEMA), University of Southern California (USC), and California Geological Survey (CGS). That cited source explicitly states, "This map, and the information presented herein, is not a legal document and does not meet disclosure requirements for real estate transactions nor for any other regulatory purpose." Though not delineated on final tsunami maps produced by CalEMA, USC, and CGS, the boundary delineated in the Public Record as "Tsunami Hazard Zone" is included as part of this disclosure.

Reporting Standards: "IN" shall be reported if any portion of the Property is within a mapped "Tsunami Hazard Zone" as delineated in the Public Record. "NOT IN" shall be reported if no portion of the Property is within a mapped "Tsunami Hazard Zone" as delineated in the Public Record.

SEA LEVEL RISE

According to the Public Record, scientific data strongly suggests that long-term changes in the Earth's climate over the next century and beyond will lead to the possibility of rises in sea levels around the world. In Southern California sea level rise could result in increased flooding in low-lying areas along the shoreline, water infiltration into the sanitary sewer and storm drain systems that outlet into or near the Pacific Ocean, and an increase in storm drain back-ups. All of these effects could result in more frequent and extensive flooding. Given Costa Mesa's location near the coast and along the Santa Ana River, the City could be expected to experience the effects of sea level rise. The Public Record delineates areas along the Santa Ana River which may be inundation by unimpeded Pacific Ocean water by the year 2100.

Reporting Standards: "IN" shall be reported if any portion of the Property is within a mapped area of "Sea Level Rise Impact" as delineated in the Public Record. "NOT IN" shall be reported if no portion of the Property is within the mapped area of "Sea Level Rise Impact" as delineated in the Public Record. Digital data of these Impact Areas obtained from the cited data source, the Pacific Institute, is used as the basis for this disclosure.

OTHER HAZARDS

"Figure S-3: Regional Faults" is a regional map that is not of a usable scale for parcel-specific disclosure; however, the location of the "Potentially Active Faults" as depicted are consistent with those depicted in "Figure S-4: Local Seismic Hazards". The "Seismic Hazards – Earthquake Induced" depicted in "Figure S-4: Local Seismic Hazards" are redundant of those Areas of Potential Liquefaction and Earthquake-Induced Landsliding already subject to statutory disclosure. For more information please refer to the state-level Seismic Hazard discussion in the preceding section of this Report. The "Flood Zones" depicted in "Figure S-5: Local Flooding Hazards" are based upon official FEMA DFIRM data current as of 2009 but which may be subject to change. For the most current FEMA Flood Zone information subject to statutory disclosure please refer to the state-level Special Flood Hazard Areas discussion in the preceding section of this Report. The "Inundation Areas – Potential Flooding Due to Dam Failure" depicted in "Figure S-6: Dam Inundation Areas" as depicted for Santiago Creek and Prado Dam are redundant of those already subject to statutory disclosure. For the more information please refer to the state-level Areas of Potential Flooding (Dam Inundation) discussion in the preceding section of this Report.

The following natural hazards are discussed but are not mapped in the Safety Element of the City of Costa Mesa General Plan Update:



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GROUND SHAKING

Ground shaking is the phenomenon most often associated with seismic activity. The intensity of ground shaking and relative earthquake damage are heightened with earthquake magnitude, proximity to faults, and the presence of deeper soft soils below the ground surface. The intensity of an earthquake is measured, or expressed, in terms of two scales: the Richter scale and the Modified Mercalli Intensity scale. The Richter scale measures the strength of an earthquake and assigns it a magnitude number using a base-10 logarithmic scale. For example, a magnitude 5.0 earthquake would result in 10 times the level of ground shaking as a magnitude 4.0 earthquake. The Modified Mercalli Intensity scale describes the intensity of an earthquake in terms of observable impacts, ranging from I (Not Felt) to XII (Extreme). The effects of ground shaking in Costa Mesa will vary depending upon the distance of a seismic event relative to the City. Ground shaking from distant events (more than 40 miles away) will be of a different nature than events that occur within 10 miles. In addition, the duration of strong potential ground shaking is another importance factor related to seismic activity.

Reporting Standards: No determination is reported because the Public Record does not include a map which delineates the boundaries for this hazard within the City Limit.

DIFFERENTIAL COMPACTION OR SETTLEMENT

Differential ground settlement is caused by earthquake ground shaking and is potentially damaging to structures and underground utilities. Differential settlement may occur in sediments where differences in densities in adjacent materials leads to different degrees of compaction during ground shaking. Post-earthquake differential settlement may occur within the known peat deposits located within the City. These deposits are located adjacent to the Santa Ana River and in the vicinity of Upper Newport Bay. The size of these deposits in Costa Mesa is not sufficient to justify extraction; however, peat does provide an unstable base for construction and must be removed prior to development.

Reporting Standards: No determination is reported because the Public Record does not include a map which delineates the boundaries for this hazard within the City Limit.

GROUND CRACKING, GROUND LURCHING, LATERAL SPREADING, AND SLOPE STABILITY

Most often associated with liquefaction, ground lurching and cracking are caused by moderate to strong ground shaking. Typically, the potential for ground cracking exists within areas of Costa Mesa that have moderate to high potential for liquefaction and in regions of known peat deposits. The conditions for ground lurching and lateral spreading may be present along the bluffs adjacent to the Santa Ana River and Newport Bay. Slope stability hazards include landslides, rock falls, mudslides, and avalanches. Since local topography consists of generally flat to gently sloping terrain, the potential for these hazards is minimal. Even so, the potential for earth movement exists during strong ground shaking along the bluffs along the south portion of the City.

Reporting Standards: No determination is reported because the Public Record does not include a map which delineates the boundaries for this hazard within the City Limit.

SEICHES

Seiches are standing waves in enclosed or partially enclosed bodies of water, such as lakes and bays. Seiche may be caused by earthquakes, high winds, or tides. The absence of any large bodies of water within Costa Mesa and the location of high bluffs adjacent to Newport Bay reduce the possibility of damage from seiche effects.

Reporting Standards: No determination is reported because the Public Record does not include a map which delineates the boundaries for this hazard within the City Limit.

FIRE

The fire hazard severity of an area is determined based on the type and amount of vegetation (termed "fuel loading"), slope gradient, and weather. Fire hazards increase in the summer and fall when the weather is hot and dry – and especially when Santa Ana wind conditions occur. Areas identified as having a fire hazard are referred to as State Responsibility Areas (SRAs) because the State has the primary financial responsibility of preventing and suppressing fires. The agency responsible for fire suppression in SRAs is the Department of Forestry and Fire Protection (Cal Fire). No part of Costa Mesa is listed as an SRA or located within the Very High Fire Hazard Severity Zone. Thus, urban fires and grassland fires within open space areas such as Talbert Regional Park represent the only fire risks in the City.

Reporting Standards: No determination is reported because the Public Record does not include a map which delineates the boundaries for this hazard within the City Limit.

END OF LOCAL AREA DISCLOSURES AND DISCUSSIONS SECTION



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Part 3. Additional Property Specific Disclosures

FORMER MILITARY ORDNANCE SITE DISCLOSURE

DISCUSSION: Former Military Ordnance (FUD) sites can include sites with common industrial waste (such as fuels), ordnance or other warfare materiel, unsafe structures to be demolished, or debris for removal. California Civil Code Section 1102 requires disclosure of those sites containing unexploded ordnance. "Military ordnance" is any kind of munitions, explosive device/material or chemical agent used in military weapons. Unexploded ordnance are munitions that did not detonate. NOTE: **MOST** FUD sites do not contain unexploded ordnance. Only those FUD sites that the U.S. Army Corps of Engineers (USACE) has identified to contain Military Ordnance or have mitigation projects planned for them are disclosed in this Report. Additional sites may be added as military installations are released under the Federal Base Realignment and Closure (BRAC) Act. Active military sites are NOT included on the FUD site list.

PUBLIC RECORD: Data contained in Inventory Project Reports, Archives Search Reports, and related materials produced for, and made publicly available in conjunction with, the Defense Environmental Restoration Program for Formerly Used Defense Sites by the U.S. Army Corps of Engineers. Sites for which no map has been made publicly available shall not be disclosed.

REPORTING STANDARD: If one or more facility identified in the Public Record is situated within a one (1) mile radius of the Property, "WITHIN" shall be reported. The name of that facility or facilities shall also be reported.

COMMERCIAL OR INDUSTRIAL ZONING DISCLOSURE

DISCUSSION: The seller of real property who has actual knowledge that the property is affected by or zoned to allow commercial or industrial use described in Section 731a of the Code of Civil Procedure shall give written notice of that knowledge to purchasers as soon as practicable before transfer of title (California Civil Code Section 1102.17). The Code of Civil Procedure Section 731a defines industrial use as areas in which a city and/or county has established zones or districts under authority of law wherein certain manufacturing or commercial or airport uses are expressly permitted. The "Zoning Disclosure" made in this Report DOES NOT purport to determine whether the subject property is or is not affected by a commercial or industrial zone. As stated above, that determination is based solely upon ACTUAL KNOWLEDGE of the seller of the subject property.

In an effort to help determine areas where this may be applicable, this disclosure identifies if a property exists within one mile of the seller's property that is zoned to allow for commercial or industrial use. Very commonly, a home will have in its vicinity one or more properties that are zoned for commercial or industrial use such as restaurants, gasoline stations, convenience stores, golf courses, country club etc.

PUBLIC RECORD: Based on publicly-available hardcopy and/or digital zoning and land use records for California cities and counties.

REPORTING STANDARD: If one or more property identified in the Public Record as "commercial," "industrial," or "mixed use" is situated within a one (1) mile radius of the Property, "WITHIN" shall be reported. Please note that an airport facility that may be classified as public use facility in the Public Record will be reported as "commercial/industrial" in this disclosure.



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AIRPORT INFLUENCE AREA DISCLOSURE

DISCUSSION:

If any portion of the Property is in either an officially designated "airport influence area" ("AIA") or a two mile radius of a qualifying facility for which an AIA has not yet been officially designated, the following Notice is required:

NOTICE OF AIRPORT IN VICINITY

If this property is presently located in the vicinity of an airport, as identified in the determination section of this Report, within what is known as an airport influence area...the property may be subject to some of the annoyances or inconveniences associated with proximity to airport operations (for example: noise, vibration, or odors). Individual sensitivities to those annoyances can vary from person to person. In that case, you may wish to consider what airport annoyances, if any, are associated with the property before you complete your purchase and determine whether they are acceptable (California Civil Code, Section 1103.4).

Certain airports are not disclosed in this Report. FANHD has made a good faith effort to identify the airports covered under Section 1102.6a. Sources consulted include official land use maps and/or digital data made available by a governing Airport Land Use Commission (ALUC) or other designated government body. Most facilities for which an Airport Influence Area has been designated are included on the "California Airports List" maintained by the California Department of Transportation's Division of Aeronautics. Not disclosed in this Report are public use airports that are not in the "California Airports List", airports that are physically located outside California, heliports and seaplane bases that do not have regularly scheduled commercial service, and private airports or military air facilities unless specifically identified in the "California Airports List". **If the seller has actual knowledge of an airport in the vicinity of the subject property that is not disclosed in this Report, and that is material to the transaction, the seller should disclose this actual knowledge in writing to the buyer.**

Most facilities for which an Airport Influence Area has been designated are included on the "California Airports List" maintained by the California Department of Transportation's Division of Aeronautics. The inclusion of military and private airports varies by County, and heliports and seaplane bases are not included, therefore, airports in these categories may or may not be included in this disclosure.

NOTE: Proximity to an airport does not necessarily mean that the property is exposed to significant aviation noise levels. Alternatively, there may be properties exposed to aviation noise that are greater than two miles from an airport. Factors that affect the level of aviation noise include weather, aircraft type and size, frequency of aircraft operations, airport layout, flight patterns or nighttime operations. Buyer should be aware that aviation noise levels can vary seasonally or change if airport usage changes.

PUBLIC RECORD: Based on officially adopted land use maps and/or digital data made publicly available by the governing ALUC or other designated government body. If the ALUC or other designated government body has not made publicly available a current officially adopted airport influence area map, then California law states that "a written disclosure of an airport within two (2) statute miles shall be deemed to satisfy any city or county requirements for the disclosure of airports in connection with transfers of real property."

REPORTING STANDARD: "IN" shall be reported along with the facility name(s) and the "Notice of Airport in Vicinity" if any portion of the Property is situated within either (a) an Airport Influence Area as designated on officially adopted maps or digital data or (b) a two (2) mile radius of a qualifying facility for which an official Airport Influence Area map or digital data has not been made publicly available by the ALUC or other designated governing body. "NOT IN" shall be reported if no portion of the Property is within either area.



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AIRPORT NOISE DISCLOSURE

DISCUSSION: California Civil Code §1102.17 requires the seller(s) of residential real property who has/have actual knowledge that the property in the transaction is affected by airport use must give written notice of that knowledge, as soon as practicable, before transfer of title.

Under the Federal Aviation Administration's *Airport Noise Compatibility Planning Program Part 150*, certain 65 decibel (dB) Community Noise Equivalent Level (CNEL) contour maps have been produced for some airports. Not all airports have produced noise exposure maps. A property may be near or at some distance from an airport and not be within a delineated noise exposure area, but still experience aviation noise. Unless 65dB CNEL contour maps are published, helipads and military sites are not included in this section of the Report.

The *Airport Noise Compatibility Planning Program* is voluntary and not all airports have elected to participate. Furthermore, not all property in the vicinity of an airport is exposed to 65dB CNEL or greater average aviation noise levels. Conversely a property may be at some distance from an airport and still experience aviation noise. Buyer should be aware that aviation noise levels can vary seasonally or change if airport usage changes after a map is published or after the Report Date. FANHD uses the most seasonally conservative noise exposures provided.

Federal funding may be available to help airports implement noise reduction programs. Such programs vary and may include purchasing properties, rezoning, and insulating homes for sound within 65dB areas delineated on CNEL maps. Airport owners have also cooperated by imposing airport use restrictions that include curfews, modifying flight paths, and aircraft limitations.

PUBLIC RECORD: Certain 65 decibel (dB) Community Noise Equivalent Level (CNEL) contour maps produced under the Federal Aviation Administration's *Airport Noise Compatibility Planning Program Part 150*.

REPORTING STANDARD: "IN" shall be reported if any portion of the Property is situated within a 65 decibel Community Noise Equivalent Level contour identified in the Public Record. "NOT IN" shall be reported if no portion of the Property is situated within a 65 decibel Community Noise Equivalent Level contour identified in the Public Record.



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CALIFORNIA ENERGY COMMISSION DUCT SEALING & TESTING REQUIREMENT

DISCUSSION: According to the California Energy Commission ("CEC") most California homes have improperly sealed central air conditioning and heating system ducts such that approximately 30 percent of the conditioned air actually leaks outside the home.

Effective July 1, 2014, in order to combat this waste of energy and money, the CEC updated its residential duct sealing and testing requirements in the 2013 Building Energy Efficiency Standards (Title 24). Previously, such duct sealing and testing was required only in certain CEC-designated climate zones when a central air conditioner or furnace is installed or replaced. **The revised standards now make duct sealing and testing mandatory in all California climate zones when such a system is installed or replaced.** Ducts found to leak more than 15 percent or more must be repaired. Once a contractor tests and fixes these ducts, you must have an approved third-party verifier determine that the ducts have been properly sealed. The CEC cautions homeowners that a contractor who fails to obtain a required building permit and fails to test and repair your ducts "is violating the law and exposing you to additional costs and liability." If you do not obtain a permit, you may be required to bring your home into compliance with code requirements for that work and may incur additional penalties and fines that have to be paid prior to selling your home. Remember that you have a duty to disclose whether you obtained required permits for work performed to prospective Buyers and appraisers. Local governments may mandate more stringent requirements.

Please note there are specific alternatives that allow high efficiency equipment and added duct insulation to be installed instead of fixing duct leaks. Please also be advised that there are separate regulations which govern duct insulation levels required by climate zone and HVAC system.

For more information please contact the California Energy Commission or visit the official CEC "2013 Building Energy Efficiency Standards" portal at: <http://www.energy.ca.gov/title24/2013standards/index.html>

PUBLIC RECORD: 2013 Building Energy Efficiency Standards (Title 24).

REPORTING STANDARD: "WITHIN" shall be reported regardless of CEC-designated climate zone pursuant to the revised Title 24 Standards.

COOLING AND HEATING ENERGY-EFFICIENCY ADVISORY

Effective January 1, 2015, new federal energy-efficiency standards apply to the repair and replacement of residential heating, ventilation and air conditioning ("HVAC") systems. The new standards raise the minimum efficiency requirements for air conditioning systems and certain types of heating systems. Energy efficiency is measured by the Seasonal Energy Efficiency Ratio ("SEER"), which compares the amount of cooling (or heating) output by an HVAC system to the amount of energy (electricity or gas) input over its operating season. The higher the system's SEER value, the more energy-efficient it is and the lower the unit cost of cooling (or heating) a home.

For the first time, federal minimum-efficiency standards will vary by region. Prior to 2015 one standard, called SEER 13, applied nationwide. Now, in California, Nevada, Arizona and New Mexico (the Southwestern Region), SEER 13 has been replaced by the more efficient SEER 14 standard. In the Southwestern Region the new rule allows repairs to existing SEER 13-compliant systems. However, in many cases a full system replacement (both the indoor and outdoor unit) will be necessary to make the system compatible, and replacement is allowed only with a SEER 14-compliant unit. The higher standard may increase the replacement cost to the property owner because the SEER 14 efficiency improvements require increased complexity of the new equipment, and the SEER 14 units may not fit in the existing space, requiring structural modifications at the owner's expense. In some cases the SEER 14 standard could double the cost of replacement over the earlier replacement cost. For applicable details and codes, see the California Energy Commission web page at: http://www.energy.ca.gov/title24/2013standards/residential_manual.html (The new federal standards go into effect on January 1, 2015, which is six months after the July 1, 2014, effective date of the 2013 Standards.)



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STATEWIDE RIGHT TO FARM DISCLOSURE

DISCUSSION:

If the property is presently located within one mile of a parcel of real property designated as "Prime Farmland," "Farmland of Statewide Importance," "Unique Farmland," "Farmland of Local Importance," or "Grazing Land" on the most current "Important Farmland Map" issued by the California Department of Conservation, Division of Land Resource Protection, the following notice is required:

NOTICE OF RIGHT TO FARM

This property is located within one mile of a farm or ranch land designated on the current county-level GIS "Important Farmland Map," issued by the California Department of Conservation, Division of Land Resource Protection. Accordingly, the property may be subject to inconveniences or discomforts resulting from agricultural operations that are a normal and necessary aspect of living in a community with a strong rural character and a healthy agricultural sector. Customary agricultural practices in farm operations may include, but are not limited to, noise, odors, dust, light, insects, the operation of pumps and machinery, the storage and disposal of manure, bee pollination, and the ground or aerial application of fertilizers, pesticides, and herbicides. These agricultural practices may occur at any time during the 24-hour day. Individual sensitivities to those practices can vary from person to person. You may wish to consider the impacts of such agricultural practices before you complete your purchase. Please be advised that you may be barred from obtaining legal remedies against agricultural practices conducted in a manner consistent with proper and accepted customs and standards pursuant to Section 3482.5 of the Civil Code or any pertinent local ordinance.

California has a "Right to Farm Act" (Civil Code Section 3482.5) to protect farming operations. When agricultural land within the State's agricultural areas is bought and sold, the purchasers are often not made aware of the fact that there are right-to-farm laws. This has led to confusion and a misunderstanding of the actual uses of the land or uses of the surrounding agricultural lands.

In 2008 the State of California enacted Assembly Bill 2881 to limit the exposure of farmers to nuisance lawsuits by homeowners in neighboring developments. The mechanism of this bill is a formal notification of the Buyer, through a "Notice of Right to Farm" in an expert disclosure report that advises the Buyer if the subject property is within one mile of farmland as defined in the bill.

If the seller has actual knowledge of an agricultural operation in the vicinity of the subject property that is not disclosed in this Report, and that is material to the transaction, the seller should disclose this actual knowledge in writing to the Buyer.

PUBLIC RECORD: Based on the most current available version of the "Important Farmland Map" issued by the California Department of Conservation, Division of Land Resource Protection, utilizing solely the county-level GIS map data, if any, available on the Division's Farmland Mapping and Monitoring Program website, pursuant to Section 11010 of the Business and Professions Code, and Section 1103.4 of the California Civil Code.

REPORTING STANDARD: "IN" shall be reported and the "Notice of Right to Farm" provided if any portion of the Property is situated within, or within one mile of, a parcel of real property designated as "Prime Farmland," "Farmland of Statewide Importance," "Unique Farmland," "Farmland of Local Importance," or "Grazing Land" in the public record. "NOT IN" shall be reported if no portion of the Property is within that area.

Some counties, or parts thereof, are not included in the Public Record because they have not been mapped for farmland parcels under this State program. Typically, this is because the county area is public land and not planned for incorporation, or, in the case of San Francisco, the county is entirely incorporated. In those instances, we report "Map Not Available" above, or "Map N/A" in the table of summary determinations at the beginning of this Report.



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NOTICE OF MINING OPERATIONS DISCLOSURE

If the Property has been determined to be located within one (1) mile of a reported mining operation(s), the following notice is provided as mandated by California law:

NOTICE OF MINING OPERATIONS

This property is located within one mile of a mine operation for which the mine owner or operator has reported mine location data to the Department of Conservation pursuant to Section 2207 of the Public Resources Code. Accordingly, the property may be subject to inconveniences resulting from mining operations. You may wish to consider the impacts of these practices before you complete your transaction.

DISCUSSION: Historically mining operations have been located in remote areas. However, increasing urbanization has resulted in some residential projects being developed near existing mining operations.

California Public Resources Code §2207 requires owners and operators of mining operations to provide annually specific information to the California Department of Conservation ("DOC"), including but not limited to, (i) ownership and contact information, and (ii) the latitude, longitude, and approximate boundaries of the mining operation marked on a specific United States Geological Survey map. The Office of Mining Reclamation ("OMR") is a division of the DOC. Using the mandatory data specified above, OMR provides map coordinate data that can be used by GIS systems to create points representing mine locations ("OMR Maps"). For more information please visit OMR's Mines OnLine Map Viewer (<http://maps.conservation.ca.gov/mol/index.html>).

Effective January 1, 2012, California Civil Code §1103.4 requires the seller of residential property to disclose to a Buyer if the residential property is located with one (1) mile of mining operations as specified on OMR Maps.

Special Notes:

1. This statutory disclosure does not rely on the OMR's "AB 3098 List," a list of mines regulated under the Surface Mining and Reclamation Act of 1975 ("SMARA") that meet provisions set forth under California Public Resources Code §2717(b). The AB 3098 List does not include map coordinate data as required under California Public Resources Code §2207 and may not include all mining operations subject to the "Notice of Mining Operations" disclosure.

2. This "Notice of Mining Operations" disclosure is not satisfied by disclosing abandoned mines. An abandoned mine is NOT an operating mine. California Civil Code §1103.4 is satisfied only by disclosing based on OMR Maps.

PUBLIC RECORD: Mining operations as provided on OMR Maps made publicly available by DOC pursuant to California law.

REPORTING STANDARD: "IN" is reported if any portion of the Property is located within a one (1) mile radius of one or more mining operation(s) identified in the Public Record for which map coordinate data is provided. If "IN", the name of the mining operation(s) as it appears in the Public Record is also reported. "NOT IN" is reported if no portion of the Property is located within a one (1) mile radius of a mining operation specified on OMR Maps.



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Part 4. General Advisories

REGISTERED SEX OFFENDER DATABASE DISCLOSURE REQUIREMENT ("MEGAN'S LAW")

Notice: Pursuant to Section 290.46 of the Penal Code, information about specified registered sex offenders is made available to the public via an Internet Web site maintained by the Department of Justice at www.meganslaw.ca.gov. Depending on an offender's criminal history, this information will include either the address at which the offender resides or the community of residence and ZIP Code in which he or she resides.

DISCUSSION: California law (AB 488), signed by the Governor on September 24, 2004, provides the public with Internet access to detailed information on registered sex offenders. The Sex Offender Tracking Program of the California Department of Justice (DOJ) maintains the database of the locations of persons required to register pursuant to paragraph (1) of subdivision (a) of Section 290.46 of the Penal Code. The online database is updated with data provided by local sheriff and police agencies on an ongoing basis. It presents offender information in 13 languages; may be searched by a sex offender's specific name, zip code, or city/county; provides access to detailed personal profile information on each registrant; and includes a map of your neighborhood.

California Department of Justice Information Sources:

Megan's Law Sex Offender Locator Web Site: <http://www.meganslaw.ca.gov>

California Department of Justice Megan's Law Email Address: meganslaw@doj.ca.gov

Local Information Locations For The Property:

All sheriff's departments and every police department in jurisdictions with a population of 200,000 or more are required to make a CD-ROM available free to the public for viewing. Although not required, many other law enforcement departments in smaller jurisdictions make the CD-ROM available as well. Please call the local law enforcement department to investigate availability.

The following are the law enforcement departments in your county that are REQUIRED to make information available:

Orange County Sheriff's Department	(714) 647-7040
Anaheim Police Department	(714) 765-4311
Santa Ana Police Department	(714) 245-8300

Explanation and How to Obtain Information

For over 50 years, California has required certain sex offenders to register with their local law enforcement agencies. However, information on the whereabouts of the sex offenders was not available to the public until implementation of the Child Molester Identification Line in July 1995. The available information was expanded by California's "Megan's Law" in 1996 (Chapter 908, Stats. of 1996). Megan's Law provides certain information on the whereabouts of "serious" and "high-risk" sex offenders. The law specifically prohibits using the information to harass or commit any crime against the offender. The information on a registered sex offender includes: name and known aliases; age and sex; physical description, including scars, marks and tattoos; photograph, if available; crimes resulting in registration; county of residence; and zip code (from last registration). Accessing the online database requires agreement to the DOJ's terms of use on the web page.



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GAS AND HAZARDOUS LIQUID TRANSMISSION PIPELINE DATABASE DISCLOSURE REQUIREMENT

DISCUSSION: Following a number of pipeline disasters in the U.S., such as the 2010 San Bruno explosion in Northern California, there is an increased awareness of the potential dangers associated with underground transmission pipelines. As a result, the California Legislature unanimously passed Assembly Bill 1511 (Bradford), signed by Governor Jerry Brown on July 13, 2012. This law, which becomes effective January 1, 2013, is chaptered as California Civil Code Section 2079.10.5 and mandates the disclosure of the following notice to Buyers:

NOTICE REGARDING GAS AND HAZARDOUS LIQUID TRANSMISSION PIPELINES

This notice is being provided simply to inform you that information about the general location of gas and hazardous liquid transmission pipelines is available to the public via the National Pipeline Mapping System (NPMS) Internet Web site maintained by the United States Department of Transportation at <http://www.npms.phmsa.dot.gov/>. To seek further information about possible transmission pipelines near the property, you may contact your local gas utility or other pipeline operators in the area. Contact information for pipeline operators is searchable by ZIP Code and county on the NPMS Internet Web site. (California Civil Code Section 2079.10.5(a))

Civil Code Section 2079.10.5(c) adds, "Nothing in this section shall alter any existing duty under any other statute or decisional law imposed upon the seller or broker, including, but not limited to, the duties of a seller or broker under this article, or the duties of a seller or broker under Article 1.5 (commencing with Section 1102) of Chapter 2 of Title 4 of Part 4 of Division 2."

Such "existing duties" include the disclosure of actual knowledge about a potential hazard, such as may be created by the delivery of a letter from the local utility company informing the seller that a gas transmission pipeline exists within 2,000 feet of the Property.

Beginning on the law's January 1, 2013, effective date, except where such "existing duties" apply, "Upon delivery of the notice to the transferee of the real property, the seller or broker is not required to provide information in addition to that contained in the notice regarding gas and hazardous liquid transmission pipelines in subdivision (a). The information in the notice shall be deemed to be adequate to inform the transferee about the existence of a statewide database of the locations of gas and hazardous liquid transmission pipelines and information from the database regarding those locations." (California Civil Code Section 2079.10.5(b))

The disclosure of underground transmission pipelines helps the parties in a real estate transaction make an informed decision and is in the best interest of the public. Buyer should be aware that, according to the NPMS Internet Web site, gas and/or hazardous liquid transmission pipelines are known to exist in 49 of California's 58 counties, the exceptions being in rural mountainous parts of the state. Every home that utilizes natural gas is connected to a gas "distribution" pipeline, which is generally of smaller size and lower pressure than a transmission pipeline.

For More Information

To investigate whether any pipeline easement (right-of-way) exists on the Property, Buyer should review the Preliminary Title Report. Buyer should consult an attorney for interpretation of any law. This notice is for information purposes only and should not be construed as legal advice.



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METHAMPHETAMINE CONTAMINATED PROPERTY DISCLOSURE ADVISORY

DISCUSSION: According to the "Methamphetamine Contaminated Property Cleanup Act of 2005" a property owner must disclose in writing to a prospective buyer if local health officials have issued an order prohibiting the use or occupancy of a property contaminated by meth lab activity. The owner must also give a copy of the pending order to the buyer to acknowledge receipt in writing. Failure to comply with these requirements may subject an owner to, among other things, a civil penalty up to \$5,000. Aside from disclosure requirements, this new law also sets forth procedures for local authorities to deal with meth-contaminated properties, including the filing of a lien against a property until the owner cleans up the contamination or pays for the cleanup costs.



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MOLD ADVISORY

DISCUSSION: The Buyer is hereby advised that naturally occurring molds may exist both inside and outside of any home and may not be visible to casual inspection. Persons exposed to extensive mold levels can become sensitized and develop allergies to the mold or other health problems. Extensive mold growth can damage a structure and its contents. All prospective purchasers of residential and commercial property are advised to thoroughly inspect the Property for mold. Be sure to inspect the Property inside and out for sources of excess moisture, current water leaks and evidence of past water damage.

As part of a buyer's physical inspection of the condition of a property, the buyer should consider engaging an appropriate and qualified professional to inspect and test for the presence of harmful molds and to advise the buyer of any potential risk and options available. This advisory is not a disclosure of whether harmful mold conditions exist at a property or not. No testing or inspections of any kind have been performed by The Company. Any use of this form is acknowledgement and acceptance that The Company does not disclose, warrant or indemnify mold conditions at a property in any way and is not responsible in any way for mold conditions that may exist. Information is available from the California Department of Health Services Indoor Air Quality Section fact sheet entitled, "Mold in My Home: What Do I Do?" The fact sheet is available at <https://archive.cdph.ca.gov/programs/IAQ/Pages/IndoorMold.aspx> or by calling (510) 620-3620.

The Toxic Mold Protection Act of 2001 requires that information be developed regarding the potential issues surrounding naturally occurring molds within a home. Information was written by environmental authorities for inclusion in the *Residential Environmental Hazards: A Guide for Homeowners, Buyers, Landlords and Tenants* booklet developed by the California Environmental Protection Agency and the Department of Health Services. It is found in Chapter VII of that booklet, and includes references to sources for additional information.

For local assistance, contact your county or city Department of Health, Housing, or Environmental Health.



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RADON ADVISORY

DISCUSSION: For its Radon Advisory, FANHD uses the updated assessment of radon exposure published in 1999 by the Lawrence Berkeley National Laboratory (LBNL) and Columbia University, under support from the U.S. Environmental Protection Agency (EPA), the National Science Foundation, and the US Department of Energy (published online at <http://www2.lbl.gov/Science-Articles/Archive/radon-risk-website.html>). Based on this recent assessment, FANHD radon advisory is as follows:

All of California's 58 counties have a predicted median annual-average living-area concentration of radon below 2.0 pCi/L (picocuries per liter of indoor air) -- which is well below the EPA's guideline level of 4 pCi/L and equivalent to the lowest hazard zone (Zone 3) on the 1993 EPA Map of Radon Zones.

The "median concentration" means that half of the homes in a county are expected to be below this value and half to be above it. All houses contain some radon, and a few houses will contain much more than the median concentration. **The only way to accurately assess long-term exposure to radon in a specific house is through long-term testing (sampling the indoor air for a year or more). The EPA recommends that all homes be tested for radon.** Columbia University's "Radon Project" website offers help to homeowners in assessing the cost vs. benefit of testing a specific house for radon or modifying it for radon reduction (see <http://www.stat.columbia.edu/~radon/>).

NOTE: FANHD does not use the EPA's 1993 map for advisory purposes because that map shows "short-term" radon exposure averaged by county. It was based on "screening measurements" that were intentionally designed to sample the worst-case conditions for indoor air in US homes--using spot checks (sampling for just a few days), in the poorest air quality (with sealed doors and windows), at the worst time of the year (winter), in the worst part of the house (the basement, if one was available). These short-term, winter, basement measurements are both biased and variable compared to long-term radon concentrations (averaged over a year) in the living area of a house. Long-term concentrations are a more accurate way to judge the long-term health risk from radon. For the above reasons, the EPA expressly disclaims the use of its 1993 map for determining whether any house should be tested for radon, and authorizes no other use of its map for property-specific purposes. For additional information about EPA guidelines and radon testing, see "Chapter VII--Radon", in the California Department of Real Estate's *Residential Environmental Hazards: A Guide for Homeowners, Homebuyers, Landlords and Tenants*.

ENDANGERED SPECIES ACT ADVISORY

DISCUSSION: The Federal Endangered Species Act of 1973 ("ESA"), as amended, requires that plant and animal species identified and classified ("listed") by the Federal government as "threatened" or "endangered" be protected under U.S. law. Areas of habitat considered essential to the conservation of a listed species may be designated as "critical habitat" and may require special management considerations or protection. All threatened and endangered species -- even if critical habitat is not designated for them -- are equally afforded the full range of protections available under the ESA.

In California alone, over 300 species of plants and animals have been designated under the ESA as threatened or endangered, and over 80 species have critical habitats designated for them. Most California counties are host to a dozen or more protected species and, in many cases, 10 or more species have designated critical habitats within a county.

ADVISORY: An awareness of threatened and endangered species and/or critical habitats is not reasonably expected to be within the actual knowledge of a seller.

No federal or state law or regulation requires a seller or seller's agent to disclose threatened or endangered species or critical habitats, or to otherwise investigate their possible existence on real property. Therefore, Buyer is advised that, prior to purchasing a vacant land parcel or other real property, Buyer should consider investigating the existence of threatened or endangered species, or designated critical habitats, on or in the vicinity of the Property which could affect the use of the Property or the success of any proposed (re)development.

FOR MORE INFORMATION: Complete and current information about the threatened and endangered species in California that are Federally listed in each county -- including all critical habitats designated there -- is available on the website of the U.S. Fish & Wildlife Service, the Federal authority which has enforcement responsibility for the ESA.

U.S. Fish & Wildlife Service Endangered Species Database (TESS)

http://ecos.fws.gov/tess_public/



FANHD Residential Property Disclosure Reports Natural Hazard Disclosure (NHD) Report For ORANGE County

Property Address: 3175 AIRWAY AVE
COSTA MESA, ORANGE COUNTY, CA 92626
("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

ABANDONED MINES ADVISORY

DISCUSSION: According to the California Department of Conservation, Office of Mine Reclamation, since the Gold Rush of 1849, tens of thousands of mines have been dug in California. Many were abandoned when they became unproductive or unprofitable. The result is that California's landscape contains many thousands of abandoned mines, which can pose health, safety, or environmental hazards on and around the mine property. Mines can present serious physical safety hazards, such as open shafts or adits (mine tunnel), and they may create the potential to contaminate surface water, groundwater, or air quality. Some abandoned mines are such massive problems as to earn a spot on the Federal Superfund environmental hazard list.

No California law requires the disclosure of abandoned mines in a real estate transaction, unless the existence of an abandoned mine is within the actual knowledge of the Seller and is deemed to be a fact material to the transaction.

The Office of Mine Reclamation (OMR) and the U.S. Geological Survey maintain a database of abandoned mines -- however, it is known to be incomplete and based on maps that are often decades out of date. Many mines are not mapped because they are on private land. The OMR warns that, *"Many old and abandoned mines are not recorded in electronic databases, and when they are, the information may not be detailed enough to accurately define, differentiate or locate the mine feature, such as a potentially hazardous vertical shaft or horizontal adit or mine waste."* (See reference below.)

Accordingly, this Report does not contain an abandoned mines disclosure from any government database or map or any other source, in order to protect the seller from liability for non-disclosure of unrecorded abandoned mines.

Parties concerned about the possible existence or impact of abandoned mines in the vicinity of the Property are advised to retain a State-licensed geotechnical consultant to study the site and issue a report. Other sources of information include, but are not limited to, the State Office of Mine Reclamation at (916) 323-9198 (website: <http://www.conservation.ca.gov/OMR>), and the Engineering, Planning or Building Departments in the subject City and County.

FOR MORE INFORMATION: For more information visit the State Office of Mine Reclamation's website at: http://www.conservation.ca.gov/omr/abandoned_mine_lands/Pages/index.aspx

OIL & GAS WELL ADVISORY

California is currently ranked fourth in the nation among oil producing states. Surface oil production is concentrated mainly in the Los Angeles Basin and Kern County, and in districts elsewhere in the state. In recent decades, real estate development has rapidly encroached into areas where oil production has occurred. Because the state's oil production has been in decline since the 1980's, thousands of oil and gas wells have been shut down or abandoned, and many of those wells are in areas where residential neighborhoods now exist.

According to the California Department of Conservation ("DOC"), to date, about 230,000 oil and gas wells have been drilled in California and around 105,000 are still in use. The majority of remaining wells have been sealed ("capped") under the supervision of the DOC's Division of Oil, Gas and Geothermal Resources. A smaller number have been abandoned and have no known responsible operator -- these are called "orphan" wells. The state has a special fund that pays the cost of safely capping orphan wells, however, that program is limited in its scope and progress.

Buyer should be aware that, while the DOC database is the most comprehensive source available for California oil and gas well information, the DOC makes no warranties that the database is absolutely complete, or that reported well locations are known with absolute accuracy.

For More Information

For a search of the state's databases of oil and gas wells and sites of known environmental contamination on or near the Property, please obtain the FANHD Residential Environmental Report. For general information, visit the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources at <http://www.consrv.ca.gov/dog>.



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TSUNAMI MAP ADVISORY

DISCUSSION: The California Emergency Management Agency (CalEMA), the University of Southern California Tsunami Research Center (USC), and the California Geological Survey (CGS) have prepared maps that depict areas of maximum tsunami inundation for all populated areas at risk to tsunamis in California (20 coastal counties). The maps were publicly released in December 2009 with the stated purpose that the maps are to assist cities and counties in identifying their tsunami hazard and developing their coastal evacuation routes and emergency response plans only.

These maps specifically contain the following disclaimer:

Map Disclaimer: This tsunami inundation map was prepared to assist cities and counties in identifying their tsunami hazard. It is intended for local jurisdictional, coastal evacuation planning uses only. This map, and the information presented herein, **is not a legal document and does not meet disclosure requirements for real estate transactions nor for any other regulatory purpose.** The California Emergency Management Agency (CalEMA), the University of Southern California (USC), and the California Geological Survey (CGS) make no representation or warranties regarding the accuracy of this inundation map nor the data from which the map was derived. Neither the State of California nor USC shall be liable under any circumstances for any direct, indirect, special, incidental or consequential damages with respect to any claim by any user or any third party on account of or arising from the use of this map.

A tsunami is a series of ocean waves or surges most commonly caused by an earthquake beneath the sea floor. These maps show the maximum tsunami inundation line for each area expected from tsunamis generated by undersea earthquakes and landslides in the Pacific Ocean. Because tsunamis are rare events in the historical record, the maps provide no information about the probability of any tsunami affecting any area within a specific period of time.

Although these maps may not be used as a legal basis for real estate disclosure or any other regulatory purpose, the CGS has, however, provided diagrams of the maps online which the public can view. To see a maximum tsunami inundation map for a specific coastal community, or for additional information about the construction and/or intended use of the tsunami inundation maps, visit the websites below:

State of California Emergency Management Agency, Earthquake and Tsunami Program:
<http://myhazards.calema.ca.gov/>

University of Southern California -- Tsunami Research Center:
<http://www.usc.edu/dept/tsunamis/2005/index.php>

State of California Geological Survey Tsunami Information:
http://www.conservation.ca.gov/cgs/geologic_hazards/Tsunami/index.htm

National Oceanic and Atmospheric Agency Center for Tsunami Research (MOST model):
<http://nctr.pmel.noaa.gov/time/background/models.html>

END OF NATURAL HAZARD DISCLOSURE REPORT SECTION
See Terms and Conditions at end of this Report.



FANHD Residential Property Disclosure Reports

Property Tax Disclosure Report For ORANGE County

Property Address: 3175 AIRWAY AVE
COSTA MESA, ORANGE COUNTY, CA 92626
("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

California Property Tax Disclosure Report

The parties for whom this Report was prepared are the owner ("Seller") of the Residential Property ("Property") on the Report Date, the buyer ("Buyer") of the Residential Property from Seller as of the Report Date, and their respective licensed real estate agents ("Agents"). Seller, Buyer and the Agents are sometimes referred to herein as "Party" or "Parties."

Part 1. Introduction and Summary

This Tax Report section discusses the results of an electronic search of specified government lists ("Databases") containing real property tax information and geographic data concerning the Residential Property. To understand the information provided, please read this entire Report.

Summary of Property Tax Determinations

The Residential Property:	IS	IS NOT	
A.		X	NOT SUBJECT TO a Mello-Roos Community Facilities District. 29
B.		X	NOT SUBJECT TO a 1915 Bond Act District. 29
C.	X		SUBJECT TO one or more other direct assessments. 30
D.		X	NOT SUBJECT TO the State Responsibility Area Fire Prevention Fee (SRA Fee is suspended until 2031 by Assembly Bill 398 of 2017). 34

Determined by First American Professional Real Estate Services, Inc.

THIS IS A DATABASE REPORT ONLY: The tax information in this Report only provides data derived from County Tax Assessor's and Treasure's Databases ("Databases") identified in this Report. While FANHD has made good faith efforts to report from the Databases as accurately as possible, the quality, accuracy, and currency ("Database Date") of the information contained in these Databases can vary greatly. For more information regarding a specific Database, please read Part 2 of this Report. By use of this Report, transferee agrees this is a Report product and not an insurance policy and is subject to the Terms and Conditions attached hereto and incorporated herein.

This Report satisfies Seller's obligations to disclose (a) Mello-Roos and 1915 Act Bond Assessments applicable to the Residential Property as required by California Civil Code Section 1102.6b, and (b) Supplemental Taxes as required by California Civil Code Section 1102.6c.



FANHD Residential Property Disclosure Reports

Property Tax Disclosure Report

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Part 2. NOTICE OF SPECIAL TAX/ASSESSMENT

Special assessments, also referred to as direct or fixed assessments, are charges that are not based on the value of the property. These charges are levied to provide funding for services or improvements that directly benefit the property. Mello Roos Community Facility Districts and 1915 Bond Districts are also classified as special assessments. Certain special assessments may be subject to accelerated foreclosure if allowed to go delinquent.

TO THE PROSPECTIVE PURCHASER OF THE RESIDENTIAL PROPERTY AT THE ADDRESS REFERENCED ABOVE: THIS IS A NOTIFICATION TO BUYER PRIOR TO PURCHASING THE RESIDENTIAL PROPERTY.

A. Mello-Roos Community Facilities Districts

This Residential Property is NOT SUBJECT to Mello-Roos Community Facilities Districts.

Database Date: FY 2018-2019

B. 1915 Bond Act Assessment Districts

This Residential Property is NOT SUBJECT to 1915 Bond Assessment Districts.

Database Date: FY 2018-2019

C. Accelerated Foreclosure Information

Certain assessment or bond issues may contain accelerated foreclosure liens which have priority over other real property taxes and are a legal right included as part of the security for the obligation. The issuers of such bonds are often contractually required to monitor and collect delinquent assessments quickly. Accordingly these assessments are not subject to the five (5) year waiting period applicable to ad valorem real property taxes. If the real property is subject to such an assessment and the taxes are not paid promptly, the real property may be foreclosed upon and sold at public auction on an expedited basis. **Therefore, it is extremely important that the real property tax bill be paid on time to prevent the accelerated foreclosure.**

D. Notice of Property Assessed Clean Energy (PACE) Program

Property assessed clean energy (PACE) programs allow property owners to finance energy efficiency, water efficiency and renewable energy projects on residential and commercial structures through a voluntary special tax assessment on the property. PACE programs are offered by many city, county and regional planning agencies, and have repayment periods ranging from 5 to 20 years however some may be longer.

WHAT THIS MEANS: If a property owner voluntarily enters into a PACE program, a contractual assessment lien is placed on the property. The lien is repaid through installments collected on the property owner's secured county property tax bill. In certain situations the program administrator may bill the property owner directly. If the property is sold and the contractual assessment is not repaid in full, the new owner may be responsible for future assessments contributing towards repayment of the PACE contract.

DISCLOSURES AT RESALE: A PACE lien runs with the land. This means that the responsibility to repay the PACE lien may fall to the new owner upon transfer of the property unless the lien is paid off before closing. This fact may be material to a buyer's decision to purchase or price offered for the property. In addition, the buyer's lender may require the lien to be paid in full before closing (for certain federally backed mortgages, for example). Therefore, the property seller and his or her real estate agent may have a duty to disclose the existence of a PACE lien on the sale property.

The Property IS NOT SUBJECT to a PACE Program Contract documented in the county's Fiscal Year 2018-2019 property tax roll. To discover a PACE lien on the Property executed more recently, the buyer should read the preliminary title report and obtain and read all exceptions listed therein. Note that, in the title report, lien exceptions are named as recorded with the county; therefore, a PACE lien may be listed under a name that is not obvious.

E. Approved Assessment Districts Which Have Been Formed and Authorized But Are Not Yet Funded

Certain assessment districts may have been formed and authorized but have not yet been funded. Accordingly no assessment lien will appear in the County Assessor records. However, the information regarding such districts may appear on your preliminary report issued by a title company. If the assessment district has not been formed or funded, the improvements have also not been constructed. If the district is subsequently formed, the assessments may then appear on the property tax bill.



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Part 3. Current Property Tax Bill Summary

A. Summary of 2018-2019 Property Tax Bill

The following is a summary of Database information obtained from the ORANGE COUNTY Secured Property Tax Roll for Tax Year 2018-2019 ("Database Date"). This summary is provided for informational purposes only. The summary includes Ad Valorem taxes which are based on the property's Assessed Value as well as other Non- Ad Valorem Direct or Special Assessments. Upon transfer of ownership, the Assessed Value may be reset to the Current Market Value or Sale Price which may result in a substantial change in the Ad Valorem taxes assessed. Please see Parts 4 and 5 of this Report for more information regarding Ad Valorem taxes and Supplemental taxes.

Total Assessed Value:	\$3,343,418.00
1st Installment Due 11/01/2018	\$21,919.67
2nd Installment Due 02/01/2019	\$21,919.67
Total Annual Tax Liability	\$43,839.34

General Ad Valorem Taxes

AGENCY	DESCRIPTION	AMOUNT	CONTACT PHONE
ORANGE COUNTY	GENERAL ADVALOREM TAXES	\$36,927.38	714-834-2727
	TOTAL AD VALOREM TAXES	\$36,927.38	

Direct and/or Special Assessments

AGENCY	DESCRIPTION	AMOUNT	CONTACT PHONE
ORANGE COUNTY VECTOR CONTROL DISTRICT	VECTOR CONTROL CHG	\$6.24	(800) 273-5167
COSTA MESA SANITARY DIST	SANITARY ASMT	\$2,862.72	(949) 645-8400
ORANGE COUNTY VECTOR CONTROL DISTRICT	MOSQ,FIRE ANT ASSMT	\$26.18	(800) 273-5167
MUNICIPAL WATER DISTRICT	MWD WATER STDBY CHG	\$15.54	(714) 963-3058
ORANGE CO SANITATION DIST	OCSD SEWER USER FEE	\$4,001.28	714-834-2727
	TOTAL DIRECT ASSESSMENTS	\$6,911.96	

B. Available Senior Citizen Exemptions

Certain districts that levy special taxes or assessments may offer exemptions to Senior Citizens. These exemptions can result in substantial savings to qualified tax payers. The filing of an application along with annual renewal may be required. Below is the contact information for requesting details on filing exemptions for districts that may offer a Senior Citizen Exemption. Additional Direct Assessment Districts may offer exemptions. Therefore you may want to contact the districts to determine their policy on Senior Citizen Exemptions.

No Senior Citizen Exemptions listed as of the most recent update from the County.
See Part 4B for additional information on other exemptions that may be available to Buyer.



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Part 4. Estimating Property Taxes After the Sale

Instantly calculate estimated property taxes and supplemental taxes on our website (or manually calculate them below):

<https://orderform.fanhd.com/Order/TaxCalcForm?guid=A5AF3D7624FB4AB09A449E02B0E05672>

A. Calculating Property Taxes After Sale (ESTIMATE ONLY)

PROPERTY TAX ESTIMATOR

The following calculation method is provided to assist Buyer in estimating the approximate amount of property tax charges that the Residential Property may be subject to for the upcoming tax year based on the assessed valuation being equal to the sales price. The amount derived is only an estimate and is not a substitute for a tax bill from the County, nor does it anticipate new property tax charges, fees or other changes in the property tax rates for future tax years.

1	Estimated Sales Price.....	• 1	\$	_____
2	Estimated Ad Valorem Tax Rate.....	• 2		<u>0.0110400</u>
3	Multiply line 1 by line 2. This is your Estimated Ad Valorem Tax.....	• 3	\$	_____
4	Direct Assessments including Mello Roos Special Taxes and 1915 Bond Act Assessments if applicable.....	• 4	\$	<u>6,911.96</u>
5	Add lines 3 and 4. Total Estimated Annual Tax Amount After Sale.....	• 5	\$	_____

The information in this subparagraph A is an estimate only. The purpose of this "ESTIMATOR" is to assist Buyer in planning for property taxes which will be applicable after the Sale Date. This "ESTIMATOR" requires the Buyer's projection of the purchase price of the Residential Property. Please note that potential exemptions and exclusions are not reflected in this estimate. **Additionally, unimproved or recently developed properties may be subject to additional Direct Assessments not included in this estimate. FANHD is not responsible or liable for any losses, liabilities or damages resulting from use of this Property Tax Estimator.**

B. Exemptions & Exclusions to Ad Valorem Taxes

California law provides certain exemptions from reassessments. The following is a list of common exemptions which may be available:

- Homeowner exemption (California Constitution Art XIII, §3 & R&T Code §218)
- Honorably discharged veterans (California Constitution Art XIII, §3 & R&T Code §205)
- Disabled veterans (California Constitution Art XIII, §4 & R&T Code §205)

California law also provides certain exclusions from reassessment. The following is a list of common exclusions which may be available:

- Persons over 55 years of age (R&T Code § 69.5)
- Severely and permanently disable persons (R&T Code § 69.5(a))
- Transfers between parents and children and grandparents and grandchildren (R&T Code § 63.1)
- Transfers into revocable trusts (R&T Code § 62)
- Interspousal transfers (R&T Code § 63)
- Improvements for seismic retrofitting (R&T Code § 74.5)
- Improvements for disabled access (R&T Code § 74.3)
- Replacement of property damaged or destroyed by disaster (R&T Code § 69)

In order to determine if Buyer may qualify for any exemptions or exclusions or to obtain a comprehensive list of available exemptions and exclusions, please contact the county tax assessor's office (714-834-2727) or visit the county website at <http://ocgov.com/gov/assessor>. Additional information is also available on the website for the California Board of Equalization at www.boe.ca.gov



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Part 5. Supplemental Property Tax Information

A. General Information Regarding Supplemental Taxes

California law mandates the county assessor to reappraise real property upon a change in ownership or completion of new construction. The assessor's office issues a supplemental assessment which reflects the difference between the prior assessed value and the new assessment. This value is prorated based on the number of months remaining in the fiscal tax year which ends June 30.

Notices of the supplemental assessment are mailed out to the property owners prior to the issuance of the supplemental tax bill or refund if the value is reduced. The taxes or refund based on the supplemental assessment are in addition to the regular annual tax bill.

The supplemental tax will be due from the current owner in addition to the regular tax assessment. Accordingly for the first year of ownership, Buyer should plan for this additional payment.

B. Supplemental Property Tax Disclosure

The following notice is mandated by California Civil Code Section 1102.6c:

NOTICE OF YOUR "SUPPLEMENTAL" PROPERTY TAX BILL

"California property tax law requires the Assessor to revalue real property at the time the ownership of the property changes. Because of this law, you may receive one or two supplemental tax bills, depending on when your loan closes.

The supplemental tax bills are not mailed to your lender. If you have arranged for your property tax payments to be paid through an impound account, the supplemental tax bills will not be paid by your lender. It is your responsibility to pay these supplemental bills directly to the Tax Collector.

If you have any question concerning this matter, please call your local Tax Assessor or Collector's Office."

ORANGE County Assessor

Phone: 714-834-2727

Website: <http://ocgov.com/gov/assessor>



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Property Tax Disclosure Report
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C. Calculating Supplemental Taxes After Sale (ESTIMATE ONLY)

Instantly calculate estimated property taxes and supplemental taxes on our website (or manually calculate them below):
https://orderform.fanhd.com/Order/TaxCalcForm?guid=A5AF3D7624FB4AB09A449E02B0E05672.

SUPPLEMENTAL TAX ESTIMATOR

The following schedule is provided to estimate the potential amount of the supplemental taxes on a given property and does NOT include the amount of the regular annual ad valorem property tax. The following calculation provides an estimate of the supplemental property taxes that can be expected during the first year of ownership, and should be used for planning purposes only.

- 1 Estimated Sales Price... 1 \$
2 Estimated Current Assessed Value... 2 \$ 3,343,418.00
3 Subtract line 2 from line 1. Estimated Supplemental Assessed Value... 3 \$
4 Multiply line 3 by 0.0110400 (the Estimated Ad Valorem Tax Rate for the Residential Property). Estimated Full-Year Supplemental Tax Obligation... 4 \$

If the Sale Date for the Residential Property falls during the months of January through May, Buyer will receive TWO supplemental tax bills: (a) one for the current partial tax year; and (b) one for the next full tax year. The supplemental taxes can be estimated by completing lines 5 through 8 below:

- 5 Enter the Month-of-Sale Factor from TABLE 1 below... 5
6 Multiply line 4 by line 5. Estimated Supplemental Tax Bill # 1... 6 \$
7 Enter the amount on line 4. Estimated Supplemental Tax Bill # 2... 7 \$
8 Add lines 6 and 7. Total estimated Supplemental Tax Bill... 8 \$

If the Sale Date for the Residential Property falls during the months of June through December, Buyer will receive ONE supplemental tax bill. The supplemental tax can be estimated by completing lines 9 and 10 below:

- 9 Enter the Month-of-Sale Factor from TABLE 2 below... 9
10 Multiply line 4 by line 9. Total estimated Supplemental Tax Bill... 10 \$

TABLE 1. Month-of-Sale Factor

Table with 2 columns: Month, Factor. Rows: Jan (0.4167), Feb (0.3333), Mar (0.2500), Apr (0.1667), May (0.0833)

TABLE 2. Month-of-Sale Factor

Table with 2 columns: Month, Factor. Rows: Jun (1.0000), Jul (0.9167), Aug (0.8333), Sept (0.7500), Oct (0.6667), Nov (0.5833), Dec (0.5000)

The information in this subparagraph C is an estimate only. The purpose of this "ESTIMATOR" is to assist Buyer in planning for the supplemental taxes. The estimated supplemental tax is not a substitute for the supplemental bill and may not be relied upon as such. This "ESTIMATOR" requires the Buyer's projection of the purchase price of the Residential Property as well as month in which the transaction will be consummated. Please note that potential exemptions and exclusions are not reflected in these estimations FANHD is not responsible or liable for any losses, liabilities or damages resulting from use of this Supplemental Tax Estimator.



FANHD Residential Property Disclosure Reports

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Part 6. State Responsibility Area Fire Prevention Fee

In 2011, the California Legislature and Governor enacted a "Fire Prevention Fee" on habitable structures in the State's wildland fire responsibility area ("SRA"). The yearly fee, levied on property owners, paid for various activities to prevent and suppress wildfires in the SRA, and was most recently at the rate of \$152.33 per habitable structure on the property.

Effective July 1, 2017, as authorized by Assembly Bill 398 and signed by the Governor, that fire prevention fee is suspended until 2031.

The fire prevention activities supported by the fee will continue, but instead will be funded through a different State program – one aimed at curbing industrial emissions of carbon dioxide (also known as California's "cap-and-trade" program). For more information, please refer to the text of the Assembly bill at the following link:
http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB398



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Part 7. Private Transfer Fee Advisory

Private Transfer Fee. This is a fee imposed by a private entity such as a property developer, home builder, or homeowner association, when a property within a certain type of subdivision is sold or transferred. (It is commonly known as a "Private Transfer Tax".) It is NOT the same as a city or county Documentary Transfer Tax. A Private Transfer Fee may apply in addition to government Documentary Transfer Taxes that are due upon sale or transfer of the Property.

Transfer Fee Defined. California Civil Code Section 1098 defines a "Transfer Fee".

Effective January 1, 2008, if the payment of any Transfer Fee is required in the sale or transfer of the Property, Civil Code Section 1102.6e requires Seller to notify Buyer of the existence of the fee and to disclose certain specific information about the fee.

How to Determine the Existence of a Transfer Fee. If a Transfer Fee does exist affecting the Property, the document creating the fee may be on file with the County Recorder as a notice recorded against the Property and should be disclosed in the preliminary (title) report on the Property. However, the preliminary (title) report will merely disclose the existence of the documents affecting title, not the content of the documents. The title of a document may also not be sufficient to disclose that a Transfer Fee is included in its terms. Accordingly Seller should (a) request the title company which issued the preliminary (title) report to provide copies of the documents shown as "exceptions," and (b) review each document to determine if it contains a Transfer Fee.

Parties are advised that documents regarding any Transfer Fee should be obtained early in the sale process in order to avoid delays in the transaction process and to ensure full disclosure as required by law.

To determine if the Property is subject to a Transfer Fee, OBTAIN COPIES OF ALL OF THE EXCEPTIONS LISTED ON THE PRELIMINARY (TITLE) REPORT FROM THE TITLE COMPANY AND READ THEM TO DETERMINE IF ANY TRANSFER FEES ARE APPLICABLE.

END OF TAX DISCLOSURE REPORT SECTION
See Terms and Conditions at end of this Report.



FANHD Residential Property Disclosure Reports

Environmental Screening Report

For ORANGE County

Property Address: 3175 AIRWAY AVE
 COSTA MESA, ORANGE COUNTY, CA 92626
 ("Property")

APN: 427-091-12
Report Date: 02/26/2019
Report Number: 2435120

Environmental Screening Report

Part 1. Introduction and Summary

The parties to the Transaction to which this Report applies ("Parties") are the owner ("Seller") of the Residential Property ("Property") on the Report Date, the buyer ("Buyer") of the Residential Property under contract of sale as of the Report Date, and their respective licensed real estate agents ("Agents"). Seller, Buyer and the Agents are sometimes referred to herein as "Party" or "Parties." FANHD and the Parties are the parties to the contract that is entered into by the purchase of this Report.

This Report discloses the results of an electronic search of specified federal and state level environmental-hazard record systems ("Databases") that are known to include contamination sites ("Sites").

The Databases are searched for hazard Sites at standard distances from the Property. The standard search distance is not the same for all Databases, but depends upon the nature of the environmental hazard represented in the Database. FANHD uses search distances that comply with the U.S. Environmental Protection Agency (EPA) "All Appropriate Inquiry" (AAI) standard for government records search (40 CFR Part 312.26) under the U.S. Small Business Liability Relief and Revitalization Act ("the Brownfields Law")

POINT AND LINE SOURCE METHODOLOGY

This Report does not identify the precise areas actually contaminated by an environmental hazard; rather, as a reasonable approximation, it identifies "point sources" for contamination, such as a specific Site address where a leaking underground tank was recorded. The address does not precisely reflect the location of the source of contamination on the Site, nor will it indicate the potential spread of any contamination from that source. In addition, any point source that lies beyond the standard distance searched for each Database will not be reflected in this Report -- even if it is known to be the origin of a larger contaminated area. Point sources are included in this Report as of the time they are identified in the government Database consulted by the Company. Please note that the Gas Transmission and Hazardous Liquid Pipeline disclosure (in Part 4) is based on the Property's location with respect to "line sources" represented in that Database.

The perchlorate contamination plume that is known to have affected groundwater in parts of Morgan Hill, San Martin, and possibly Gilroy is an example of a hazard Study Area. The point source responsible for it, reported to be in Morgan Hill, has not yet been officially listed on a publicly-available government site list. For current information about that Study Area, please contact the Santa Clara Valley Water District Perchlorate Hotline at 1-888-Hey-Noah (1-888-439-6624).

To understand the information provided, please read this entire Environmental Screening Report including Part 1 through Part 6. Information about a specific Database or standard search distance is provided in Part 5.

Part 2. Sites Identified in Environmental Records Search

A Site must have a complete address in order for its location to be known and its distance from the Property measured. Only Sites having a complete address in the Database searched are included in this section. Site "Distance" is the straight line distance in miles between the geocoded address (latitude and longitude) of the Site and the geocoded address of the Property. If the Public Record includes a Site that is within the standard distance searched for that Database category, then that Site is (1) listed as "Found" in the table below and at the beginning of this disclosure Report is (2) shown on the "Map of Sites Found" and (3) noted as "IN" in the "Summary of Environmental Screening Determinations" for the applicable Database category. FANHD recommends further investigation of any Site(s) listed below.

Codes indicating the status of a Site are explained as follows:

Open = Site listed as undergoing clean-up, investigation, or referral to another agency; or as non-active, abandoned or absorbed but not closed or completed.

Closed = Site listed as clean-up completed, release secured, no further remedial action planned, case closed, or delisted.

Active (or Inactive) = Site facility listed as actively (or not actively) engaged in a type of activity regulated under RCRA.

N/A = Not Applicable - site listed as uncontaminated, or as using or storing hazardous substances.

N/P = Not Provided - site status not supplied on agency list used.

Found	None Found	Database Searched (with standard search distance)
	X	National Priorities List (Federal "Superfund" list) - 1 mile
	X	Federal Resource Conservation and Recovery Act (RCRA) - Corrective Actions List - 1 mile
	X	California State Response List (includes Active Annual Workplan, AWP, sites) - 1/2 mile



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X	California Spills, Leaks, Investigation and Cleanup (SLIC) List - 1/2 mile			
	Site Name	Address	Case No.	Status
	SIGMA CIRCUITS	2970 AIRWAY AVENUE, COSTA MESA, CA	SLT8R1824103	Closed
	ORANGE COUNTY FIRE STATION #33	18992 IKE JONES RD, SANTA ANA, CA 92707	T0605900437	Open
	SANTA ANA TOWER F.A.A.	18990 IKE JONES RD, SANTA ANA, CA 92707	T0605900442	Open
	CIMCO, INC.	265 BRIGGS AVENUE, COSTA MESA, CA	SLT8R0603944	Closed
	VALENTEC-WELLS, INC.	3190 PULLMAN STREET, COSTA MESA, CA 92626	SL208263881	Closed
	Olen Properties - Airport Business Center	3100 Airway Ave, Costa Mesa, CA 92626	T10000010077	Open
X	California Solid Waste Landfill Sites (SWIS) List - 1/2 mile			
X	California Leaking Underground Storage Tank (LUST) List (see status explanation below) - 1/4 mile			
	Site Name	Address	Case No.	Status
	JOHN WAYNE AIRPORT FIRE STN #33	366 PAULARINO ROAD, SANTA ANA, CA 92626	T0605901723	Closed
	CANON BUSINESS MACHINES	3191 RED HILL, COSTA MESA, CA 92626	T0605901019	Closed

CLOSED SITES REMAIN OFFICIALLY LISTED: All Sites listed on the State's Leaking Underground Storage Tank Information System (LUSTIS) have been identified to have had a leaking storage tank. Many LUST Sites have been cleaned up and their cases "Closed", and this is noted above if applicable. Parties should be aware that LUST Sites remain in the LUSTIS database even after they have been closed, and are included in this Report if found by our search. Leaking underground storage tanks are the most common type of contamination.

Storage tank leaks are often less extensive than other types of contamination releases and usually do not extend beyond the real property on which the tank is located. **For specific information about a Site listed above, please see Part 5 of this Report and contact the agency responsible for maintaining that Database.**

PART 3. Sites Missing Key Location Information

Many environmental hazard Sites in the Databases searched have incomplete or inaccurate address information. Those Sites cannot be precisely or reliably located and could potentially be anywhere in the Property's city, county, or state. They are, therefore, considered "unlocatable".

A sample of unlocatable sites that may be in the vicinity is listed below. A full list of ALL unlocatable California sites that include a zip code is available at the web address below:

http://www.firstamprs.com/sites/default/files/Current_List_of_Unlocatable_Sites_by_Zip_Code.xlsx

Status codes for the unlocatable Sites are the same as noted above for the Sites "Found".

No.	Site Name	Address	Case No.	Status	Database
1	La Habre Norge Village Cleaners	650 North Harbor Boulevard, La Habre, CA 90631	60002635	Open	CA_DTSC_RESPONSE
2	IRWD, MICHELSON PLANT-JUNCTION STRUCTURE NO. 2	NONE, IRVINE, CA	SL0605960845	Closed	CA_SLIC
3	DINKLER PROPERTY	226&230 RIO VISTA ST., N., ANAHEIM, CA 92806	T0605933432	Closed	CA_LUST
4	EXXON	0 MCFADDEN @ EDWARDS, HUNTINGTON BEACH, CA 92649	T0605957598	Closed	CA_LUST
5	ENERGY & ENVIRO RESEARCH	8001 IRVINE, SANTA ANA, CA 92705	T0605901295	Closed	CA_LUST
6	SAKIOKA FARMS	0 MAIN ST @ 55 FWY, COSTA MESA, CA 92626	T0605947216	Closed	CA_LUST
7	SOUTHERN CALIF GAS CO	0 GOLDEN WEST @ ELLIS, HUNTINGTON BEACH, CA 92647	T0605946959	Closed	CA_LUST
8	TRANSIT MIXED CONCRETE	7701 BLACK STAR CANYON, SILVERADO CYN, CA 92676	T0605987499	Closed	CA_LUST
9	HUNTINGTON BEACH LANDFILL	0 GOTHARD @ TALBERT, HUNTINGTON BEACH, CA 92647	T0605973269	Closed	CA_LUST



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PART 4. Oil & Gas Well Locations Within 1/4 Mile Of Property

No oil or gas well locations were identified within a radius of one-fourth (1/4) of one (1) mile of the Residential Property, based on a search of valid geographic coordinates contained in the current Statewide All Wells Database maintained by the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) ("All Wells Database").

Buyer is advised that additional wells may exist in the area of the Property which are not contained in the All Wells Database. Wells that do not have valid geographic coordinates in the All Wells Database are not disclosed in this Report. The physical property boundaries of well locations and the Property are not factored into the calculation of the specified search radius.

EXPLANATION: The All Wells Database includes approximately 230,000 well location records. This database is searched for well locations within one-fourth (1/4) of one (1) mile around the geocoded point representing the Residential Property. Well locations, if any, within the specified parameters are listed in the table above.

Of the approximately 230,000 wells identified in the All Wells Database, 105,000 are classified as new, active, or idle in the latest Statewide All Wells Database release. The majority of remaining wells have been sealed under supervision of the DOGGR. A smaller number have been deserted and have no known responsible operator.

California has established laws with respect to well drilling, operation, maintenance, and abandonment to "prevent, as far as possible, damage to life, health, property, and natural resources; damage to underground oil and gas deposits from infiltrating water and other causes; loss of oil, gas, or reservoir energy, and damage to underground and surface waters suitable for irrigation or domestic purposes by the infiltration of, or the addition of, detrimental substances." (California Public Resources Code §3106).

The DOGGR is responsible for maintenance of orphaned wells. To defray the maintenance costs, oil companies pay the State 4.3 cents per barrel a year. A portion of this assessment funds the Orphan Well Plugging Fund ("Fund") with an annual \$1 million budget. Since its inception in the 1970's, the Fund has facilitated the plugging of wells by hired contractors. The selection process for wells to be plugged considers numerous factors including, but are not limited to, the proximity of wells to populated areas, the amount of pressure in well reservoirs, and other hazards.

For a complete listing and explanation of well status codes, visit the following DOGGR web page:

<http://www.conservation.ca.gov/dog/maps/Pages/GISMapping2.aspx>

FOR MORE INFORMATION: Ownership information of oil, gas, mineral, geothermal and other subsurface rights regarding the Residential Property may be disclosed in a preliminary (title) report or title commitment. The DOGGR does not use the County Assessor Parcel Number or site address to locate wells or leases, and therefore, the APN and address cannot be used to determine if there is a well on a specific property. To help tell if there is a well on a property, oilfield maps may be available on the DOGGR website (<http://www.conservation.ca.gov/dog/maps/Pages/GISMapping2.aspx>). In addition, the DOGGR Online Mapping System (<http://maps.conservation.ca.gov/doms/doms-app.html>) allows users to search well locations by API Number, Property Address, Geographic Coordinates, or Field Name. For detailed information about a specific well, reference the unique "API Number" that the DOGGR has assigned to it. The DOGGR website provides an online well search by API number at <http://opi.consrv.ca.gov/opi/opi.dll>.



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Part 5. NPMS Gas Transmission and Hazardous Liquid Pipelines Within 2,000 Feet of the Residential Property

Buyer is advised to carefully review the limitations of the Public Record noted below as to the important limitations regarding the National Pipeline Mapping System (NPMS) and the NPMS Public Map Viewer used for making this determination. For more information please visit the NPMS Public Map Viewer (<https://www.npms.phmsa.dot.gov/PublicViewer/>).

EXPLANATION: Proximity to a pipeline does not of itself indicate a safety risk. However, on September 9, 2010, a Pacific Gas and Electric (PG&E) natural gas transmission pipeline exploded in San Bruno, California, causing loss of life and extensive property damage. Following this incident much attention has focused on the presence of natural gas and hazardous liquid pipelines in the vicinity of residential neighborhoods. As a result, PG&E has notified residents and businesses within 2,000 feet of PG&E's natural gas transmission pipelines about their proximity.

This disclosure covers gas "transmission" and hazardous liquid pipelines only. It is important to note that every home that uses natural gas is connected to a gas "distribution" pipeline. Distribution pipelines are generally of smaller size and lower pressure than transmission pipelines. This disclosure does not include distribution pipelines nor is it meant to indicate there is no risk associated with distribution lines. While proximity to a pipeline does not of itself indicate a safety risk, excavation near a pipeline poses a definite hazard. For this reason, this disclosure includes an advisory about how to spot and avoid buried pipelines on and near a property.

The U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA) administers the national regulatory program to monitor the transportation of natural gas, liquefied natural gas (LNG), and hazardous liquids by pipeline. PHMSA and the U.S. Office of Pipeline Safety (OPS) maintain a database of pipeline information called the **National Pipeline Mapping System (NPMS)** in cooperation with other federal and state governmental agencies and the pipeline industry. The NPMS is created using data compiled from mandatory submissions to PHMSA made by operators of pipelines and LNG plants, and from voluntary submissions made by breakout tank operators. The data is processed by private contractors. Since 2002, transmission pipeline and LNG plant facility operators are required to update their submissions annually.

The PHMSA website provides a **Public Map Viewer** that allows the general public to view pipeline maps in one county at a time. The viewer displays maps and associated data identifying transmission pipelines, LNG plants, and breakout tanks stored in the NPMS database. The data include information about the pipeline commodity (e.g., natural gas or liquid fuel), pipeline operator, agency contact, etc. The Public Map Viewer can be accessed at the following address:
<https://www.npms.phmsa.dot.gov/PublicViewer/>

This pipeline disclosure is based on a proximity search of the gas transmission pipelines and hazardous liquid pipelines depicted in NPMS Public Map Viewer at a scale of approximately 1:24,000. That map scale is the maximum resolution at which pipelines are displayed. At that map scale one inch on the map equals approximately 2,000 feet on the ground, which is the same scale as regulatory maps required for statutory natural hazard disclosure in California.

This pipeline disclosure is provided as an accommodation and is subject to the following **limitations in the Public Record:**

- Access to the original digital data in the NPMS database (on which the public maps are based) is restricted to federal, state, and local government agencies (including emergency responders). Pipeline operators are allowed access to their own pipeline data only.
- Pipeline locations in the NPMS database are accurate to plus or minus 500 feet.
- Neither the United States government nor any party involved in the creation and compilation of NPMS data and maps guarantees the accuracy or completeness of its product.
- Because the NPMS digital data are restricted from public access, any disclosure based on the NPMS Public Map Viewer may be subject to some positional inaccuracies in addition to those acknowledged by NPMS.
- Neither this disclosure nor NPMS data should ever be used as a substitute for calling "811" -- the federally-mandated "Call Before You Dig" one-call center -- prior to any digging project.

How to Spot a Pipeline Easement

Read the Preliminary Title Report A pipeline right-of-way is a strip of land over and around pipelines where some of the property owner's legal rights have been granted to a pipeline company. A right-of-way agreement between the pipeline company and the property owner is also called an easement and is usually filed in the public records with property deeds. Rights-of-way and easements provide a permanent, limited interest in the land that enables the pipeline company to operate, test, inspect, repair, maintain, replace, and protect one or more pipelines on property owned by others. The agreement may vary the rights and widths of the right-of-way, but generally, the pipeline company's right-of-ways extend 25 feet from each side of a pipeline unless special conditions exist.

To determine if the Property includes a pipeline right-of-way or easement, OBTAIN COPIES OF ALL OF THE EXCEPTIONS LISTED ON THE PRELIMINARY (TITLE) REPORT FROM THE TITLE COMPANY AND READ THEM.

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Call Before You Dig - Every Time! In 2000, the U.S. Department of Transportation and the utility industry created the Common Ground Alliance (CGA), a trade association to work with all industry stakeholders in an effort to prevent damage to underground utility infrastructure and ensure public safety and environmental protection. The result is the "Call Before You Dig - 811 Service". Whether you are a homeowner or a professional excavator, every digging job requires a call to "811" - even small projects like planting trees or shrubs. If you hit an underground utility line while digging, you can harm yourself or those around you, disrupt service to an entire neighborhood and potentially be responsible for fines and repair costs. One call to 811 gets your underground utility lines marked for FREE.

Signs of Buried Pipelines Since pipelines are usually buried underground, line markers and warning signs like the ones shown here are used to indicate their approximate location along the pipeline route. The markers and signs are in high-visibility colors (yellow or orange) and are located at frequent intervals along the pipeline right-of-way. The markers can be found where a pipeline intersects a street, highway, railway, or waterway, and at other prominent points along the route. The markers display the material transported in the line, the name of the pipeline operator, and a telephone number where the operator can be reached in the event of an emergency. Pumping stations, tank farms, and cleared rights-of-way also help signal that a pipeline is located nearby.



Markers and warning signs only indicate the general location of a pipeline. They cannot be relied upon to indicate the exact position of the pipeline they mark. Also, the pipeline may not follow a straight course between markers. And, while markers are helpful in locating pipelines, they are limited in the information they provide. They provide no information, for example, about the depth or number of pipelines in the vicinity.

EXPLANATION OF THE DATABASES USED IN THIS REPORT

This Report uses the following Databases as of the date specified:

1) NATIONAL PRIORITIES LIST ("NPL" - commonly called the "Superfund" list) as of 21 Feb 2019

The National Priorities List is a U.S. Environmental Protection Agency ("USEPA") database which includes Sites where known releases or threatened releases of hazardous substances, pollutants, or contaminants have occurred. As a part of the Superfund cleanup program, the NPL helps the USEPA determine which Sites warrant further investigation to assess human health and environmental risks, identify what remedial actions may be appropriate, notify the public of Sites believed to warrant further investigation, and serve notice to potentially responsible parties that the USEPA may initiate remedial action. Some NPL Sites encompass relatively large areas. Search Distance: one (1.0) mile. Responsible Agency: USEPA

Note: In 2014 the USEPA announced its intention to retire the Comprehensive Environmental Response, Compensation, and Liability Information System ("CERCLIS") which contains the NPL list. To replace CERCLIS the USEPA launched the Superfund Enterprise Management System ("SEMS") in December 2016. Like CERCLIS, SEMS identifies National Priority List ("NPL") and non-NPL sites subject to governing statutes. The content and structure of SEMS mirrors that of CERCLIS to an extent that does not impact site information provided in this Report.

Public Record: Facilities located in California listed as NPL Status code "A" (Site is Part of NPL Site), "D" (Deleted from the Final NPL), "F" (Currently on the Final NPL), "P" (Proposed for NPL), "R" (Removed from Proposed NPL), or "W" (Withdrawn) in the Active SEMS database obtained from USEPA. Facilities assigned NPL Status code "N" (Not on the NPL) are not disclosed in this Report.

For More Information: Contact the Environmental Information Center for US EPA Region 9 at (866) 372-9378 or via e-mail at r9.info@epa.gov to request information for the individual Site Fact Sheet. This help-line may also provide the telephone number of the local Community Relations Coordinator for the Site in question and the location of the local information repository for that Site. The USEPA's official Internet website address is: <http://www.epa.gov/superfund/index.htm>

2) RESOURCE CONSERVATION & RECOVERY ACT--CORRECTIVE ACTION list ("RCRA-COR") as of 24 Jan 2019.

RCRA (pronounced "ric-ra") is a federal law enforced by the U.S. Environmental Protection Agency ("USEPA") that requires safeguards on the use and disposal of household, municipal, commercial and industrial refuse. The goals of the law are to protect human health and the environment from the potential hazards of waste disposal, to reduce the amount of waste generated, and to ensure that wastes are managed in an environmentally sound manner. Under the Corrective Action program, the USEPA permits and monitors the cleanup of hazardous waste contamination. Search Distance: one (1.0) mile. Responsible Agency: USEPA

Public Record: "Subject to Corrective Action" facilities identified using USEPA's RCRAInfo Hazardous Waste Query Form for California.



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For More Information: Contact the Environmental Information Center for US EPA Region 9 at (866) 372-9378 or via e-mail at r9.info@epa.gov to request information for the individual Site Fact Sheet. The USEPA's official RCRA website is: <https://www.epa.gov/rcra>

3) CALIFORNIA ENVIROSTOR STATE RESPONSE list as of 07 Feb 2019.

The State Response list, a part of California's "Envirostor" database, identifies sites of confirmed hazardous materials releases where the Department of Toxic Substances Control ("DTSC") is involved in cleanup activities, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk, according to the DTSC. The State Response list includes the sites formerly contained in the "Active Annual Workplan (AWP)" list. Search Distance: 1/2 mile. Responsible Agency: State EPA/DTSC

Public Record: Sites listed as "State Response" under "Site_Facility_Type" in the EnviroStor Cleanup Sites database obtained from the Department of Toxic Substances Control. Please note that a given Site may have more than one record if the Site has more than one activity Status or EnviroStor ID assigned to it.

For More Information: Contact the State Environmental Protection Agency Department of Toxic Substances Control at: (916) 323-3400

4) SPILLS, LEAKS, INVESTIGATION & CLEANUP list ("SLIC") as of 31 Jan 2019.

The California SLIC Program oversees soil and water investigations, corrective actions, and assessments at Sites with current or historic unauthorized discharges and covers all types of pollutants (such as solvents, petroleum fuels, heavy metals, pesticides, etc.). As of January 1, 2005, all SLIC data is required to be submitted to the Geotracker database of the State Water Resources Control Board ("SWRCB"). Information on individual Sites may be available online at <http://geotracker.waterboards.ca.gov>. Please note that according to the SWRCB, "data is undergoing data cleanup and may contain errors". **Search Distance: 1/2 mile. Responsible Agency: SWRCB**

Public Record: Sites identified as "Cleanup Program Site" in the GeoTracker database obtained from the State Water Resources Control Board GeoTracker website.

For More Information: For details about a particular site, please visit GeoTracker at <http://geotracker.waterboards.ca.gov> Using the Identifier tool and clicking on the site on the graphic map interface, you can access a report that includes the case number and contact telephone number for the agency with more information on this site. If you know case number, you may access the record using Case Finder at <http://geotracker.waterboards.ca.gov/search.asp>.

5) SOLID WASTE INFORMATION SYSTEM list ("SWIS") as of 21 Feb 2019.

Solid waste landfill sites vary from state to state and may include active landfills, inactive landfills, incinerators, transfer stations, recycling facilities, and other facilities where solid waste is treated or stored. The California Integrated Waste Management Board ("CIWMB") tracks such Sites via its Solid Waste Information System database. SWIS contains information on facility type, regulatory and operational status, type of wastes received, and local enforcement actions. Please note that these Sites are simply regulated facilities and are not classified as being "contaminated" by the Board. Search Distance: 1/2 mile. Responsible Agency: CIWMB

Public Record: Sites listed in the "SwisGis.txt" database obtained from the California Integrated Waste Management Board Solid Waste Information System website.

For More Information: Contact the Board's "Solid Waste Information Center" at (916) 341 6320 and ask for the Associate Waste Management Specialist who should be able to answer some limited general questions. For more information, please contact the CIWMB in Sacramento or visit <http://www.calrecycle.ca.gov/SWFacilities/Directory/search.aspx> on the Internet.

6) LEAKING UNDERGROUND STORAGE TANK list ("LUST") per GEIMS/GeoTracker Information Management System as of 31 Jan 2019.

The LUST database is also known as the "LUFT" database because it includes records of leaking underground fuel tanks. LUSTs may be a significant source of soil and groundwater contamination. The State Water Resources Control Board ("SWRCB") maintains a database of LUSTs known as the Leaking Underground Storage Tank Information System ("LUSTIS") which was recently supplanted by the statewide GEIMS/GeoTracker information management system. LUSTIS contains the locations of all reported LUSTs, as well as the contents and status of the LUSTs. Search Distance: 1/4 mile. Responsible Agency: SWRCB

Public Record: Sites identified as "LUST Cleanup Site" in the GeoTracker database obtained from the State Water Resources Control Board GeoTracker website.

For More Information: For general questions, telephone the State Water Resources Control Board's Clean Water Desk in Sacramento at (866) 480-1028. Information on specific Sites is available at www.swrcb.ca.gov or visit their official Internet site at <http://geotracker.waterboards.ca.gov>.

7) CALIFORNIA STATEWIDE ALL WELLS DATABASE as of 21 Feb 2019.



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The California Division of Oil, Gas, and Geothermal Resources, California Department of Conservation ("DOC"), maintains a database of oil, gas and geothermal wells in the state. Of the approximately 230,000 wells identified in the All Wells Database, approximately 105,000 are still in use. The majority of remaining wells have been sealed under supervision of the DOGGR. A smaller number have been deserted and have no known responsible operator. **Search Distance: 1/4 mile. Responsible Agency: State Department of Conservation**

Public Record: Well locations listed in the Statewide All Wells Database obtained from the Department of Conservation, Division of Oil, Gas and Geothermal Resources.

For More Information: Contact the State Department of Conservation, Division of Oil, Gas and Geothermal Resources at: (916) 445-9686.

8) NATIONAL PIPELINE MAPPING SYSTEM (NPMS) GAS TRANSMISSION AND HAZARDOUS LIQUID PIPELINES as of 15 Nov 2018.

The National Pipeline Mapping System (NPMS) is a geographic information system (GIS) created by the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA), Office of Pipeline Safety (OPS) in cooperation with other federal and state governmental agencies and the pipeline industry. The NPMS is created using data compiled from mandatory submissions made by pipeline, LNG (Liquid Natural Gas) plant operators, and voluntary submissions made by breakout tank operators. The data is processed by private contractors. Neither the United States government nor any party involved in the creation and compilation of NPMS data and maps guarantees its accuracy or completeness. NPMS data should be considered no more accurate than +/- 500 feet and must never be used as a substitute for contacting the appropriate one-call center prior to digging. PHMSA restricts access to the NPMS to federal, state, and local government agencies (including emergency responders). Pipeline operators are allowed access to their own pipeline data only. NPMS Public Map Viewer (<https://www.npms.phmsa.dot.gov/PublicViewer/>) allows the general public to view available data one county at a time and at a limited zoom level in accordance with PHMSA's security policy. Search Distance: 2,000 feet. Responsible Agency: PHMSA

Public Record: Gas transmission pipelines and hazardous liquid pipelines as depicted on the NPMS Public Map Viewer at a scale of 1:24,000.

For More Information: To identify a specific pipeline owner/operator, please use the NPMS Public Map Viewer at the URL provided above. For policy and technical questions regarding NPMS, please contact PHMSA.

WANT MORE INFORMATION?

There is no single government agency that handles information for all contaminated Sites. Multiple agencies are responsible for organizing clean-up efforts at different types of Sites. Each generally maintains files on the Sites they oversee with information on the type and extent of contamination, clean-up efforts etc. There is also the possibility that the file may have no additional information. For general information, refer to the discussions in this Report. If your question isn't answered there, call us here at FANHD. We will try and answer them for you.

In the list of databases above, there is the name and telephone number of the agency overseeing that site. Agencies are limited to answering general questions. **NOTE!** Additional information on a site may be limited and the government agency you contact will not venture opinions.

How to Obtain Generalized Environmental Information

Brochures published by the Environmental Protection Agency (EPA) are a good source of general information. County health departments may have a health and safety officer or a "hazmat" (hazardous materials) specialist that can answer general questions also. The telephone number for the local Department of Health should be listed in the telephone book.

- Environmental Protection Agency Drinking Water Hotline: **(800) 426-4791**
- Federal Environmental Protection Agency Public Information Office: **(866) 372-9378**
- California Environmental Protection Agency: **(916) 445-3846**

BACKGROUND ABOUT ENVIRONMENTAL HAZARDS

FANHD provides a consumer guide titled, "Guide to Environmental Hazards", as a supplement to this environmental Report. This "plain-English" supplement discusses and explains environmental hazards and what they mean for residential property transactions. The guide may be freely downloaded (as a PDF document) and printed from our website at the following address:

http://www.firstampr.com/sites/default/files/jcp-lgs_residential_environmental_hazards_guide.pdf



FANHD Residential Property Disclosure Reports Terms and Conditions

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TERMS and CONDITIONS

ACCEPTANCE OR USE OF THE WEBSITE, CUSTOMER SERVICE, OR ANY REPORT CONSTITUTES APPROVAL AND ACCEPTANCE OF THESE TERMS AND CONDITIONS AS STATED HEREIN.

The Website (defined below), Customer Service (defined below) and any Report (defined below) are subject to each of the following Terms and Conditions. Any User (defined below) accessing, using, or reviewing the Website, Customer Service, or any Report, including any portion thereof, agrees that the Website, Customer Service and Reports are subject to the following Terms and Conditions, and such User agrees to be bound by these Terms and Conditions, regardless of whether the User ordered a Report on the Website or over the telephone through Customer Service, and regardless of whether the User paid for the Report. Use of any kind of the Website or a Report by any User constitutes acceptance of these Terms and Conditions, which are incorporated by this reference into every Report.

A Report is not an insurance policy.

A Report is made for the Property (defined below) and solely for the transaction for which it was originally purchased ("Transaction"). The Property shall not include any property beyond the boundaries of the real property described in a Report. The Property shall not include any structures (whether located on the Property, or not), easements, or any right, title, interest, estate, or easement in any abutting streets, roads, alleys, lanes, ways, or waterways.

IMPORTANT NOTICE: Transferor(s) and transferee(s) shall read a complete Report in its entirety before the close of escrow. A "Signature Page" or "Summary Pages" document may be included in the electronic delivery of the Report. Those documents do not replace the complete Report or remove the need to read a complete Report, and do not remove the requirement to disclose. The Signature Page and Summary Pages documents are subject to these Terms and Conditions.

1. Definitions.

- a. **"Company"** shall mean First American Professional Real Estate Services, Inc., a California corporation, operating through its Natural Hazard Disclosure division, "FANHD."
- b. **"Company Content"** shall mean all editorial content, graphics, data, and information contained in the Report or on the Website, any portion thereof, including the selection, coordination, and arrangement of the editorial content, graphics, data, and information on the Website, and the hierarchy of the Website.
- c. **"Customer Service"** shall mean Company's customer service telephone service department or representatives.
- d. **"User"** shall mean any person or entity.
- e. **"Property"** shall mean the real property specifically described in a Report.
- f. **"Report"** shall mean any residential disclosure report prepared by the Company, including but not limited to a FANHD Residential Property Disclosure Report, available through the Website or Customer Service.
- g. **"Website"** shall mean the www.fanhd.com website, the www.disclosures.com website, the www.reodisclosure.com website, and any other individual sites as may be added to, or available through, the foregoing or any other Company website, including, without limitation, the data and computer code, underlying, contained on, or transmitted from the Website, a Report, and the Company Content. Any reference herein to the Website shall be to each individual item and also to the Website as a whole.

2. **No Third Party Reliance on Any Report.** Only the transferor(s) and transferee(s), and their agents/brokers, if any, involved in the Transaction (collectively, the "Recipients") may use and rely on a Report and only after they have paid in full for the Report. While disclosures made on the Natural Hazard Disclosure Statement in a Report may indicate certain risks to the Property, the disclosures are only "...between the transferor, the transferor's agents, and the transferee, and shall not be used by any other party, including, but not limited to, insurance companies, lenders, or governmental agencies, for any purpose." Cal. Civil Code section 1103.2, subdivision (g).

3. **Seller and Seller's Agent's Responsibility of Full Disclosure.** Recipients are obligated to make disclosures, and always disclose material facts, that are within their actual knowledge.

4. **Scope of Any Report.** A Report is limited to determining whether the Property is located in those specified natural hazard zones and property tax districts, and in proximity to those specified environmental sites (depending on the report product ordered), as defined in the Report. The Report is not a geologic report or a land survey, and no site inspection has been made in producing the Report. Company makes no determination, expresses no opinion or view, and assumes no responsibility in any Report concerning the right, entitlement, or ability to develop or improve the Property. Company has no information concerning whether the Property can be developed or improved. No determination is made, and no opinion is expressed or intended by any Report concerning structures or soils on or outside of the Property, including, without limitation, habitability of structures or the Property, suitability of the Property for construction or improvement, potential for soil settlement, drainage, soil subsidence, or other soil or site conditions. The Recipient(s) is advised to consult the local Planning Department to determine whether factors beyond the scope of any Report may limit the transferee(s) ability to use or improve the Property.

The Report is not a title report, and no determination is made and no opinion is expressed, or intended, by the Report as to title to the Property or liens against the Property, recorded or otherwise, or whether the Property is comprised of legal lots in conformance with the California Subdivision Map Act or local ordinances. The Report is not a property inspection report, and no determination is made and no opinion is expressed, or intended, by the Report concerning architectural, structural, mechanical, engineering, or legal matters, or the marketability or value of the Property. Company has not conducted any testing or physical or visual examination or inspection of the Property, nor is the Report a substitute for any such testing, physical or visual examination, or inspection.

5. **Tax and Environmental Disclosures (if included in Report).** No determination is made and no opinion is expressed, or intended, by a Report concerning the existence of property tax liabilities, or the existence of hazardous or toxic materials or substances, or any other defects, on, under, or in proximity to the Property, unless specifically described in the Report. Company's total liability for any error or omission in its disclosures relating to taxes and/or environmental matters shall be limited to actual proven damages not to exceed \$10,000.



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6. **Company Database Updates.** To the extent databases are used in preparing a Report, each database is updated by the responsible agency at various intervals. Updates for a database are determined by the responsible agency and may be made at any time and without notice. The Company maintains an update schedule and makes reasonable efforts to use updated information. For these reasons, the Company reports information as of the date when the database was last updated by the Company. That date is specified as the "Database Date" for each database. The Tax Report discloses PACE assessments documented in the county's Fiscal Year 2018-2019 annual secured property tax roll. The Report may disclose PACE contracts where PACE taxes were first assessed or liens were recorded after the Fiscal Year 2018-2019 secured property tax roll, where recordation data is available to FANHD. To discover a PACE lien on the Property executed more recently, the buyer should read the preliminary title report and obtain and read all exceptions listed therein. Note that, in the title report, lien exceptions are named as recorded with the county; therefore, a PACE lien may be listed under a name that is not obvious.
7. **Statutory and Additional Disclosures, Advisories, and Local Addenda (if included in Report).** No determination is made and no opinion is expressed, or intended, by a Report concerning the need to purchase earthquake or flood insurance for the Property. In preparing the Report, Company accurately reported on information contained in public maps and databases ("Government Records"). Company reviewed and relied upon those Government Records specifically identified and described in the Report. Company has not reviewed or relied upon any Government Records that are not specifically identified in the Report. Company also has not reviewed any plat maps, survey maps, surveyor maps, assessor maps, assessor parcel maps, developer maps, or engineering maps, whether or not such maps have been recorded. No determination is made and no opinion is expressed, or intended, by the Report concerning any matters identified in Government Records that were not reviewed by Company. Local Addenda, where applicable, are included "AS IS" as an accommodation to the local real estate board that provided the content; Company assumes no responsibility for the accuracy of any information included in the Local Addenda.
8. **FEMA Flood Determination Certificate (if accompanying the Report).** No determination is made, and no opinion is expressed or intended by a Report concerning the requirement for or cost of flood insurance on the Property. Recipient(s) understands that a lender may require flood insurance to secure its loan collateral independent of whether FEMA may require flood insurance under the National Flood Insurance Program on a federally backed mortgage. The FEMA Flood Determination Certificate ("Flood Certificate") that may accompany the Report, is produced by a third-party expert certified by FEMA to provide Flood Certificates. Company assumes no liability for errors in that third-party flood determination.
9. **Changes to Government Record after Report Date.** A Report is issued as of the Report Date identified in the Report. Company shall have no obligation to advise any Recipient of any information learned or obtained after the Report Date even if such information would modify or otherwise affect the Report. Subsequent to Company's acquisition of Government Records, changes may be made to said Government Records, and Company is not responsible for advising Recipients of any changes. Company will update the Report upon request and at no charge during the transaction process for which the Report was issued, but not to exceed one year from the date of the Report. Likewise, Company is not liable for any impact on the Property that any change to the Government Records may have.
10. **Government Record Sources.** Company relies upon the Government Records specifically identified in a Report without conducting an independent investigation of their accuracy. Company assumes no responsibility for the accuracy of the Government Records identified in the Report. Company makes no warranty or representation of any kind, express or implied, with respect to the Report. Company expressly disclaims and excludes any and all other express and implied warranties, including, without limitation, warranties of merchantability or fitness for a particular purpose. The Company Report is "AS IS."
11. **Not for Credit Purposes.**

The Company Content available in any Report has not been collected for credit purposes and is not intended to be indicative of any consumer's credit worthiness, credit standing, credit capacity, or other characteristics listed in Section 1681(a) of the Fair Credit Reporting Act, 15 U.S.C. § 1681 et seq. The Report shall not be used:

 - a. as a factor in establishing an individual's eligibility for credit or insurance,
 - b. in connection with underwriting individual insurance,
 - c. in evaluating an individual for employment purposes,
 - d. in connection with a determination of an individual's eligibility for a license or other benefit granted by a governmental authority,
 - e. in any way that would cause the Report to constitute a "consumer report" under the Fair Credit Reporting Act, 15 U.S.C. § 1681 et seq., or
 - f. in any other manner that would cause such use of the Report to be construed as a consumer report by any pertinent governmental authority.

12. Limitation of Company's Liability

- a. Company is not responsible for:
 - Any inaccuracies or incompleteness of the information in the Public Records.
 - Inaccurate address information provided for the Property.
 - Any other information not contained in the Public Records as of the Report Date.
 - Any information which would be disclosed by a physical inspection of the Property.
 - Any information known by you, a Recipient, a User, the transferor or transferee, or their agents/brokers.
 - The health or risk to humans or animals that may be associated with any of the disclosed hazards.
 - The costs of investigating or remediating any of the disclosed hazards.
- b. In no event shall Company or its data suppliers be liable for any damages resulting from the inability or failure to access or interface with the Website or Customer Service.
- c. Except as otherwise expressly set forth in these Terms and Conditions, Company's total liability and responsibility to all Users accessing the Website, Customer Service, or any Report collectively for any and all liabilities, causes of action, claim or claims, including, but not limited to, claims for breach of contract or negligence, shall be for actual proven damages only caused directly by Company's error. In no event shall Company's total liability exceed the difference between the amount actually paid for the Property and the fair market value on the date of the disclosure, as measured by a retrospective appraisal performed by a licensed professional appraiser under the Uniform Standards of Professional Appraisal Practice. Company expressly disclaims any liability for Recipients' or Users' indirect, incidental and/or consequential damages, including, without limitation, lost profits, even if such damages are foreseeable, and you, User and Recipients hereby waive and release any right to assert a claim against Company for such amounts. The Parties, and each of them, expressly waive the benefits of California Civil Code Section 2778 and 1542 and any other similar provisions. Section 1542 provides that "A general release does not



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extend to claims which the creditor does not know or suspect to exist in his or her favor at the time of executing the release, which if known by him or her must have materially affected his or her settlement with the debtor.

- d. **Product and Service Claims.** User shall provide prompt notice to Company, and a reasonable opportunity to cure, any known error, omission or mistake that may result in a claim on products or services provided under these Terms and Conditions, prior to making a claim against the Company. In addition, User shall use their best efforts to mitigate any losses resulting from any products or services provided pursuant to these Terms and Conditions. If User does not perform according to the requirements of this section, Company will not be liable. User also must provide sufficient documentation, as deemed appropriate by Company, to evidence any out-of-pocket, actual monetary loss.
- e. **Links.** Where Company provides hypertext links to other Internet websites on the Website, or in any Report, the Company does so for informational purposes only, and such links are not endorsements by Company of any products or services on such sites. Company shall not accept, and shall not incur, any liability for such products or services and makes no endorsement or approval of the same.

13. **Reporting of Risk Elements for Condominium Projects, Planned Unit Developments, and Other Properties with Common or Undivided Interests.** Because California's Residential Natural Hazard Disclosure Law requires disclosure if any portion of the Property is located within a specified natural hazard area/zone, a Report must indicate that the subject Property falls within the area/zone if any portion of such a condominium project, planned unit development, or common area is located within a specified hazard area/zone. However, if the property owner has a shared interest in common area or other parcels which extend beyond the subject property's parcel boundary, the Company is not always able to determine if the common area is within a special natural hazard area/zone. Consult with the property's home owners association(s) to determine said risk and responsibility.

14. User Account and Information.

- a. To obtain and use a Report, User must order the Report through the Website or over the telephone through Customer Service or by email. To order the Report online, User must register for an account on the Website and provide information required in the Website registration form. As part of that registration, User agrees to accurately furnish all contact and other information requested by Company and notify Company immediately of any change in the information.
- b. Company reserves the right to refuse or reject any request to create an account for any or no reason at Company's sole discretion. User solely is responsible for their account, contact information and other information made available through User's account or otherwise via the Website. User shall use reasonable care to protect the confidentiality of their account log-in information and will not share it with any other person or entity. User will be entirely responsible for the conduct of any person using their account information to access the Website, Customer Service, or any Report.
- c. User only shall access the Website using a password or other security mechanism to prevent unauthorized access. Sharing of User access is prohibited, and any automation of accessing information is strictly prohibited unless expressly authorized in writing by Company. It is User's sole responsibility to maintain the confidentiality of all usernames and passwords, and User shall be responsible for all charges relating to the use of said usernames and passwords whether or not authorized by User. In no event shall User use the Website, Customer Service, or any Report for illegal purposes or in any manner that is defamatory, libelous, unlawfully threatening or unlawfully harassing, or that otherwise violates any federal, state or local statute, law or regulation, for debt collection, skip tracing, or electronic telephone directory assistance or otherwise breaches or violates these Terms and Conditions.

15. **Confidentiality.** User acknowledges that the Website and any Report contain valuable commercial products, the development of which has involved the expenditure of substantial time and money. User shall take appropriate measures and shall initiate strict security measures to prevent the accidental or otherwise unauthorized use or release of any and all proprietary and confidential information of the Company and any third parties associated with the Report or provided through the Website or Customer Service.

16. **License to Use Website, Customer Service, and Any Report.** Subject to User's compliance with these Terms and Conditions, Company grants User a limited, non-exclusive, revocable, non-assignable, personal and non-transferable license to access and make use of the Website, Customer Service, and any Report solely for the purposes specified in these Terms and Conditions, and not for any other purpose whatsoever. The foregoing license does not include any resale or commercial use of the Website, Customer Service, Report, or Company Content obtained from the Website, Customer Service, or any Report. The Website, Report, and the Company Content therein, and any portion thereof, may not be reproduced, duplicated, copied, sold, resold, visited, or otherwise exploited for any commercial purposes without Company's express written consent. This license does not include any derivative use of this Website or the Report, or any Company Content therein nor any use of data mining, robots, or similar data gathering and extraction tools. User may not frame or utilize framing techniques to enclose any trademark, logo, or other proprietary information (including images, text, page layout, or form) of the Website, the Report or the Company Content without express written consent of the Company. User may not use any meta tags or any other "hidden text" or trademarks without the express written consent of the Company. Any unauthorized use terminates the permission or license granted by the Company.

17. **Use of the Website, Customer Service, and Report.** User acknowledges and agrees that their use of and access to the Website, Customer Service, and any Report may be logged and monitored. User agrees that Company controls the terms of all access to, and use of, the Website (including any upgrades, modifications or updates thereto), Customer Service, and all products, services, and materials contained therein that are delivered by means of the Website, including the Reports, and all third-party products and information and data that may be included therein. The Company reserves the right to revise or alter the Website, Customer Service, the Reports, and the provisions of these Terms and Conditions at any time, in its sole discretion. By accessing or using the Website, Customer Service, or a Report, User agrees not to use the Website, Customer Service, or Report in any way that:

- is unlawful, fraudulent, tortious, or in any other manner Company deems in its sole discretion to be inappropriate or impermissible;
- may harm Company, any Recipient, or any other person or entity;
- violates or infringes the rights of the Company or any third party;
- gains or tries to gain unauthorized access to the Website, Customer Service, Company's computers and networks, any Report, or the Company's data, or that otherwise modifies or interferes with the permitted use or operation of the Website or Customer Service, or the permitted use of the Report;
- imposes an unreasonable or disproportionately large load on Company's infrastructure, including but not limited to transmitting spam or using other unsolicited communications or techniques;
- repurposes, copies, excerpts, disassembles, decompiles, manipulates, alters, damages, or deletes any Company Content or removes or modifies any copyright or other intellectual property notices that appear on the Website or any Report;
- contains computer viruses or other disruptive, damaging or harmful files or programs; or



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- otherwise violates these Terms and Conditions, or any other terms, guidelines, or policies provided by Company.

In addition, User represents and warrants that:

- the information and other content that User provides using the Website, Customer Service, or Report does not infringe, violate, misappropriate or otherwise conflict with the rights of the Company or any third party; complies with all applicable local, state, national, and other laws, rules and regulations; and does not violate these Terms and Conditions;
- User will use their true legal name, address, electronic mail address, and only provide true, accurate and complete information on the Website;
- User will not impersonate another party or misrepresent or falsify their affiliation with another person, such as by using another user name, password or other account information or another name, likeness, image or photograph, or using fictitious personal or address information;
- User is at least 18 years of age, or the legal age of majority where User resides;
- User has all requisite rights and authority to use the Website, Customer Service, and Report, and to enter into these Terms and Conditions; and
- the performance of User's obligations under these Terms and Conditions will not violate, conflict with, or result in a default under any other agreement, including confidentiality agreements between User and third parties.

18. **User Content.** User hereby represents and warrants that any content that they upload to the Website, if permitted, or content that User uses in connection with any Report shall not be used in any manner that is defamatory, libelous, unlawfully threatening or unlawfully harassing, and does not and shall not infringe upon or misappropriate any rights, including, without limitation, intellectual property rights, proprietary rights or confidentiality rights, or rights of publicity or privacy of any third parties or the Company, and that such content is free of worms, viruses, Trojan Horses and other disabling code. For the avoidance of doubt, "content" as used in this section in connection with the User shall be construed broadly so as to include, but not be limited to, all materials, documents, data, information or other materials that User may upload to the Website or use in connection with any Report.

19. Intellectual Property.

- Unless otherwise provided, Company owns the copyrights, trademarks, service marks, and trade dress rights to all materials and content displayed on and from the Website and any Report (including visual interfaces, interactive features, graphics, designs, databases and their data, computer code, products, software and all other elements and components of the Website and Report). User may not reproduce, repurpose, modify, excerpt, create derivative works, display, frame, perform, publish, distribute, sell, disseminate, transmit, broadcast, sell, or circulate any such materials or content, including, without limitation, the Report or Website, or the contents thereof, to any third party (including displaying or distributing the material using a third-party website) without Company's prior written consent.
- Copyrights.** The Website and any Report are owned and copyrighted by Company. No ownership rights are being granted to User by these Terms and Conditions. Subject to the limited license provided in these Terms and Conditions, Company reserves all rights in and to Website and any Report, including, but not limited to, the exclusive rights under copyright and other intellectual property and the right to grant further licenses. User shall only use the Website as specifically stated herein. Company and its licensors reserve and retain all copyright, intellectual property and other proprietary rights in and to Company Content, including without limitation, all rights in any public information that may have been gathered, including as a compilation. All Company Content is protected by U.S. and/or international copyright laws, international treaties and/or other applicable laws. Unauthorized use of the Website or the Company Content is strictly prohibited and may subject User to prosecution. User acknowledges that all information accessed through the Website and any Report are proprietary information of Company, including any third-party suppliers (including, without limitation, real property ownership information) under copyright, and have been furnished to User in trust. Any revision, republication and re-use of Company Content or the Website for any purpose are strictly prohibited in whole or in part. Except as expressly permitted herein, the materials from the Website including, but not limited to, Company Content may be used solely for limited non-commercial informational purposes only as necessary to do business with the Company or for evaluating or purchasing Company's products and services. Except for downloading as may be expressly authorized by Company within specific portions of the Website, the Company Content may not be reproduced, licensed, copied, displayed, published, sold, modified, transmitted or distributed without the Company's prior written permission which may be withheld in Company's sole discretion. Linking to and/or framing the Website is strictly prohibited unless Company expressly consents in writing to such a link or frame, and User enters into a further agreement for such linking to and/or framings. Any person or entity wishing to establish a link to the Website, frame the Website, or request the Company's consent to other uses of the Website or Company Content, may send their request by e-mail to the Company Webmaster. All other uses of the Website and/or Company Content not expressly addressed in these Terms and Conditions are strictly prohibited.
- Trademarks.** Company and/or its parent company, subsidiaries or affiliates own several trademarks and service marks that are used in connection with, among other things, the Website and any Report, including, but not limited to, First American, FANHD, the Eagle logo ® ("Company Marks"). Any use of the Company Marks requires prior approval in writing by the Company which may be withheld in Company's sole discretion. The "look and feel" of the Website and any Report, and the contents thereof, including, without limitation, the Company Content, such as the color combinations, buttons, layout, and other graphical elements are protected by applicable U.S. and international intellectual property laws, including, without limitation, trademark, copyright and trade dress laws. Nothing contained herein shall constitute a license (either express or implied) for User to use any of the Company Marks or trade dress, including the elements that constitute the "look and feel" of the Website and any Report.
- Company retains all rights that are not otherwise expressly granted in these Terms and Conditions.
- At Company's request, User shall return or delete any and all Website or Report content or portion thereof in their possession.

20. In the event of a dispute involving a violation of Paragraphs 15, 16, 17, 18, or 19 of these Terms and Conditions, such dispute shall not be subject to the Small Claims or Arbitration provisions set forth in Paragraph 23 below. In any litigation to stop a violation of those Paragraphs, the prevailing party shall be entitled to recover its reasonable attorneys' fees, expert fees and costs.

21. **Pricings/Billing and Payment Processing.** Company reserves the right to change any Report pricing, including whether a Report is billed for, at any time without notice. To the extent applicable, charges or fees for any Report will be accumulated under the licensee account number and will be invoiced either through escrow or directly to licensee, depending upon how licensee sets up their account. In the event that any credit card payments are processed by a third-party card processing company, such third-party card processing company will be contractually required by Company to use commercially adequate security and confidentiality measures. That agreement requires the card processing company to use adequate security and confidentiality measures to protect User's payment information. All payment information that User provides through the Website will be



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transmitted directly to the card processing company over a secure connection. Company will not record User's credit card number, expiration date, or CVV number. However, this information may be stored by the card processing company in the normal course of its business, or as required or authorized by law, statute, regulation, or Payment Card Industry standard.

22. **Governing Law.** These Terms and Conditions, and a User's use of the Website, Customer Service, or any Report shall be governed by, and construed in accordance with, the laws of the State of California.

23. **Small Claims or Arbitration.** This provision constitutes an agreement to arbitrate disputes on an individual basis. Any party may bring an individual action in small claims court instead of pursuing arbitration. All disputes and claims arising out of or relating to the Website, Customer Service, or any Report, except for those covered by Paragraph 20 above, must be resolved by binding arbitration. This agreement to arbitrate includes, but is not limited to, all disputes and claims between Company, transferor(s) and transferee(s) and claims that arose prior to purchase of the Report, but it excludes disputes and claims covered by Paragraph 20 above. This agreement to arbitrate applies to transferor(s) and transferee(s) successors in interest, assigns, heirs, spouses, and children. As noted above, a party may elect to bring an individual action in small claims court instead of arbitration, so long as the dispute falls within the jurisdictional requirements of small claims court.

Any arbitration must take place on an individual basis. Company, transferor(s) and transferee(s) agree that they are waiving any right to a jury trial and to bring or participate in a class, representative, or private attorney general action, and further agree that the arbitrator lacks the power to grant relief affecting anyone other than the individual claimant. If a court decides that any of the provisions of this paragraph are invalid or unenforceable because the provisions would prevent the exercise of a non-waivable right to pursue public injunctive relief, then any dispute regarding the entitlement to such relief (and only that relief) must be severed from the arbitration and may be litigated in court.

The arbitration is governed by the Consumer Arbitration Rules (the "AAA Rules") of the American Arbitration Association ("AAA"), as modified by this Agreement, and will be administered by the AAA. Company will pay all AAA filing, administration and arbitrator fees for any arbitration it initiates and for any arbitration initiated by another party for which the value of the claims is \$75,000 or less, unless an arbitrator determines that the claims have been brought in bad faith or for an improper purpose, in which case the payment of AAA fees will be governed by the AAA Rules. **A COPY OF THESE RULES IS AVAILABLE FROM THE AAA'S WEB SITE AT WWW.ADR.ORG OR ON REQUEST FROM THE COMPANY. THE ARBITRATION AWARD MAY INCLUDE ATTORNEY'S FEES IF ALLOWED BY FEDERAL, STATE, OR OTHER APPLICABLE LAW AND MAY BE ENTERED AS A JUDGMENT IN ANY COURT OF PROPER JURISDICTION.**

The arbitration will take place in the same county in which the property covered by the Report is located. The Federal Arbitration Act will govern the interpretation, applicability and enforcement of this arbitration agreement. This arbitration agreement will survive the termination of the Report.

24. **Term; Termination.** The application of these Terms and Conditions will commence upon User's acceptance of the provisions of these Terms and Conditions by clicking "I Accept," calling Customer Service, or in any way accessing any Report or portion thereof and shall continue in perpetuity, unless sooner terminated pursuant to the terms hereof (the "Term"). Notwithstanding the foregoing, upon written notice to User, the Company may immediately terminate these Terms and Conditions, and terminate User's access to and use of the Website, Customer Service, and all Reports, for any reason at any time.

25. **Notices.** Any notice or other communication required or permitted under these Terms and Conditions shall be sufficiently given if delivered in person or sent by one of the following methods:

- a. Registered U.S. mail, return receipt requested (postage prepaid);
- b. Certified U.S. mail, return receipt requested (postage prepaid); or
- c. Commercially recognized overnight service with tracking capabilities.

Notices to the Company shall be sent to 4 First American Way, Santa Ana, California 92707, with a copy to the Company's counsel at the same address marked Attention: Legal Department. Notices to User shall be sent to the address entered by User in the Website. Notices or communications shall be deemed properly delivered as of the date personally delivered or sent by mail or overnight service.

26. **Severability.** Except as otherwise provided above, if any provision of these Terms and Conditions is determined to be invalid or unenforceable for any reason, then such provision shall be treated as severed from the remainder of the Terms and Conditions, and shall not affect the validity and enforceability of all of the other provisions of the Terms and Conditions.

27. **Other Agreements.** These Terms and Conditions constitute the entire, integrated agreement between Company and any User using, possessing, or accessing the Website and/or Report, and supersede and replace all prior statements, representations, negotiations, and agreements.

END OF REPORT

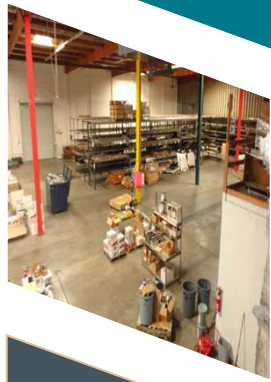
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F.3 - 3175 Airway Costa Mesa CA Property Condition Report

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EBI Consulting

Acquisition Property Condition Report



EBI Consulting
environmental | engineering | due diligence

Acquisition Property Condition Report

Prepared for:

City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92628



3175 Airway Avenue

3175 Airway Avenue
Costa Mesa, California

EBI Project No. 1319000059

February 26, 2019



February 26, 2019

Mr. Adam B. Eliason
City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92628

Subject: Acquisition Property Condition Report, 3175 Airway Avenue
3175 Airway Avenue, Costa Mesa, California
EBI Project #1319000059

Dear Mr. Eliason:

Attached please find our Acquisition Property Condition Report, (the *Report*) for the above-mentioned asset (the Subject Property). During the property survey and research, our property surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the property and its history. The *Report* was completed according to the terms and conditions authorized by you.

The exclusive purpose of this Acquisition Property Condition Report (the *Report*) is to observe the general physical condition and maintenance status of the property, to suggest repair or maintenance items considered customary for the property to continue in its current operation compared to properties of similar age and condition, and to assist City of Costa Mesa, in its Due Diligence effort in evaluating the Property.

This *Report* was performed utilizing methods and procedures consistent with established commercial practices and in conformance with industry standards. The suggestions represent *EBI's* opinion based on written, graphic or verbal information, the property condition and data available to us at the time of the survey. Factual information regarding operations, conditions or data provided by the Client, occupants, owner or their representative has been assumed to be correct and complete.

The *Report* speaks only as of its date in the absence of a specific written update of the *Report* signed and delivered by EBI Consulting.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the *Report* or on the closing of any business transaction.

Thank you for the opportunity to prepare this *Report*, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully Submitted,

David Candy, P.E.
Author/Project Engineer

Luis Munoz 407.399.4747
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Niko Paiz
Account Executive

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EXECUTIVE SUMMARY TABLE

<i>Property Name:</i> 3175 Airway Avenue <i>Address:</i> 3175 Airway Avenue <i>City and State:</i> Costa Mesa, California <i>Site Survey Date:</i> February 19, 2019 <i>Report Date:</i> February 26, 2019 <i>EBI Project #:</i> 1319000059		<i>Property Type:</i> Industrial <i>Property Age:</i> 47 <i>No. of units or tenants:</i> 2 <i>Square feet:</i> 29,816 <i>Analysis Term:</i> 10								
Section #	Section Name	Condition					Action Required	Immediate Repairs	Short Term Repairs	Replacement Reserves
		Excellent	Good	Fair	Poor	NA				
SITE CONDITIONS										
2.1	Topography and Drainage		✓				✓	\$1,591	\$3,054	
2.2	Pavement and Parking		✓	✓					\$19,394	\$6,255
2.3	Site Amenities & Landscaping		✓	✓					\$1,500	
2.4	Utilities		✓							
BUILDING CONDITIONS										
3.1	Substructure		✓						\$2,138	
3.2	Superstructure		✓						\$4,472	
3.3	Facades (Walls, Windows & Doors)		✓				✓	\$47,037		\$29,041
3.4	Roofing		✓						\$7,213	\$25,548
3.5	Basements/Attics					✓				
3.6	ADA Compliance				✓		✓	\$16,808		
INT. FINISHES & COMPONENTS										
3.7	Interior Finishes & Components				✓					
3.8	Mold		✓							
BUILDING SYSTEMS										
4.1	Plumbing		✓				✓	\$850		\$1,000
4.2	HVAC		✓	✓	✓		✓	\$43,145		\$15,392
4.3	Electrical			✓	✓		✓	\$500		\$21,417
4.4	Fire/Life Safety			✓	✓		✓	\$7,026		
4.5	Elevators					✓				
MATERIAL CODE VIOLATIONS										
5.0	Codes			✓						
OTHER STRUCTURES, AMENITIES, SPECIAL INTEREST ITEMS										
	None					✓				
TOTALS:								\$116,958	\$37,771	\$98,653
							Dollars per sf/yr			
Present Value of Replacement Reserves Cost Estimate							\$0.33			\$98,653
Inflated Value of Replacement Reserves Cost Estimate							\$0.40			\$118,539
Immediate Repairs and Deferred Maintenance Cost Estimate								\$154,729		
Short Term Repairs Cost Estimate									\$37,771	
Total Deferred Maintenance Cost Estimate, After Multiplier								\$185,674		

EXECUTIVE SUMMARY & PROPERTY DESCRIPTION

The Subject Property, known as 3175 Airway Avenue, is located in Costa Mesa, California at 3175 Airway Avenue. The Subject Property was reportedly constructed in 1972. The Subject Property consists of a one-story, approximately 29,816-net rentable square foot^{±1}, multi-tenant, industrial facility on a 1.34-acre lot.

The Subject Property was vacant at the time of the survey:

The Subject Property lease structure is reportedly 100% triple net – with the tenant(s) reportedly responsible for all maintenance, upkeep and keeping in compliance the entire premises and improvements thereupon. The landlord reportedly has no maintenance responsibilities during their tenure. The following Immediate, Short-Term and Replacement Reserve Items noted in this Report and accompanying cost analysis tables are listed in the case of a lease default by the tenant during the analysis term.

David Candy of *EBI* surveyed the property on February 19, 2019 and was provided access but was otherwise unaccompanied. At the time of the survey, the weather was sunny and approximately 62° Fahrenheit. During the survey, representative areas of the site, all interior tenant spaces, mechanical spaces, and mechanical equipment and building components were observed.

EBI's Pre-Survey Questionnaire was forwarded to the designated property contact. The information requested in the questionnaire assists in *EBI's* research of the Subject Property to obtain pertinent property data; discover existing physical deficiencies, chronic problems, the extent of repairs, if any, and their costs; and pending repairs and improvements. The *Pre-Survey Questionnaire* was completed and returned.

The Subject Property appears to be in fair condition. It is *EBI's* professional opinion that the Remaining Useful Life (RUL) of the Subject Property is estimated to be not less than 40 years, based on its current condition and maintenance status, assuming any recommended Immediate Repairs or Replacement Reserves are completed, and appropriate routine maintenance and replacement items are performed on an annual or as-needed basis. Please see the Executive Summary Table for a compilation of recommended Immediate Repairs and/or Replacement Reserves.

ESTIMATE OF REPLACEMENT VALUE FOR INSURANCE PURPOSES

The estimate of insurable replacement value was not included in the scope of this analysis and report.

SUBJECT PROPERTY SUMMARY

The following summary describes and comments on the primary Subject Property components. Please see the body of the *Report* for complete survey results for all sections.

¹ Square footage obtained from the Owner's representative.

PAVEMENT & PARKING

The property is improved with asphalt-paved vehicle parking areas located at the west, north and east sides of the building, with concrete loading dock, truck maneuvering and service areas. A single entry drive provides access to the Subject Property at the southwest corner from Airway Avenue from the south and at the northeast corner from McCormick Avenue from the east.

Overall Condition **Good to Fair**

LANDSCAPING & AMENITIES

The property has moderate established landscaping at the front and east side of the site and building and in islands in the parking area. The property signage is limited to tenant identification signage on the glass entrance doors and the building address on the façade. Concrete walkways and exterior stairs and ramps are provided.

Overall Condition **Good to Fair**

BUILDING STRUCTURE & FACADES

The building structure consists of pre-cast tilt-up concrete exterior walls, wood interior columns and a panelized wood roof structure of glu-lam beams, purlins and subpurlins with a plywood roof deck.

The primary exterior materials consist of painted, precast, tilt-up, concrete wall panels and aluminum framed storefront assemblies with glass entrance doors at the southwest and northeast corner office areas.

The facades have painted contrasting-colored, banding along the top of the wall panels. A two-story main lobby at the southwest corner with a glazed storefront system accentuates the primary tenant office area and entry. A secondary sub-tenant entrance with storefront system is provided at the northeast corner of the building.

Overall Condition **Good to Fair**

ROOF

The Subject Property has a low-slope built-up roof with a mineral cap with an applied white silicone coating.

The Subject Property has small secondary roofs within two recessed mechanical equipment wells consisting of low-slope built-up roofs with a mineral cap with an applied white silicone coating.

Overall Condition **Good to Fair**

MAJOR MECHANICAL SYSTEMS

The building office areas are heated and cooled by rooftop-mounted, packaged gas heating/electric cooling HVAC units. The building warehouse areas are heated with a suspended gas-fired unit heater. No warehouse mechanical cooling is provided.

Two 30-gallon electric water heater provides hot water for restroom fixtures.

Fire and life safety equipment includes an automatic wet-pipe fire sprinkler system with exterior localized alarm, however no fire control panel or monitored fire alarm system is provided. No elevators serve the building. No emergency generators are present.

Overall Condition **Good to Fair to Poor**

SYSTEM RESPONSIBILITY

Maintenance, repair and replacement of the roofs, facades, landscaping, pavement and parking, mechanical systems, interior finishes and plumbing, electrical, HVAC and life safety systems and components at the property are reportedly the responsibility of the Subject Property tenant(s).

The lease structure is triple net, NNN. However, various electrical, plumbing, sprinkler, fire alarm and life safety items are recommended as Immediate Repairs, Short Term Repairs, and/or Replacement Reserves. The work is needed for code compliance or in case of lease default by the tenant.

The building is currently vacant. General day-to-day maintenance is currently not being performed. Repair and maintenance of large-scale equipment, i.e., roofing, fire and smoke detection and alarm systems, etc., are subcontracted to outside vendors. The level and quality of on-site maintenance repairs reviewed while at the Project Site exhibited considerable deferred maintenance.

INTERIOR COMPONENTS

Interior spaces consist of the main and secondary entrance lobbies, stairways, corridors, office areas, conference room, break room, restrooms and warehouse areas. All interior spaces are tenant spaces. There are no common areas.

Overall Condition **Fair to Poor**

SUBJECT PROPERTY DESCRIPTION

The Subject Property is comprised of the improvements described above, situated on a rectangular-shaped parcel with an address of 3175 Airway Avenue. The Subject Property has approximately 368 feet of frontage along Airway Avenue and 146 feet in depth along McCormick Avenue.

Local surface arteries, Interstate, and state highway systems provide access to the property. The Subject Property is located approximately 0.24 miles northwest of the Orange County Airport, 0.55 miles southeast of the 405 Freeway and 0.38 miles southeast of the 55 Freeway.

The site is essentially level, generally sloping southeast matching surrounding topography. There is an approximately 2 to 3 foot elevation change and landscaped berm from the building pad elevation down to the municipal curb along Airway Avenue along the south property line and at the southeast corner of the site, tapering to grade at the northeast corner of the site along the east property line along McCormick Avenue. The site is graded to provide tailgate high truck loading docks along the west building elevation and at the exterior loading dock at the northeast corner of the building and site. Loading docks along the north building elevation are grade-level drive-in types.

The Subject Property is improved with one rectangularly-shaped building. The building has rough dimensions of 230 feet in length along the north wall and varies in depth from 144 feet at the west end to 95 feet in depth at the east end and is configured so that the building is one story tall on all sides with a

two-story interior primary tenant office area at the southwest corner and extending along the south wall and a secondary two-story interior sub-tenant office area at the northeast corner.

Each tenant space is directly accessed from the exterior and there are no common interior areas and no areas intended for public access, such as showrooms.

The interior is divided into office areas and warehouse areas. Support areas include the management offices, receiving and warehouse areas, utility areas, restrooms and an employee break room.

The warehouse portions of the building have clear heights of approximately 24 feet.

In general, the Subject Property appears to have been constructed within industry standards with minimal maintenance since being vacated.

MUNICIPAL INFORMATION & ZONING

MUNICIPAL INFORMATION

Readily available, reasonably ascertainable and publicly viewable municipal records at *City of Costa Mesa Building Safety Division, Planning Division, and Department of Finance*, were reviewed on-line and/or were provided by the owner.

According to information provided by the *Building Safety Division*, the subject building was constructed and first occupied 1972. According to the available information at the time of the survey, with the exception of the tenant upgrades, no significant additions or alterations have been completed at the Subject Property since construction in 1972.

ZONING

The municipal zoning office personnel were consulted, the zoning office files were reviewed, and/or the zoning ordinance was reviewed to determine the zoning of the Subject Property. According to the information provided the Subject Property appears to be located within a *MP Zoning district* and appears to be a conforming use.

1.0 PURPOSE & LIMITATIONS

The exclusive purpose of this Acquisition Property Condition Report (the *Report*) is to observe the general physical condition and maintenance status of the property, to suggest repair or maintenance items considered customary for the property to continue in its current operation compared to properties of similar age and condition, and to assist City of Costa Mesa, in its Due Diligence effort in evaluating the Property. Amendments to *EBI's* limitations as stated herein that may occur after issuance of the *Report* are considered to be included in this *Report*. *EBI's* liability to a purchaser wishing to use this *Report* is limited to the cost of the *Report*. By accepting draft and final *Reports*, City of Costa Mesa agrees to these terms and limitations.

The information reported was obtained through sources deemed reliable, a visual site survey of areas readily observable, easily accessible or made accessible by the property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property. Municipal information was obtained through file reviews of reasonably ascertainable standard government record sources, and interviews with the authorities having jurisdiction over the property. Findings, conclusions and recommendations included in the *Report* are based on our visual observations in the field, the municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied drawings and documents. No disassembly of systems or building components or physical or invasive testing was performed. *EBI* renders no opinion as to the property condition at un-surveyed and/or inaccessible portions of the Subject Property. *EBI* relies completely on the information provided during the site survey, or provided or obtained during the writing of the draft *Report*, whether written, graphic or verbal, provided by the property contact, owner or agent, or municipal source, or as shown on any documents reviewed or received from the property contact, owner or agent, or municipal source, and assumes that information to be true and correct. *EBI* assumes no responsibility for property information or prior reports withheld or not provided during preparation of the *Report* for any reason whatsoever. The observations in this *Report* are valid on the date of the survey. *EBI* uses the date of first occupancy to establish the Subject Property age.

The gathering of data and information for this and extent of the physical survey for the production of this *Report* has been limited, by contract and agreed upon Scope of Work to visual observations and a walk through of the property. Assumptions regarding the overall condition of the property have been developed based upon a survey of representative areas of the Subject Property. As such, no representation of *all* aspects of *all* areas or components is made.

Immediate Repairs as may be identified during the survey are typically limited to life, safety, health, building code violation or building or property stabilization issues observed at the Subject Property. Routine, normal or customary annual maintenance or preventative maintenance items are not reported or included in this *Report*.

Short Term Repairs as may be identified during the survey are typically repairs that are not life, safety, stabilization or code issues, but deferred maintenance or repairs necessary or of significant cost so to warrant them as a Short Term Repair, and/or that can't be completed within a short timeframe due to the magnitude of the issue, the scope of work or weather.

This assessment is based on the evaluator's opinion of the physical condition of the improvements and the estimated expected remaining useful life of those improvements, based on his observations in the field at the time of the survey, and the written or verbal information received. The conclusions presented are based on the evaluator's professional judgment. The actual performance of individual components or systems may vary from a reasonably expected standard and may be affected by circumstances that are not readily ascertainable or viewable, or that occur after the date of the survey.

Where quantities cannot be determined from information provided or physical takeoffs, lump sum estimates or allowances are used. The costs shown are based on professional judgment and the apparent or actual extent of the observed defect, including the cost to design, procure, construct and manage the repair or replacement. Where property-unique or specialty equipment is present, *EBI* relies solely on data regarding maintenance and/or replacement costs provided by the designated site contact or on-site individuals with first-hand knowledge of the specific equipment.

EBI provides Pre-Survey Questionnaires for completion by the designated site or property contact, as provided by City of Costa Mesa or their agent. The information requested in the questionnaire assists in our research of the Subject Property to obtain pertinent property data, discover existing physical deficiencies, chronic problems, the extent of repairs, if any, and their costs, and pending repairs and improvements. If the completed Pre-Survey Questionnaire is not returned as of this *Report*, this is a limiting factor in our analysis. If the questionnaire is returned at a later date showing a material difference from information provided in the *Report*, we will forward the questionnaire to you under separate cover. If no response is received, or no material difference is noted in the questionnaire, our *Report* will not be modified.

EBI may not have been provided with roof design or installation details, and may not have been provided with warranty information (see Section 3.4). *EBI* has relied on general industry performance of similar type roofs and general observations of the surface covering of the roof to determine if roof replacement is warranted during the analysis term. *EBI* is not responsible for roof failure that may occur earlier than estimated due to hidden conditions or defects that cannot be readily ascertainable by general observation.

EBI may not have been provided with façade reports, and cannot opine on costs to repair façades of buildings five stories or more without receipt of current façade reports (see Section 3.3). *EBI* has relied on general industry performance of similar façade systems and general observations of the surfaces of the façades to determine if repair or replacement is warranted during the analysis term. *EBI* is not responsible for façade failures that may occur earlier than estimated due to hidden conditions or defects that cannot be readily ascertainable by general observation.

If the municipality in which the Subject Property is located has governing ordinances requiring façade studies, and a copy is not provided to *EBI*, this is a limiting factor in our assessment and analysis. Prudent property management will have had façade reports completed on their high-rise property, and if a copy of the report is not provided to *EBI*, this too, is a limiting factor in our assessment and analysis.

The survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The *Report* speaks only as of its date, in the absence of a specific written update of the *Report*, signed and delivered by EBI.

Any additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost. This *Report* has been prepared in accordance with our Standard Conditions for Engagement, which is an integral part of this *Report*.

CONDITION

EBI uses terms describing conditions of the various site, building, and system components. The terms used are defined below. It is important to note that a given “condition” term will be applied to the condition of the *overall* system, which does not preclude that a part or a section of the system or component may be in a different condition.

Excellent	The majority of the component(s) or system(s) are in new or like new condition, and little or no maintenance is recommended.
Good	The majority of the component(s) or system(s) are performing their function. The component(s) or system(s) may show signs of normal aging or wear and tear, and some remedial and routine maintenance or rehabilitation work may be necessary.
Fair	The component(s) or system(s) are marginally performing, but may be obsolete and/or is approaching the end of its expected useful life. The component or system may exhibit Deferred Maintenance, evidence of previous repairs, or workmanship not in compliance with commonly accepted standards. Significant repair or replacement may be recommended to prevent further deterioration, restore it to good condition, prevent premature failure, or to prolong its expected useful life.
Poor	The component(s) or system(s) are either failed or cannot be relied upon to continue performing its original function as a result of having exceeded its typical expected useful life, excessive Deferred Maintenance or state of disrepair. Present condition could contribute to or cause the deterioration of other adjoining elements or systems. Immediate Repair or replacement is recommended.

ABBREVIATIONS

EBI may use various abbreviations to describe various site, building or system components or legal descriptions. Not all abbreviations may be applicable to all *Reports*. The abbreviations most often utilized are defined below.

ACT	Acoustic Ceiling Tile	FRT	Fire retardant treated plywood
ABS	Acrylonitrile-Butadiene-Styrene	GFI	Ground Fault Interrupt (circuit)
ADA	Americans with Disabilities Act	GWB	Gypsum Wall Board
AHU	Air Handling Unit	HCP	Handicapped Person
APA	American Plywood Association	HID	High Intensity Discharge (lighting)
BTU	British Thermal Unit (a measurement of heat)	HVAC	Heating, Ventilating and Air Conditioning
BTUH	British Thermal Units per Hour	HWH	Hot Water heater
CFM	Cubic Feet per Minute	KVA	Kilovolt Ampere
CMU	Concrete Masonry Unit	MBH	Thousand BTUs per Hour
CPVC	Chlorinated Poly Vinyl Chloride	MDP	Main Distribution Panel
EIFS	Exterior Insulating Finishing System	OSB	Oriented Strand Board
EPDM	Ethylene Propylene Diene Monomer	PTAC	Packaged Terminal Air Conditioning (Unit)
EUL	Expected Useful Life, Effective Useful Life	PVC	Poly Vinyl Chloride
FF&E	Furniture, Fixtures & Equipment	RTU	Roof Top Unit
FCU	Fan Coil Unit	RUL	Remaining Useful Life
HCP	Handicapped Person	TPO	Thermoplastic polyolefin
FEMA	Federal Emergency Management Agency	UBC	Uniform Building Code
FHA	Forced Hot Air	VAV	Variable Air Volume box
FHW	Forced Hot Water	VCT	Vinyl Composition Tile
FIRM	Flood Insurance Rate Map	VWC	Vinyl Wall Covering
FOIA	Freedom Of Information Act		

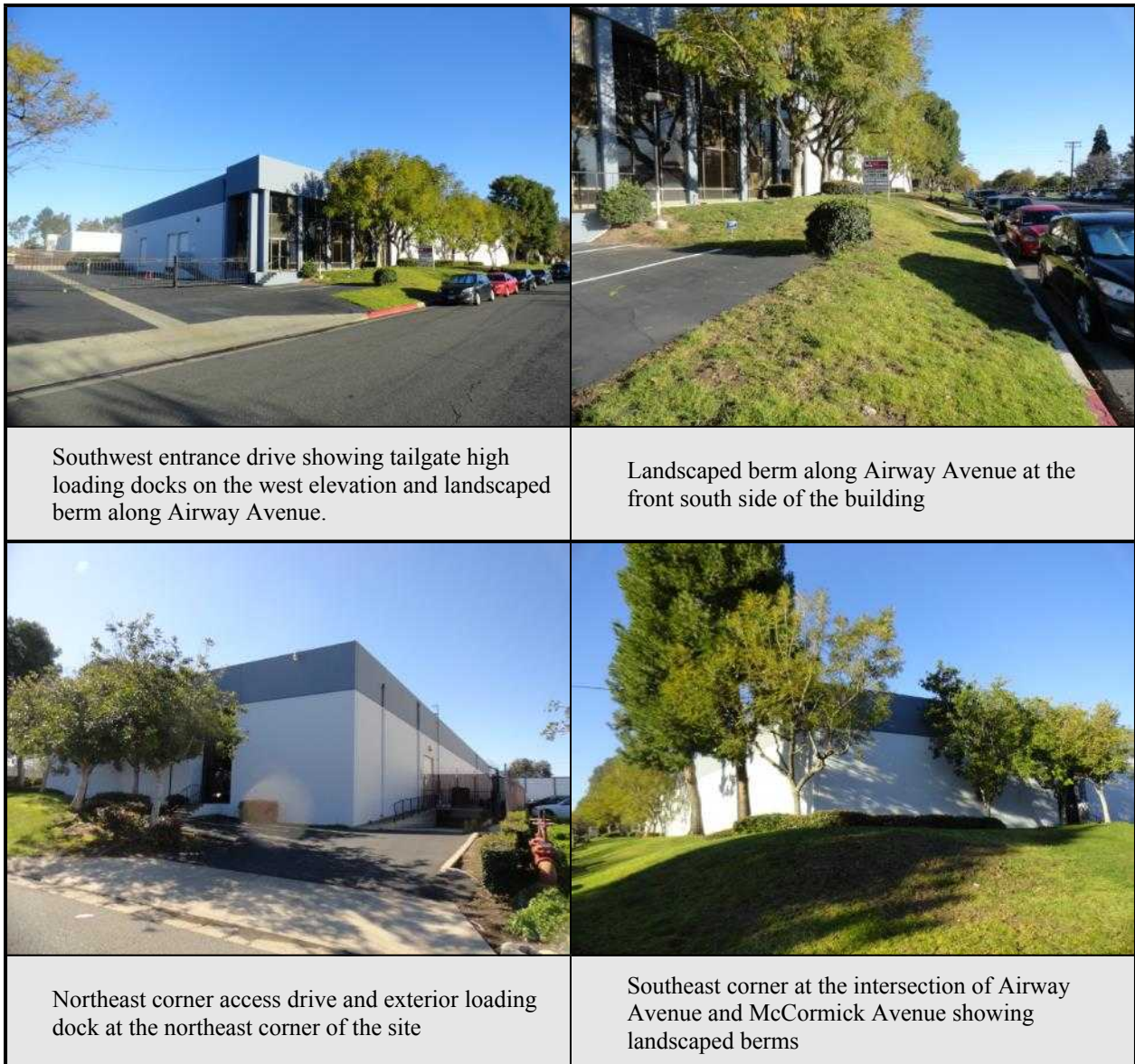
2.0 SITE CONDITIONS

2.1 TOPOGRAPHY

DESCRIPTION

The Subject Property is essentially level surrounding the building pad, generally sloping southeast matching surrounding topography. There is an approximately 2 to 3 foot elevation change and landscaped berm from the building pad elevation down to the municipal curb along Airway Avenue along the south property line and at the southeast corner of the site. This slope tapers to grade at the northeast corner of the site, along the east property line along McCormick Avenue.

The site is graded locally to provide three tailgate high truck loading docks along the west building elevation and at the exterior loading dock at the northeast corner of the building and site. Two loading dock doors along the north building elevation are grade-level drive-in types.



CONDITION

No topography problems were reported or observed. Detriments or problems such as ground fractures, settlement areas, or evidence of erosion or chronically standing water were not observed.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**



EBI GIS, Copyright: © 2013 National Geographic Society, i-cubed

Legend

- ★ Project Site
- Site Radius at ¼ and ½ mile

USGS 24K Quad: Tustin, CA 1986, Newport Beach (digital), CA 1986

Date: 2/8/2019

Figure 2 - Topographic Map

**3175 AIRWAY AVE
3175 AIRWAY AVE
COSTA MESA, CA 92626**

PN: 131900059

EBI Consulting
environmental | engineering | due diligence

2.2 PAVEMENT AND PARKING

DESCRIPTION

According to the site plans, the property is improved with parking areas for a total of 37 parking spaces. According to a count in the field, the subject property is striped for a total of 8 parking spaces. Currently only 2 spaces at the southwest building entrance, 2 spaces at the northeast building entrance and 4 spaces in the parking area at the southwest corner of the site are striped. The site plans provided in the offering memorandum show an additional 29 spaces previously striped along the west property line west of the building. Recent asphalt sealcoating has covered these parking spaces over, without restriping. The existing parking includes no standard handicapped-accessible spaces and no van handicapped-accessible spaces. See *Section 3.6 Americans with Disabilities Act (ADA) Accessibility* for additional handicapped-accessible parking information.

The parking areas have asphalt pavement. The pavement at the loading dock, truck maneuvering area and service area is comprised of concrete.

The parking is configured in lots at the southwest and northeast entrances to the building and at the southwest corner of the site. Two entry drives provide access to the Subject Property at the southwest corner of the site from Airway Avenue from the south and at the northeast corner of the site from McCormick Avenue from the east.

The parking areas have cast-in-place concrete curbing. The loading areas have concrete aprons for truck ingress and egress.

Based on a total parking capacity of 37 spaces and a building floor area of 29,816 square feet, we estimate a ratio of 1.24 parking spaces/1000 SF of building floor area. Parking requirements at the time of original construction are unknown; however, at least the original 37 total spaces should be provided if possible during pavement restriping.





Four parking spaces are provided at the southwest corner of the site



Plans show a total of 29 additional parking spaces along the west side of the building and along the west property line



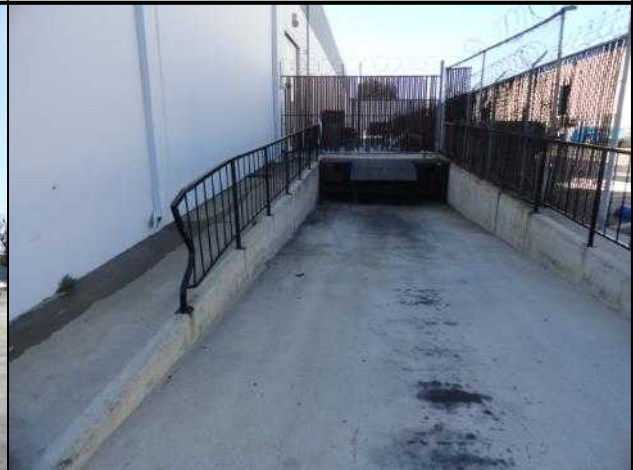
Asphalt paving condition showing seal coating applied over incomplete crack repairs



Asphalt paving condition showing seal coating applied over incomplete crack repairs



Tailgate high loading docks and concrete aprons along west building elevation



Exterior tailgate high loading dock and apron at the northeast corner of the building

	
Drive-in dock door and concrete apron with cracks on the north elevation at the east end	Drive-in dock door and concrete apron with cracks on the north elevation at the west end

CONDITION

No problems were reported regarding the adequacy of the parking areas.

The asphalt paved areas are in good to fair condition. No problems with the paved areas were observed. However, linear cracking in the asphalt pavement were noted at a number of locations beneath the recently applied seal coating. Crack repairs were inadequate. Based on observed conditions, Immediate Repairs are recommended for crack repairs, seal coating and striping, including striping for additional parking spaces west of the building.

Based on the observed condition of the parking and drive areas and the average effective useful life of pavement and pavement sealants and striping, repairs to the asphalt, the application of sealants and striping of the parking and/or lane markings are recommended as Replacement Reserves.

The concrete pavement was noted to be in fair condition with cracking noted at the loading dock area. Based on observed conditions, Short Term Repairs are recommended for concrete pavement repairs. Based on the observed condition, reported age and average effective useful life, Replacement Reserves are recommended for concrete pavement repairs during the analysis term.

The curbs are in good condition and will be maintained as part of operational expenses during the analysis term.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **Patching, crack sealing, sealing and striping**
- **Patch and repair concrete**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Patching, crack sealing, sealing and striping**
- **Patch and repair concrete**

2.3 LANDSCAPING, SITE IMPROVEMENTS & SITE AMENITIES

DESCRIPTION

The property has moderate established mature landscaping at the front of the site along Airway Avenue and along the east side of the site along McCormick Avenue, around the south and east sides of the building and in islands in the parking areas.

An automatic irrigation system is present in the landscaped areas, equipped with a multi-station controller and a backflow preventer at the connection to the domestic water system.

Signage is limited to tenant identification on the office area entrance glass doors and a vertical tenant identification sign at the northeast corner office entrance.

Concrete onsite walkways are provided for pedestrian traffic at the office area entrances. Two exterior stairs, one ramp and one sloping walkway provide access to the building at office area entrances and the west side of the warehouse area. They are constructed with concrete with the stairs and ramp provided with steel pipe railings.

Lighting is provided by facade-mounted fixtures equipped with HID lamps, spaced around the building perimeter and at service areas and soffit mounted recessed downlight fixtures equipped with compact fluorescent lamps at building entrances.

Other site amenities include a chain link fencing and a masonry trash enclosure.



Typical landscaping



Landscape irrigation system backflow preventer view



Concrete stairs and steel railings at southwest entrance



Concrete ramp and railing into warehouse area on the west elevation



Concrete stairs, railing and signage at the northeast building entrance



Concrete walkway leading to secondary entrance to the southwest office area



Damaged railing at northeast corner exterior loading dock



Masonry trash enclosure and chain link fencing



CONDITION

The property landscaping appears to be in good condition. Landscape maintenance is handled as an operating expense.

The sidewalks appear to be in good to fair condition with no observed areas of deterioration or significant trip hazards. The walkway to the secondary southwest entrance exhibits some minor vertical displacement at expansion joints and should be observed in the future for tripping hazards. Based on observed conditions, Short Term Repairs are recommended for sidewalk repairs.

The railing at the exterior loading dock at the northeast corner of the building exhibits impact damage. Based on observed conditions, Short Term Repairs are recommended for railing repair.

The building signage appear to be in good condition and will be maintained as part of operational expenses during the analysis term.

The exterior light fixtures appear to be in good condition. The lighting levels were not evaluated at night, however, the height, spacing and number of fixtures appear to be adequate and are consistent with neighboring properties of this type. Routine maintenance is recommended during the analysis term.

Dumpster enclosure appears to be in fair condition and will be maintained as part of operational expenses during the analysis term.

The site stairs appear to be in good condition and will be maintained as part of operational expenses during the analysis term.

The chain link and wrought -iron fencing and rolling access gates are in good condition and will be maintained as part of operational expenses during the analysis term.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **Repair concrete sidewalks**
- **Repair wrought-iron railing at northeast corner exterior loading dock**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

2.4 MUNICIPAL SERVICES & UTILITIES

2.4.1 Water & Sewer

DESCRIPTION

Mesa Water provides water service and the City of Costa Mesa/County of Orange provides sewer service to the Subject Property site. The sewer is discharged by gravity into the municipal lines beneath the abutting street. The domestic water service is provided with a backflow preventer.

2.4.2 Gas/Oil

DESCRIPTION

Southern California Gas Company provides natural gas service to the Subject Property. No oil service is provided to the Subject Property.

2.4.3 Electrical

DESCRIPTION

Southern California Edison provides electric service to the site. The service enters the property overhead to a pole and pole-mounted transformer located along the west side of the site, and then runs underground with secondary feeders to the main switchgear located in the warehouse area along the west building wall. A separate service is provided for the sub-tenant space located at the northeast corner of the warehouse, overhead from a pole-mounted transformer to a weather head with conduit down to a main disconnect and breaker panel in the sub-tenant space. The utility reportedly owns and maintains the lines up to the poles on the property lines. The secondary feeders to the switchgear are the responsibility of the Subject Property owner.

2.4.4 Storm Drainage

DESCRIPTION

The storm water flow from the site is directed by the site topography, resulting in sheet flow dispersal to curbs extending along the perimeter of parking areas and concrete swales in the center of parking areas and driving isles leading off site to municipal drainage systems along the adjacent road frontages. The building roof drain through parapet scuppers into sheet metal downspouts discharging to surface drainage systems on grade. The storm drainage system is the responsibility of the Subject Property owner



Storm water drainage systems



Storm water drainage swales



Storm water is directed off site to municipal systems



Power is provided from pole-mounted transformers with secondary feeders underground to the main switchboard in the warehouse area



Power for the sub-tenant space at the northeast corner of the building is provided overhead down to electrical panel and main breaker



Water meter in yard box with reduced pressure backflow preventer

OVERALL CONDITION

There were no reported or observed problems with the Subject Property water, sewer, gas, oil, electric, or storm water drainage connections, systems, sizes, or capacities. Drainage appears sufficient, as areas of ponding or standing water were not observed during the survey. The utilities appear to be configured and operated in a manner consistent with their intended use, adequate for the use type, and appear to be in good condition.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

2.5 NATURAL HAZARDS

DESCRIPTIONS

2.5.1 Seismic

Chapter 16 of the 1997 edition of the Uniform Building Code (UBC) was reviewed to determine the Seismic Zone of the Subject Property. Chapter 16 includes calculations for and mapping of earthquake (seismic) loads on structures. Figure 16-2, Seismic Zone Map of the United States delineates differing ratings of seismic load. These ratings indicate the severity of how horizontal ground motion and sub-surface soil types affect a structure. Figure 16-2 shows the United States having seismic Zones ranging from 0 to 4.

2.5.2 Flood Zone

The Federal Emergency Management Agency (FEMA) maps and rates flood hazard zones throughout the United States. These zones are depicted on a Flood Insurance Rate Map (FIRM), designated by Community Map and Panel numbers. The flood hazard zones range from Zone A or AE (A1 – A130), with Base Flood Elevations (BFE) determined, to Zone X, unshaded, areas outside the 500-year floodplain. EBI utilizes CDYS' RiskMeter (Transamerica Data) First American Flood Data Services' Flood Insights mapping system to obtain the Flood Zone Determination of the Subject Property. First American Flood Data Services searches the FEMA FIRM map and panel to obtain the Flood Zone Determination of the Subject Property.

2.5.3 Wind Zone

FEMA maps and rates wind hazard zones, Special Wind Regions and Hurricane-Susceptible Regions throughout the United States. These zones are depicted on a Map of Wind Zones in the United States on FEMA's website – www.fema.gov/fima/tsfs13.shtm and <http://www.fema.gov/graphics/library/wmap.gif>.

CONCLUSIONS

2.5.1 Seismic

According to Figure 16-2 in the *UBC*, the Subject Property appears to be located in Zone 4, with a high probability of damaging ground motion.



2.5.2 Flood Zone

The Subject Property Flood Zone Determination appears to be Zone X, defined as an area outside the 100- and 500-year floodplains, as shown on First American Flood Data Services' Flood Hazard Certification, Community Map #060216, Panel #0286J, dated December 3, 2009.

FloodInsights Report For: 3175 Airway Ave, Costa Mesa CA 92626

33.680155/-117.870670

Geocoding Accuracy: MP

Original Input Address: 3175 Airway Ave, Costa Mesa CA 92626

Flood Zone Determinations

SFHA **Within 250 feet of multiple flood zones?**

Out No

Map Number

06059C0286J









Community	Community_Name	Zone	Panel	Panel_Date	Cobra
060216	COSTA MESA, CITY OF	X	0286J	December 3, 2009	COBRA_OUT

FIPS Code **Census Tract**

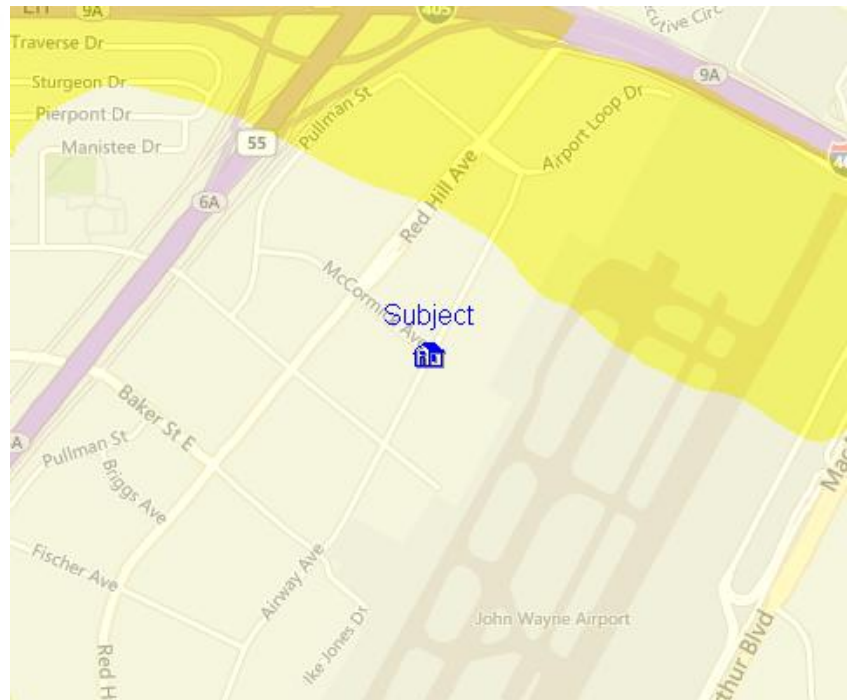
06059 06059062610

FloodMap Legend

Flood Zones

-  Areas inundated by 500-year flooding
-  Areas outside of the 100- and 500-year floodplains
-  Areas inundated by 100-year flooding
-  Areas inundated by 100-year flooding with velocity hazard
-  Floodway areas
-  Floodway areas with velocity hazard
-  Areas of undetermined but possible flood hazards
-  Areas not mapped on any published FIRM

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2.5.3 Wind Zone

Based on FEMA's Map of Wind Zones in the United States, the Subject Property appears to be located in Zone I, up to 130 mph winds. The Subject Property is not located in a Hurricane Susceptible Region and is not located in a Special Wind Region.



3.0 BUILDING CONDITIONS

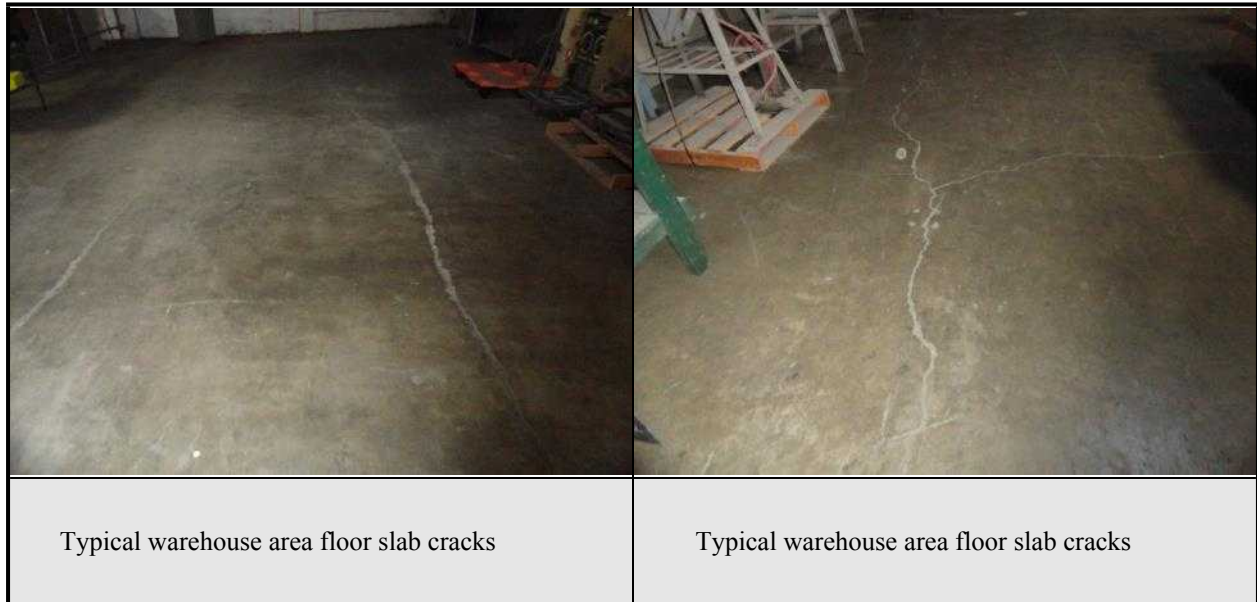
3.1 SUBSTRUCTURE

DESCRIPTION

The majority of the Subject Property substructure was not visible due to the surrounding grade. Construction documents were not available for our review. Based on our visual survey the property appears to have cast-in-place, reinforced concrete foundations supporting the exterior walls and load bearing interior walls and/or columns.

Concrete slabs-on-grade of underdetermined thickness are provided throughout the building. The design and construction of the foundation footings is intended to properly spread out the building's vertical loads without exceeding the bearing capacity of the underlying soil. In cold climates the footings are constructed below the prescribed frost level to minimize movement due to freeze-thaw conditions. Varying sizes of steel reinforcing bars typically exist in the foundation walls and footings for tensile and bending strength. The concrete floor slabs are typically reinforced with welded wire mesh or steel reinforcement bars or fiber mesh for added flexural strength and to minimize cracking.

The concrete slabs are generally constructed over a compacted gravel or sand base and vapor barrier to aid in preventing water migration from the bearing soil to the slab.



CONDITION

The majority of the Subject Property substructure was not visible due to the surrounding grade. The substructure appears to be sound and in good condition. No indications of problems with the substructure were reported or observed. Unless visible, EBI's assessment of substructure condition is primarily based on obvious irregularities with the superstructures (including limited observations of exterior and interior construction and finishes) and the condition of the slab-on-grade when present. The condition of substructure hidden construction elements, or defects not readily observable, cannot be opined on, and is beyond the standard scope of work for this project.

Based on limited observations, the substructures appear to be in good overall condition and are performing as designed. No obvious indications of irregularities, including differential settlement, sloped floors, significant cracks, out of plumb building elevations, or other perceived movement, were reported or observed. However, cracks and previous repaired cracks in the warehouse floor slab were observed. Based on observed conditions, Short Term Repairs are recommended for epoxy compound repairs of floor slab cracks.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **Concrete floor slab crack repairs in warehouse areas**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

3.2 SUPERSTRUCTURE

DESCRIPTION

The superstructure is partially obscured from view by interior and exterior finishes.

The superstructures reportedly consists of structural, tilt-up, precast concrete exterior wall panels with interior wood columns, glue-laminated beams and solid sawn wood purlins and subpurlins supporting a plywood roof deck. Interior office area structures consist of solid sawn wood wall stud framing supporting wood beams, floor joists and plywood floor decks.





Detail of roof structure



Roof deck framing at the exterior wall panels



Office area separation walls seen from the warehouse area



Occupancy separation wall framing between primary tenant space and sub-tenant space



Office area framing



Office area second floor deck framing

CONDITION

Based on the overall appearance and observed general condition of the building, the superstructure appears to be sound and in good condition. No problems were noted or reported. Fire retardant treated plywood was not reported or observed.

The underside of the roof deck has foil insulation applied that is not cut back to provide air circulation/ventilation to prevent formation of condensation between the foil and roof deck. The condensation has the potential to cause corrosion of the framing brackets and fasteners. Where foil insulation was loose or missing and observation of the framing brackets and fasteners was possible, corrosion was not observed. Based on observed conditions, Short Term Repairs are recommended to cut back the foil insulation to provide increased ventilation and prevent future condensation and corrosion.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **Cut back foil insulation to allow ventilation**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

3.3 FACADES

DESCRIPTION – FACADES

During the site survey, representative building facades were viewed from the surrounding grade, from windows at upper floors and adjacent roofs. In-depth analysis of the façades is beyond the scope of work for this *Report*.

The primary exterior materials consist of painted, precast, tilt-up, concrete wall panels and aluminum framed storefront assemblies with glass entrance doors at the southwest and northeast corner office areas.

The facades have painted contrasting-colored, banding along the top of the wall panels. A two-story main lobby at the southwest corner with a glazed storefront system accentuates the primary tenant office area and entry. A secondary sub-tenant entrance with storefront system is provided at the northeast corner of the building.

DESCRIPTION – EXTERIOR DOORS AND WINDOWS

The exterior doors consist of average-quality, commercial-grade, aluminum and glass doors accessing the entrance lobbies. Service and access doors are painted hollow insulated metal.

A two-story main lobby at the southwest corner with a single-pane glazed storefront system accentuates the primary tenant office area and entry. A secondary sub-tenant entrance with single-pane glazed storefront system is provided at the northeast corner of the building.

Three 10' wide x 12' high tail-gate high loading docks with roll-up doors are provided on the west building elevation. One has a manual dock leveler and bumpers. Two 12' wide x 14' high drive-in roll-up dock doors are provided on the north building elevation. One exterior tail-gate high loading dock with manual leveler and bumpers is provided at the northeast corner of the building. The roll-up doors are painted steel and equipped with manual chain-operators.



Southwest corner elevation, showing south (front) and west facades



Southeast corner elevation, showing south (front) and east facades



Northwest corner elevation, showing west and north facades



Northeast corner elevation, showing south (front) and east facades



Details at the southwest main building entrance



Details at the northeast sub-tenant space entrance



Secondary entrance and stairway egress at the southwest office area



Details of storefront glazing system



Typical condition of vertical panel joints



Typical condition of vertical panel joints



Typical poor condition of glazing gaskets and sealants



Typical poor condition of glazing gaskets and sealants

CONDITION

The estimate of the façade condition is based on representative observed areas of the exterior walls and the age of the improvements. These do not represent a comprehensive or in-depth façade survey. Therefore, observations in this Report cannot be the sole source of façade analysis. Concealed and/or obscured façade material attachment systems were not viewed. The condition of the façades' hidden defects, if any, or defects not readily observable from the viewing areas mentioned above, cannot be opined on, and is beyond the standard scope of work.

The observed areas of the facades appear to be in fair condition overall.

The painted finishes appear to be in fair condition, exhibiting fading, chalking and limited peeling. Based on observed conditions, Short Term Repairs are recommended for exterior wall painting. Based on the reported age and observed condition of the Subject Property's painted finishes on the facades, and on other exterior building components, and the average effective useful life of paint coatings, Replacement Reserves are recommended for exterior painting during the analysis term.

The observed vertical concrete tilt-up panel joint sealants appear to be in fair condition, weathered and exhibiting initial drying and cracking. Based on observed conditions, Short Term Repairs are recommended for renewal of the vertical panel joint sealants. Based on their observed condition, reported age and average effective useful life, Replacement Reserves are recommended for renewal of the vertical panel joint sealants during the analysis term.

Aside from normal wear, the observed doors appear to be in good condition and will be maintained as part of operational expenses during the analysis term.

The observed windows and doors appeared to be weather tight and in good to fair condition. There is considerable evidence of aging glazing gaskets and aging wet-sealing throughout the storefront systems. The window gaskets are reported to be 47 years old. Based on observed conditions, Short Term Repairs are recommended for renewal of window and door sealants.

Exterior and interior areas of the Subject Property building were visually surveyed for the presence of termites or termite activity. No observations were conducted within concealed locations (construction elements behind exterior or interior wall finishes, and other building components, etc.). No disassembly of systems or building components or physical or invasive testing was performed. EBI renders no opinion as to the property condition at un-surveyed and/or inaccessible portions of the Subject Property. During the visual survey of the Subject Property, evidence of termite activity was not observed.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **Concrete wall panel vertical joint sealant renewal**
- **Renewal of the sealants around the windows and doors**
- **Exterior painting**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Exterior painting**

3.4 ROOFING

DESCRIPTION

As part of the survey, the Roof was surveyed by a representative of EBI Consulting, and a separate Roof Report was completed. The report recommended certain actions and repairs as Immediate or Short Term Repairs. The following is a brief description of the roof as reported in the above referenced report. Please refer to the report for a more detailed description of the roofing system and findings. A copy of the Roof Report is included in *Appendix E* of this *Report*.

The Subject Property has a low-slope built-up roof with a mineral cap with an applied white silicone coating.

The Subject Property has small secondary roofs within two recessed mechanical equipment wells consisting of low-slope built-up roofs with a mineral cap with an applied white silicone coating.



CONDITION

Please refer to the detailed conditions and recommendations in the Roof Report from EBI Consulting. The report provides recommendations for Immediate Repairs, or Short Term Repairs and/or Replacement Reserve work items, and the work described therein is recommended to be performed accordingly. The recommendations from the Report are included in the bulleted Recommendations below. A copy of the Roof Report is included in *Appendix E* of this *Report*.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **Roof repairs**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Proactive Roof Maintenance Program (PMP)**

3.5 BASEMENTS/ATTICS

DESCRIPTION

The Subject Property has no basement or attic spaces.

CONDITION

Not applicable.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

3.6 HANDICAPPED ACCESSIBILITY

DESCRIPTION

The *Americans with Disabilities Act (ADA), Title III, 28 CFR Part 36*, enacted July 26, 1990 and effective January 26, 1992, governs public accommodation and commercial properties. *Title III* of the *ADA* divides facilities into two basic categories: places of *public accommodation* and *commercial facilities*, with different obligations for each facility type. The provisions of *Title III* provide that persons with disabilities should have accommodations and access to public facilities that are equal, or similar, to those available to the general public. Assessment of any other *Titles*, or their provisions of the *ADA*, including those that govern employer and/or tenant responsibilities, is specifically excluded from this Scope of Work and *Report*. Since tenants and employers at properties are usually responsible for making their leased areas *ADAAG*-compliant, assessment for *ADAAG* compliance in these areas was not completed.

Regardless of a property's age, these areas and facilities must be maintained and operated to comply with the *Americans with Disabilities Act Accessibility Guidelines (ADAAG)*. Facilities initially occupied after the effective date are required to fully comply with the *ADAAG*. Existing facilities constructed prior to this date are held to the lesser standard of compliance as *Title III* calls for owners of buildings occupied prior to the effective date to expend "reasonable" sums, and make "reasonable efforts", to make "practicable" or "readily achievable" modifications to remove barriers, unless said modification would create an undue financial burden on the property or is structurally infeasible. When renovating buildings occupied prior to the effective date, the area renovated, and the path of travel accessing the renovated area, must comply with the *ADAAG*. As an alternative, a *reasonable accommodation* pertaining to the deficiency must be made. The definitions of "reasonable," "reasonable efforts," "practicable," and "readily achievable," are site dependent and vary based on the owner's financial status.

Due to the unique nature of each property, the extent of analysis required, and the many variables of compliance with the *ADAAG* guidelines, the evaluation of costs for full *ADAAG* compliance is beyond the scope of this *Report*. A separate *ADAAG Compliance Audit* may be ordered and may reveal aspects of the property that are not in compliance.

For the purposes of this *Report* the survey is limited to visual observations of only a representative sample of areas readily observable or easily accessible, and to those areas set forth in *EBI's Modified Accessibility Compliance Checklist and Costs* included in Appendix C of this *Report*. The survey is limited to identifying potential routine maintenance or renovation actions that can increase accessibility

over time and may or may not, achieve full ADAAG compliance. Places of *public accommodation* at the Subject Property were visually observed for general compliance with the major requirements of the ADA, taking into consideration the current use of the property, its age and renovation history. No actual measurements were taken to verify compliance.

If you have additional questions concerning the ADA and the ADAAG, calls can be made to the *United States Department of Justice (USDOJ) ADA Hotline* at (800) 514-0301 followed by touching “7” on the touch tone keypad. Additionally, information is available online at the *USDOJ ADA* website at <http://www.usdoj.gov/crt/ada/adastd94.pdf> or <http://www.access-board.gov/adaag/html/adaag.htm>.

Given the existing number of parking spaces at the property of 37, the property must have 2 handicapped-accessible spaces to be considered to be in compliance with ADA, and one van-accessible parking space to be considered in compliance. The property has no parking spaces configured to be ADA compliant. To bring the property into compliance with regard to ADA and its stated parking requirements, 2 handicapped-accessible spaces, one of which must be a van-accessible parking space are required to be added. This information is presented in *EBI’s Modified Accessibility Compliance Checklist and Costs below*.

	
<p>Southeast main office entrance and west warehouse area entrance and parking are not ADA compliant</p>	<p>Secondary office area entrance/egress exit and sloping walkway are not ADA compliant</p>
	
<p>Northeast entrance sub-tenant office entrance and parking is not ADA compliant</p>	<p>Restrooms are not ADA compliant</p>



CONDITION

No areas of the Subject Property fall into the *public accommodation* category. If the future tenant will have interior areas that fall into the *public accommodation* category, it is a tenant responsibility to provide facilities that are ADA compliant. No ADA compliant features are currently provided.

A visual review of the property, in conformance with *EBI's Modified Accessibility Compliance Checklist and Costs*, concluded that the Subject Property is not in general conformance with the *ADAAG*. Modifications to correct observed *ADAAG* deficiencies for the Subject Property and their associated estimated costs, are detailed in *EBI's Modified Accessibility Compliance Checklist and Costs* immediately following.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **Complete ADA compliance upgrades**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

MODIFIED ACCESSIBILITY COMPLIANCE CHECKLIST AND COSTS

3175 Airway Avenue
 3175 Airway Avenue
 Costa Mesa, California
 EBI Project #131900059

Compliance Checklist				Recommended Actions and Estimated Costs					
Building History		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	Has the management previously completed an ADA compliance review?		✓						
2	Have any ADA improvements been made to the property?		✓						
3	Does a Barrier Removal Plan exist for the property?		✓						
4	Has the Barrier Removal Plan been reviewed/approved by an arms-length third party such as an engineering firm, architectural firm, building department, other agencies, etc.?		✓						
5	Has building ownership or management received any ADA-related complaints that have not been resolved?		✓						
6	Is any litigation pending related to ADA issues?		✓						
Parking		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	Does there appear to be sufficient handicapped-accessible parking spaces with respect to the total number of reported spaces?		✓		Provide additional handicapped-accessible parking spaces to bring property into compliance.	1	\$200	each	\$200
2	Does there appear to be sufficient van-accessible parking spaces available (96" wide/ 96" aisle for van)?		✓		Provide additional van-accessible parking spaces (1 of every 8 handicapped-accessible spaces) to bring property into compliance.	1	\$250	each	\$250
3	Do the accessible spaces appear to be marked with the International Symbol of Accessibility on the paving?		✓		Provide handicapped-accessible parking designation on the paving in each space.	1	\$200	each	\$200
4	Do the accessible spaces appear to be marked with the International Symbol of Accessibility on a vertically-mounted sign?		✓		Provide handicapped-accessible parking designation vertically-mounted at the nose of each accessible space.	1	\$150	each	\$150
5	Do the van-accessible spaces appear to be marked with a sign reading "Van-Accessible"?		✓		Provide signage denoting 'van-accessible' status of each van space beneath vertically-mounted handicapped-accessible signage.	1	\$150	each	\$150
6	Does there appear to be at least one accessible route provided within the boundary of the site from public transportation stops, accessible parking spaces, passenger loading zones, if provided, and public streets and sidewalks?		✓		Provide delineated accessible route within the site as required, such as adjacent to parking spaces, crossing hazardous vehicle areas, and from main roadways or public transportation stops, to bring the property into compliance.	19	\$7	per linear foot	\$133
7	Do curbs on the accessible route appear to have depressed, ramped curb cuts at drives, paths, and drop-offs?		✓		Provide ramped curb cuts as necessary along the site's accessible route and at passenger drop-off areas. Provide roughened surface to delineate cuts from adjacent walks or paved areas.	1	\$1,500	each	\$1,500
8	Does signage appear to exist directing you to accessible parking and an accessible building entrance?		✓		Provide signage delineating path from parking spaces to accessible building entrance.	1	\$150	each	\$150
Ramps		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	If there is a ramp from parking to an accessible building entrance, does it appear to meet slope requirements? (1:12)			✓	Rear warehouse man-doors at grade level can be used for access to warehouse and office areas.				
2	Are ramps that appear longer than six feet (6'-0") complete with railings on both sides?			✓					
3	Does the width between railings appear to be at least 36 inches?			✓					
4	Is there a level landing for every 30 feet of apparent horizontal length of ramp, at the top, and at the bottom, of ramps and switchbacks?			✓					
Entrances and Exits		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	Does the main accessible entrance doorway appear to be at least 32 inches wide?	✓							
2	If the main entrance does not appear to be accessible, are there alternate entrances that appear to be accessible?	✓							
3	Does the alternate accessible entrance appear to be able to be used independently?	✓							
4	Is the door hardware easy to operate (lever/push type hardware, no twisting required, and not higher than 48 inches above the floor)?	✓							
5	Do main entry doors, other than revolving doors, appear to be available?	✓							
6	If there are two main doors in series, does the minimum space between the doors appear to be 48 inches plus the width of any door swinging into the space?			✓					
Paths of Travel		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	Does the main path of travel appear to be free of obstruction and appear to be wide enough for a wheelchair (at least 36 inches wide)?	✓							
2	Does a visual scan of the main path reveal any obstacles (phones, fountains, etc.) that appear to protrude less than four inches into walkways or corridors?	✓							
3	Do floor surfaces appear to be firm, stable, and slip resistant (carpets wheelchair friendly)?	✓							
4	Does it appear that at least one wheelchair-accessible public telephone is available? (only required if public phones are provided for the general public)			✓					
5	Does it appear that wheelchair-accessible facilities (toilet rooms, exits, etc.) are properly identified with signage?		✓		Provide signage for wheelchair-accessible facilities.	1	\$25	each	\$25
6	Is there an apparent path of travel that does not require the use of stairs?	✓							
7	If audible fire alarms are present, does it appear that visual alarms (strobe light alarms) are also installed in all common areas?			✓					
Elevators		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	Do the call buttons appear to have visual signals to indicate when a call is registered and answered?			✓					
2	Does the "UP" button appear to be above the "DOWN" button?			✓					
3	Does there appear to be visual and audible signals inside cars indicating floor change?			✓					
4	Does there appear to be standard raised and Braille marking on both jambs of each hoist way entrance?			✓					
5	Do elevator doors appear to have a reopening device that will stop and reopen a car door if an object or a person obstructs the door?			✓					
6	Do elevator lobbies appear to have visual and audible indicators of car arrival?			✓					

MODIFIED ACCESSIBILITY COMPLIANCE CHECKLIST AND COSTS

3175 Airway Avenue
 3175 Airway Avenue
 Costa Mesa, California
 EBI Project #1319000059

Compliance Checklist				Recommended Actions and Estimated Costs					
7	Does the elevator interior appear to provide sufficient wheelchair turning area (51" x 68")?		✓						
8	Do elevator controls appear to be low enough to be reached from a wheelchair (48 inches front approach/54 inches side approach)?		✓						
9	Do elevator control buttons appear to be designated by both Braille and by raised standard alphabet characters (mounted to the left of the button)?		✓						
10	If a two-way emergency communication system is provided within the elevator cab, does it appear to be usable without voice communication?		✓						
Restrooms		Yes	No	Not Applicable	Comments/Disposition	Quantity	Unit Price	Units	Total Cost
1	Do common area public restrooms appear to be located on an accessible route?	✓							
2	Do pull handles appear to be push/pull or lever type?	✓							
3	Does there appear to be audible and visual fire alarm devices in the toilet rooms?		✓		Provide audible and visual fire alarm devices in toilet rooms.	2	\$75	each	\$150
4	Do corridor access doors appear to be wheelchair-accessible (at least 32 inches wide)?	✓							
5	Do public restrooms appear large enough to accommodate a wheelchair turnaround (60" turning diameter)?		✓		Modify layout to accommodate a wheelchair turnaround or convert into one-person restroom.	2	enter est. cost	lump sum	\$10,400
6	In unisex toilet rooms, does there appear to be safety alarms with pull cords?			✓					
7	Do the stall doors appear to be wheelchair accessible (at least 32" wide)?		✓		Widen stall doors at accessible stall to meet minimum clearance required.	2	\$500	per stall door	\$1,000
8	Do grab bars appear to be provided in toilet stalls?		✓		Provide compliant grab bars installation.	2	\$250	per set	\$500
9	Do the sinks appear to be provided with clearance for a wheelchair to roll under (29" clearance)?		✓		Provide minimum undersink clearance for wheelchair access to sink.	2	\$500	per sink	\$1,000
10	Do sink handles appear to be operable with one hand without grasping, pinching or twisting?		✓		Provide blade sink handles for faucet operation.	2	\$250	per faucet	\$500
11	Do exposed pipes under sink appear to be sufficiently insulated against contact?		✓		Provide pipes beneath sinks with insulation.	2	\$50	per sink	\$100
12	Do soap dispensers, towel dispensers and other accessories appear to be reachable (48" from floor for frontal approach, 54" for side approach)?		✓		Relocate bathroom accessories to appropriate mounting heights for accessibility.	2	\$50	per accessory	\$100
13	Does the base of one mirror appear to be mounted no more than 40" from the floor?		✓		Provide tilted mirror for wheelchair use, or remount flat mirror at accessible height.	2	\$150	per mirror	\$300
Total Estimated Cost of Accessibility Compliance Recommendations:									\$16,808

3.7 INTERIOR FINISHES & COMPONENTS

DESCRIPTION

The interior areas into which entry was made possible by the site contact are finished with average quality, but dated materials. The finishes generally consist of the materials listed in the table below.

<i>TYPICAL INTERIOR FINISHES</i>			
AREA OR ROOM	FLOOR	WALLS	CEILING
Lobbies	Carpeting, vinyl floor	Painted GWB	Suspended acoustic tile, Painted GWB
Offices	Carpet	Painted GWB	Suspended acoustic tile
Restrooms	Ceramic tile, vinyl floor tile	Ceramic tile	Painted GWB
Stairs	Vinyl floor tile	Painted GWB	Suspended acoustic tile
Mechanical/Utility Rooms	Vinyl floor tile, bare concrete	Painted GWB	Exposed structure
Warehouse	Bare concrete	Bare concrete, painted concrete, painted GWB	Open wood structure with foil insulation

The Subject Property has interior tenant areas consisting of lobbies, support areas, interior corridors, stairways, conference rooms and break rooms. There are no interior common areas at the Subject Property.



Main entrance lobby at southwest corner of the building

Main lobby viewing east into office areas and corridor



Typical office area finishes on ground floor



Ground floor office area secondary egress doorway



Second floor office area finishes



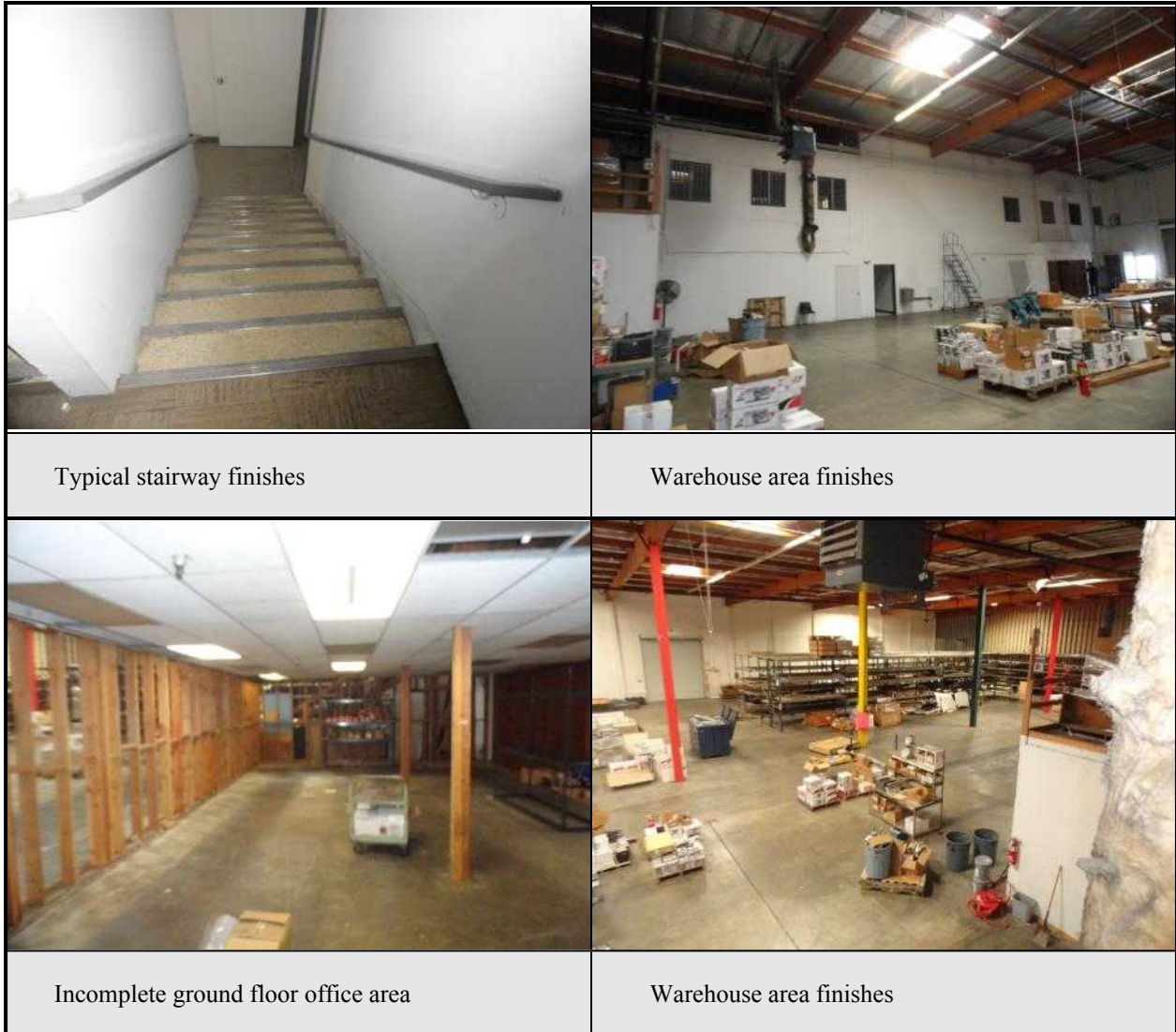
Sub-tenant office area entrance lobby at the northeast corner of the building



Sub-tenant office area at the northeast corner of the building



Typical restroom finishes and fixtures



CONDITION

The building and interior spaces appear to have been vacant for a prolonged period of time. A representative sampling of the tenant spaces were surveyed and comments regarding their condition are listed below.

The interior finishes were worn, damaged or partially demolished. Comprehensive tenant improvements and refurbishment will be necessary before occupancy. The tenant improvements, refurbishment and renovations are a future tenant responsibility. New tenant refurbishment is not calculated in this *Report* as reserves for this work are typically carried elsewhere during underwriting.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- None

Please see Table 1 for the recommended Short Term Repairs listed below:

- None

Please see Table 2 for the recommended Replacement Reserves listed below:

- None

3.8 SUSPECT MOLD AND MOISTURE

Interior areas of the Subject Property buildings to which access was provided, and in which building elements were readily observable, were reviewed for the presence of moisture and visible or olfactory evidence of microbial development (suspect mold). No observations were conducted within concealed locations (construction elements behind wall and ceiling finishes, and other building components, etc.). No sampling or testing was performed to confirm the presence of invisible airborne microbial elements. In addition to *EBI's* observation efforts, property personnel did not indicate the presence of moisture or suspect mold during the survey, or in *EBI's* Pre-Survey Questionnaire.

Representative Subject Property observations and interviews revealed no obvious visual or olfactory indications of the presence of active moisture or suspect mold activity. No recommendations concerning moisture or mold are made at this time.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

4.0 BUILDING SYSTEMS

4.1 BUILDING PLUMBING

DESCRIPTION

As part of the survey, the plumbing fixtures and equipment was surveyed by a representative of EBI Consulting, and a separate MEP FLS Report was completed. The report recommended certain actions and repairs as Immediate or Short Term Repairs. The following is a brief description of the plumbing equipment as reported in the above referenced report. Please refer to the report for a more detailed description of the equipment and findings. A copy of the Plumbing Report is included in *Appendix E* of this *Report*.

Observed domestic water distribution piping is copper. Sanitary sewer, waste, drain and vent piping is PVC and cast-iron.

Natural gas distribution piping is malleable black steel with natural gas used in the rooftop gas/electric HVAC units.

Domestic hot water is provided at the building by two electric water heaters. The domestic hot water temperature set point is controlled locally, at the water heaters. The water supplied by the city appears to come in at a high enough pressure that booster pumps and fire pumps are not necessary to distribute water throughout the building.

The subject property has 7 total restrooms with total fixture counts of 7 toilets, 7 restroom sinks, 2 urinals, 1 shower, and 2 water bubblers. Typical toilets are 1.6 gpf, floor-mounted, vitreous china with stainless steel or chrome plated metal fittings. Typical restroom sinks are 1.2 gpm, wall-mounted or surface mount style with solid surface countertops. The urinals are rated for 0.6 gpf and the showerhead flowrate is estimated to be 2.0 gpm. All plumbing fixtures are manual valves. There is also a break room sink that is missing a faucet fixture and drain piping.





Figure 2.1.3 – Nonfunctional urinal



Figure 2.1.4 – Typical restroom sink



Figure 2.1.5 – Private restroom showerhead



Figure 2.1.6 – Water bubbler

CONDITION

Please refer to the detailed conditions and recommendations in the MEP FLS Report from EBI Consulting. The report provides recommendations for Immediate Repairs, or Short Term Repairs and/or Replacement Reserve work items, and the work described therein is recommended to be performed accordingly. The recommendations from the Report are included in the bulleted Recommendations below. A copy of the MEP FLS Report is included in *Appendix E* of this Report.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**
- Please see Table 1 for the recommended Short Term Repairs listed below:
- **Replace electric hot water heater 30-gallon (Qty. 2)**
 - **Replace break room sink fixture and piping (Qty. 1)**
 - **Replace urinal, manual flush, water saving 0.5 gpf (Qty. 1)**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

4.2 HVAC

DESCRIPTION

As part of the survey, the plumbing fixtures and equipment was surveyed by a representative of EBI Consulting, and a separate MEP FLS Report was completed. The report recommended certain actions and repairs as Immediate or Short Term Repairs. The following is a brief description of the plumbing equipment as reported in the above referenced report. Please refer to the report for a more detailed description of the equipment and findings. A copy of the Plumbing Report is included in *Appendix E* of this *Report*.

The HVAC equipment consists of packaged rooftop-mounted air conditioners with natural gas furnaces which serve the various office spaces in the building. There are a total of 5 units, but only the 2 most recently installed Carrier units are fully operational with capacities of 5 tons each. The older Day & Night units have each had their natural gas shut-off valves closed and 2 out of 3 of them have been abandoned completely with electricity disconnected. One office is supplemented by a thru-wall air conditioner that dispels heat into the warehouse. The warehouse is largely unconditioned with the exception of a single gas-fired unit heater. The building does not contain any dedicated exhaust fans.



Figure 2.4.1 – Older Day & Night HVAC



Figure 2.4.2 – Abandoned HVAC unit



Figure 2.4.3 – Supplemental thru-wall AC



Figure 2.4.4 – Gas Unit Heater

CONDITION

Please refer to the detailed conditions and recommendations in the MEP FLS Report from EBI Consulting. The report provides recommendations for Immediate Repairs, or Short Term Repairs and/or Replacement Reserve work items, and the work described therein is recommended to be performed accordingly. The recommendations from the Report are included in the bulleted Recommendations below. A copy of the MEP FLS Report is included in *Appendix E* of this *Report*.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **Replace 3-ton rooftop package unit – 100% OA, Single Zone (Qty. 3)**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Replace 4-ton rooftop package unit – 100% OA, Single Zone (Qty. 1)**

4.3 BUILDING ELECTRICAL

DESCRIPTION

As part of the survey, the Subject Property electrical equipment was surveyed by a representative of *EBI Consulting*, and a separate MEP FLS Report was completed. The report recommended certain actions and repairs as Immediate or Short Term Repair, and includes Replacement Reserves. The following is a brief description of the electrical equipment found at the Subject Property as reported in the above referenced report. Please refer to the report for a more detailed description of the equipment and findings. A copy of the MEP FLS Report is included in *Appendix E* of this *Report*.

The incoming electrical service feeds main service switchboard; feeding secondary runs to circuit breaker panels located throughout the Subject Building where it is distributed to the point of use. The main service switchboard is rated for 600-Amp, 240-Volt, 1-phase, 3-wire service and was manufactured by General Electric. The electrical circuit breaker panels vary in age and manufacturer, but most are rated for 225 Amp capacity. There are currently 2 E-MON D-MON electric sub meters measuring the energy consumption of separate electrical panels and end uses. Also present at the site is a phase converter which allows certain machinery to be operated with 3-phase electrical service.

The building is almost exclusively by T12 fluorescent lighting fixtures in both the warehouse and office areas. A portion of the lighting was disabled at the electrical breaker panels and was not tested for quality control. The Subject Property reportedly has branch copper wiring and standard electrical devices, switches, and fixtures consistent with the Subject Property use type.



Figure 2.3.1 – Incoming electrical service



Figure 2.3.2 – Electrical Switchboard



Figure 2.3.3 – Electrical Breaker Panels



Figure 2.3.4 – Typical T12 fluorescent lighting

CONDITION

Please refer to the detailed conditions and recommendations in the MEP FLS Report from EBI Consulting. The report provides recommendations for Immediate Repairs, or Short Term Repairs and/or Replacement Reserve work items, and the work described therein is recommended to be performed accordingly. The recommendations from the Report are included in the bulleted Recommendations below. A copy of the MEP FLS Report is included in *Appendix E* of this Report.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **Replace nonfunctional lighting fixtures (Qty. ~5)**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Replace 600A Main Circuit Breaker, single phase (Qty. 1)**
- **Replace panel board, 3 wire, 225 amp main lugs, 36 circuits (Qty. 2)**
- **Retrofit T12 fluorescent lighting with T8 or linear LED (Qty. ~200)**

4.4 BUILDING & SITE FIRE & LIFE SAFETY

DESCRIPTION

As part of the survey, the Subject Property fire and life-safety equipment was surveyed by a representative of *EBI Consulting*, and a separate MEP FLS Report was completed. The report recommended certain actions and repairs as Immediate or Short Term Repair, and includes Replacement Reserves. The following is a brief description of the fire and life-safety equipment found at the Subject Property as reported in the above referenced report. Please refer to the report for a more detailed description of the equipment and findings. A copy of the MEP FLS Report is included in *Appendix E* of this Report.

Observed fire and life safety systems serving the Subject Property includes a wet fire sprinkler system, wet stand pipes, and fire department hose connections. There was not a central fire alarm panel present at the property, though there appeared to have once been addressable zones for the fire safety alarm system as several alarms were seen with zone number labels printed. There is no active alarm monitoring service or auto-dialer. Handheld fire extinguishers are provided appropriately throughout the Subject Property.

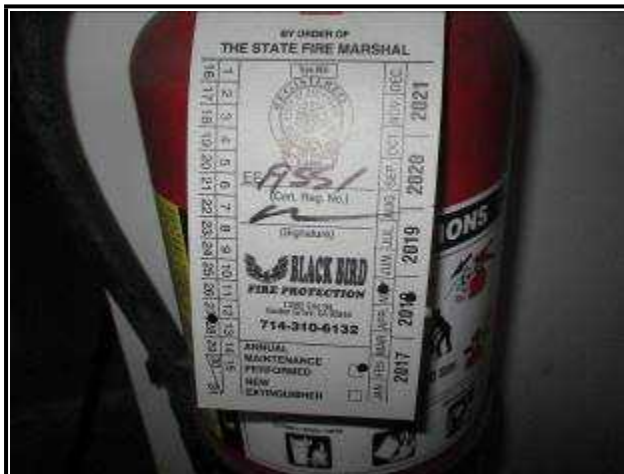


Figure 2.5.1 – Fire extinguisher inspection tag

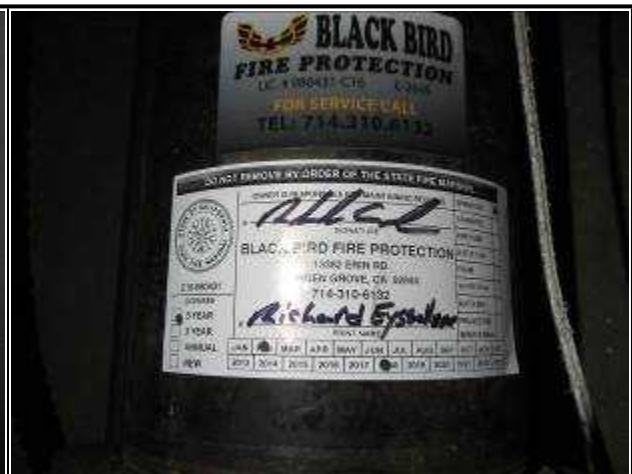


Figure 2.5.2 – Fire sprinkler system inspection tag



Figure 2.5.3 – Spare sprinkler head box



Figure 2.5.4 – Non-illuminated Exit signage

CONDITION

Please refer to the detailed conditions and recommendations in the MEP FLS Report from EBI Consulting. The report provides recommendations for Immediate Repairs, or Short Term Repairs and/or Replacement Reserve work items, and the work described therein is recommended to be performed accordingly. The recommendations from the Report are included in the bulleted Recommendations below. A copy of the MEP FLS Report is included in *Appendix E* of this *Report*.

RECOMMENDATIONS

Please see Table 1 for the recommended Immediate Repairs listed below:

- **Replace central fire alarm panel (Qty. 1)**
- **Install Emergency Exit lights (Qty. 7)**
- **Install Emergency battery pack lights (Qty. 3)**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

4.5 ELEVATORS

DESCRIPTION

The Subject Property has no elevators.

CONDITION

Not applicable.

Please see Table 1 for the recommended Immediate Repairs listed below:

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

5.0 CODE VIOLATIONS

5.1 BUILDING & PLANNING DEPARTMENT

DESCRIPTION

The Costa Mesa Building & Safety Division and Planning Division were consulted for open material violations, and to obtain, *readily available, reasonably ascertainable and publicly viewable* documents regarding the Subject Property.

CONCLUSION

This municipality provides responses to file inquiries for research purposes. The response time varies on municipal workload. *EBI* has submitted an inquiry for potential outstanding violations on file for the Subject Property. No response has been received as of this *Report*. If a response showing a material violation is provided to *EBI*, *EBI* will forward that notice under separate cover. If no response is received or no material violations are noted, our *Report* will not be modified.

RECOMMENDED ACTION ITEMS

Please see Table 1 for the recommended Action Items listed below:

- **None**

5.2 FIRE DEPARTMENT

DESCRIPTION

The Costa Mesa Fire & Rescue Department was consulted for open material violations.

CONCLUSION

This municipality provides responses to file inquiries for research purposes. The response time varies on municipal workload. *EBI* has submitted an inquiry for potential outstanding violations on file for the Subject Property. No response has been received as of this *Report*. If a response showing a material violation is provided to *EBI*, *EBI* will forward that notice under separate cover. If no response is received or no material violations are noted, *EBI's Report* will not be modified.

RECOMMENDED ACTION ITEMS

Please see Table 1 for the recommended Action Items listed below:

- **None**

6.0 REFERENCES

6.1 REFERENCES CONTACTED

DESCRIPTION

A number of sources were contacted during the preparation of this *Report*. The following individuals were interviewed, and state, county or local municipal departments consulted. Documentation applicable to the Subject Property in those departments was requested and reviewed when and where available and/or reasonably ascertainable. Individuals listed without phone numbers were contacted in person or by e-mail.

ACQUISITION PROPERTY CONDITION REPORT REFERENCES				
RESOURCE	CONTACT	INFORMATION PROVIDED	PHONE OR WEB	DATE
Costa Mesa, California Building Division	Staff	Code compliance & violations, Certificates of Occupancy	714.754.5273	2/19/19
Costa Mesa, California Planning Division	Staff	Zoning information	714.754.5610	2/19/19
Costa Mesa, California Fire & Rescue Department	Staff	Fire history & code violations	714.754.5106	2/19/19
Property Owner	Mr. Steve Millen	Property information	714.540.5566	2/14/19

7.0 IMMEDIATE REPAIRS AND REPLACEMENT RESERVES

The cost estimates shown on the tables are based on data obtained from the Owner for items already planned, quotes from contractors, EBI's in-house acquisition database costs and our experience with costs and estimates for similar issues, property and building types, city cost indexes, and assumptions regarding future economic conditions. These projected costs are augmented by cost estimate resource documents such as the National Construction Estimator, Means Building Construction Cost Data, or Means Facilities Maintenance and Repair Cost Data Publications.

7.1 IMMEDIATE REPAIRS & SHORT TERM REPAIRS - TABLE 1

Each of the Immediate Repair items noted during the survey are listed on the following page on Table 1, and compiled on the Executive Summary Table. Items are grouped and cross-referenced by Report section. Immediate Repairs as may be identified during the survey are typically limited to life, safety, health, building code violation or building or property stabilization issues observed at a Subject Property.

Each of the Short Term Repair items noted during the survey are listed on the following page on Table 1, and compiled on the Executive Summary Table. Items are grouped and cross-referenced by Report section. Short Term Repairs as may be identified during the survey are typically repairs that are not life, safety, stabilization or code issues, but deferred maintenance or repairs necessary or of significant cost so to warrant them as a Short Term Repair, and/or that cannot be completed within a short timeframe due to the magnitude of the issue, the scope of work or weather.

7.2 REPLACEMENT RESERVES - TABLE 2

Each of the Replacement Reserve items noted during the survey are listed in *Table 2 – Replacement Reserves*, and compiled on the *Executive Summary – Immediate Repairs and Replacement Reserves* table. Items are grouped and cross-referenced by *Report* section. Routine operational or customary annual maintenance items are not reported or included in this *Report*.

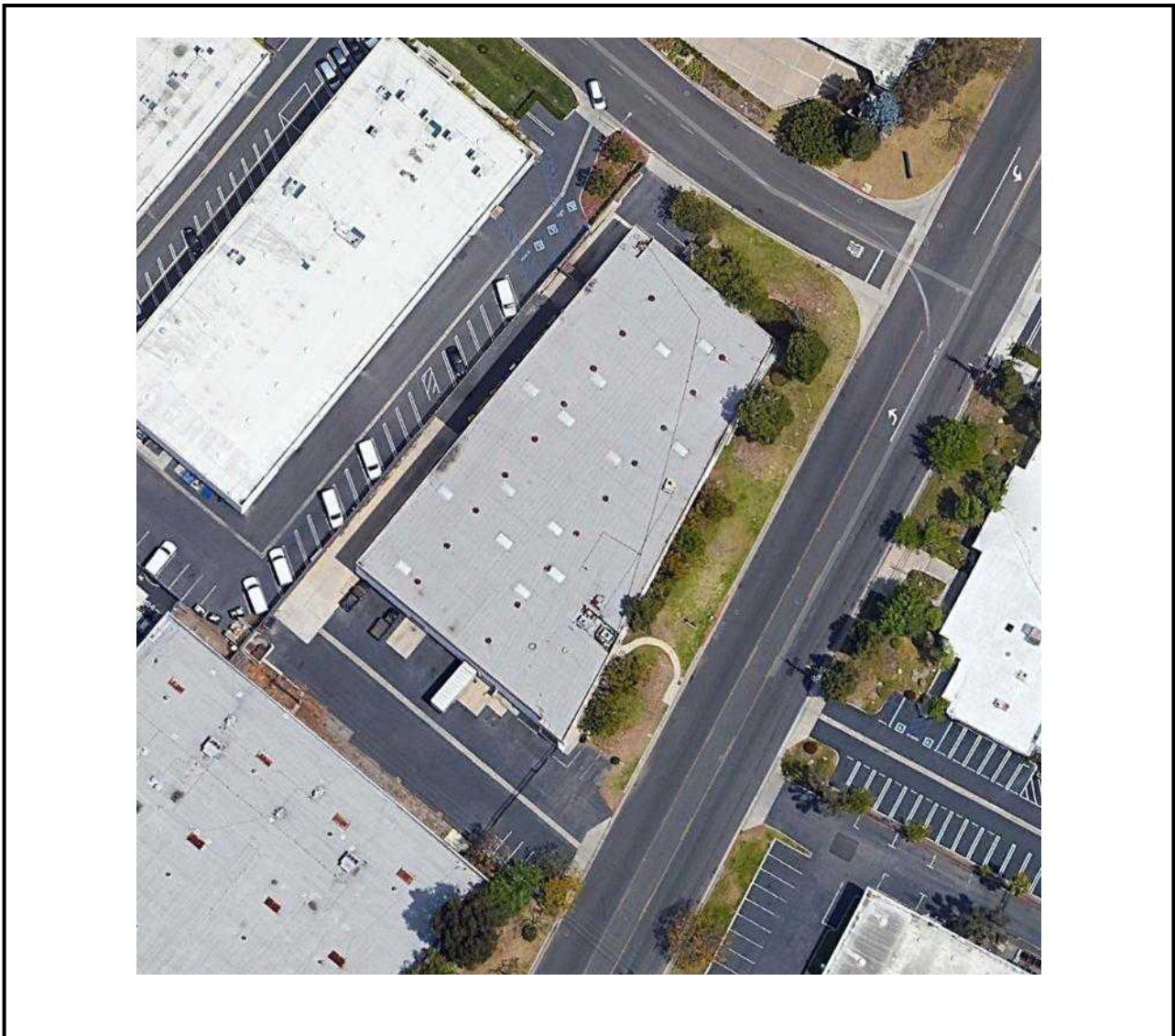
TABLE 1 - IMMEDIATE REPAIRS & SHORT TERM REPAIRS

SECTION NUMBER		SECTION NAME	RECOMMENDED WORK	QUANTITY	UNIT COST	UNIT DESCRIPTION	ESTIMATED IMMEDIATE REPAIR COST	Short Term Repair?	ESTIMATED SHORT TERM REPAIR COST	COMMENTS OR ADDITIONAL DESCRIPTION			
3175 Airway Avenue		Site Survey Date: 02/19/19		Building Area: 29,816		Report Date: 02/26/19		Number of Units: 2					
Covina Mesa, California		Property Type: Industrial		Number of Floors: 1		Number of Buildings: 1		Property Age: 47					
EBI Project # 131900059		Number of Floors: 1		Analysis Term: 10									
SITE CONDITIONS													
2.1	Topo	None											
2.2	Pav't/Pkg	Repair asphalt paving cracks and provide additional parking space striping.	1	\$14,894.00	per square foot		✓	\$14,894		Pavement sealcoating was recently performed without adequate crack repair and parking space striping is incomplete.			
2.2	Pav't/Pkg	Repair concrete pavement	1,000	\$4.50	linear foot		✓	\$4,500		The concrete pavement was noted to be in fair condition with cracking noted at the loading dock area.			
2.3	Amenities	Repair wrought-iron railing at northeast corner exterior loading dock	1	\$1,500.00	allowance		✓	\$1,500		The railing at the exterior loading dock at the northeast corner of the building exhibits impact damage.			
2.4	Utilities	None											
BUILDING CONDITIONS													
3.1	Substruct.	Repair concrete floor slab cracks in warehouse areas	450	\$4.75	per linear foot		✓	\$2,138		Cracks and previous repaired cracks in the warehouse floor slab were observed.			
3.2	Superstruc.	Allowance to cut back foil insulation to allow ventilation of panelized wood roof structure and framing brackets	29,816	\$0.15	allowance		✓	\$4,472		The underside of the roof deck has foil insulation to provide air circulation/ventilation to prevent formation of condensation between the foil and roof deck.			
3.3	Facades	Exterior painting (stucco/EI/FS)	17,816	\$2.45	per square foot	\$43,561				The painted finishes appear to be in fair condition, exhibiting fading, chalking and limited peeling.			
3.3	Facades	Renew/recaulk expansion & control joints	990	\$1.55	linear foot	\$1,529				The observed vertical concrete tilt-up panel joint sealants appear to be in fair condition, weathered and exhibiting initial drying and cracking.			
3.3	Facades	Renew/recaulk windows and doors	1,260	\$1.55	linear foot	\$1,947				There is considerable evidence of aging glazing gaskets and aging wet-sealing throughout the storefront systems.			
3.4	Roof	Roof repairs	1	\$7,213.00	allowance		✓	\$7,213		As recommended in EBI's Roof Report.			
3.5	Bent/Attic	None											
3.6	ADA	Complete ADA compliance upgrades	1	\$16,808	lump sum	\$16,808				Complete ADA compliance upgrades as detailed in the Modified Accessibility Compliance Checklist.			
INTERIOR FINISHES & COMPONENTS													
3.7	Interior F & C	None											
3.8	Mold	None											
BUILDING SYSTEMS													
2.1	Plumbing	Replace residential electric water heater (40 gal.)	2	\$1,527.06	each		✓	\$3,054.12		As recommended in EBI's MEP FLS Report.			
2.1	Plumbing	Plumbing fixture replacement	1	\$400.00	each	\$400.00				As recommended in EBI's MEP FLS Report.			
2.1	Plumbing	Urinal, manual flush, water saving 0.5 gpf	1	\$1,191.40	each	\$1,191.40				As recommended in EBI's MEP FLS Report.			
4.1	Plumbing	Install seismic shut-off device on natural gas service	1	\$850.00	each, # per year	\$850				As recommended in EBI's MEP FLS Report.			
4.2	HVAC	Replace rooftop package unit (3-ton) - 100% OA, Single Zone	3	\$14,381.75	each	\$43,145				As recommended in EBI's MEP FLS Report.			
4.3	Electric	Replace nonfunctional lighting fixtures	5	\$100.00	each	\$500				As recommended in EBI's MEP FLS Report.			
4.4	FL Safety	Replace central fire alarm panel (apartments main)	1	\$4,775.96	each	\$4,776				As recommended in EBI's MEP FLS Report.			
4.4	FL Safety	Install/replace Emergency exit lights	7	\$225.00	each	\$1,575				As recommended in EBI's MEP FLS Report.			
4.4	FL Safety	Install/replace Emergency battery pack lights	3	\$225.00	each	\$675				As recommended in EBI's MEP FLS Report.			
4.5	Elevators	None											
MATERIAL CODE VIOLATIONS													
5.0	Codes	None											
TOTAL							\$116,958		\$37,771				
20% MARK-UP FOR GENERAL CONDITIONS, OH&P, PERMITS, ENGINEERING, CONTINGENCY							\$23,392		\$7,554				
TOTAL DEFERRED MAINTENANCE							\$185,674						
PROPERTY AND LOAN INFORMATION				Building Area	29,816			Property Age	47 yrs	No. of Floors	1	Survey Date	2/19/19
				Tenants or Units	2			Property Type	Industrial	No. of Buildings	1	Report Date	2/26/19

TABLE 2 - REPLACEMENT RESERVES

3175 Airway Avenue 3175 Airway Avenue Costa Mesa, California EBI Project # 1319000059			Site Survey Date: 02/19/19 Report Date: 02/26/19 Property Type: Industrial Number of Buildings: 1 Number of Floors: 1				Building Area: 29,816 Number of Units: 2 Property Age: 47 Analysis Term: 10															
SECTION NUMBER	SECTION NAME	RECOMMENDED WORK	AVERAGE EFFECTIVE USEFUL LIFE	EFFECTIVE AGE	REMAINING USEFUL LIFE	TOTAL QUANTITY OVER TERM	APPROXIMATE QUANTITY PER YEAR	UNIT COST	UNIT DESCRIPTION	ESTIMATED COST PER YEAR	Annual Costs										RECOMMENDED TOTAL OVER THE TERM	
											2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
											YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10		
SITE CONDITIONS																						
2.1	Topo.	None																				
2.2	Pvm't/Pkg	Patching, crack sealing, sealing and striping	5	1	4	29,788	14,894	\$0.21	per square foot	\$3,128				3,128						3,128		\$6,255
2.2	Pvm't/Pkg	None																				
2.3	Amenities	None																				
2.4	Utilities	None																				
BUILDING CONDITIONS																						
3.1	Substr.	None																				
3.2	Superstr.	None																				
3.3	Facades	Exterior painting (stucco/EIFS)	10		10	17,816	17,816	\$1.63	per square foot	\$29,041											29,041	\$29,041
3.4	Roof	Proactive Roof Maintenance Program (PMP)	-	-	-	9	1	\$2,838.70	allowance	\$2,839		2,839	2,839	2,839	2,839	2,839	2,839	2,839	2,839	2,839	2,839	\$25,548
3.5	Bsm't/Attic	None																				
3.6	ADA	None																				
INTERIOR FINISHES & COMPONENTS																						
3.7	Interior F & C	(Tenant improvements/tenant responsibility)																				
3.8	Mold	None																				
BUILDING SYSTEMS																						
4.1	Plumbing	Replace rooftop steel natural gas piping (-250')	50	47	3	1	1	\$1,000.00	allowance	\$1,000			1,000									\$1,000
4.2	HVAC	Replace rooftop package unit (4-ton) - 100% OA, Single Zone	20	14	6	1	1	\$15,391.85	each	\$15,392					15,392							\$15,392
4.3	Electric	Replace Main Circuit Breaker, single phase (600 Amp)	60	52	8	1	1	\$5,283.60	each, # per year	\$5,284									5,284			\$5,284
4.3	Electric	Replace panel board, 3 wire, 225 amp main lugs, 36 circuits	60	52	8	2	2	\$3,066.56	each, # per year	\$6,133									6,133			\$6,133
4.3	Electric	Retrofit T12 lighting with T8 or linear LED	20	-		200	40	\$50.00	each, # per year	\$2,000	2,000	2,000	2,000	2,000	2,000							\$10,000
4.4	F/L Safety	None																				
4.5	Elevators	None																				
ANNUAL RECOMMENDATIONS, UNINFLATED											2,000	4,839	5,839	7,966	4,839	18,231	2,839	14,255	5,966	31,879	\$98,653	
INFLATION FACTOR, IN PERCENTAGE 1.030											100.00%	103.00%	106.09%	109.27%	112.55%	115.93%	119.41%	122.99%	126.68%	130.48%		
ANNUAL RECOMMENDATIONS, INFLATED @ 3.00% AFTER YEAR ONE											2,000	4,984	6,194	8,705	5,446	21,134	3,390	17,532	7,558	41,595	\$118,539	
Notes:											NET PRESENT VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES										\$98,653	
1.											PRESENT VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES PER SF PER YEAR										\$0.33	
2.											INFLATED VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES PER SF PER YEAR										\$0.40	

APPENDIX A - PHOTOGRAPHS



AERIAL PHOTOGRAPH



1. Southwest access drive and street view of property



2. Northeast access drive and street view of the property



3. Southwest corner elevation showing front south façade and west side facade



4. Southeast corner elevation showing front south and east facades



5. Northeast corner elevation showing east side and north rear facades



6. Northwest corner elevation showing west side façade and north rear facade



7. Southwest corner main entrance into the building



10. Overview of the parking and entrance gate at the southwest corner of the site



8. Northeast corner office entrance and northeast corner parking



11. Parking spaces were previously striped along the west side of the building but not restriped after sealcoating



9. Parking spaces at southwest building entrance



12. Typical asphalt paving condition showing improperly repaired cracks before seal coating



13. Typical asphalt paving condition showing improperly repaired cracks before seal coating



16. One of two drive-in dock doors on the west end of the north elevation



14. West façade showing three tailgate high loading docks



17. Exterior tailgate-high loading dock at the northeast corner of the building



15. One of two drive-in dock doors on the east end of the north elevation



18. Damaged wrought-iron railing at the exterior loading dock



19. Typical apron at loading docks



22. Trash bin enclosure at northwest corner of site



20. Exterior stairs at southwest entrance



23. Concrete walkway at secondary egress exit from office area



21. Exterior ramp and stairs on west elevation



24. Typical landscaping and sloping berm at the front of the building



25. Landscaped berms along the east side of the building



28. Overview of roof



26. Landscape irrigation system backflow preventer



29. Typical skylight has no fall protection



27. Landscape irrigation controller



30. Roof access ladder does not have a safety cage or proper security shield to control access



31. Typical parapet drain scupper



34. Typical roof skylight seen from inside the warehouse area showing no fall protection



32. Roof in mechanical well over main office area



35. Typical roof framing in the warehouse area



33. Roof in mechanical well over northeast office area



36. Typical structural framing at the exterior wall and pilaster with no seismic hold down bracket upgrading evident



37. Typical interior wood column to roof beam connection



40. Typical framing of second floor deck in office area



38. Occupancy separation wall between main tenant space and sub-tenant space



41. Main entrance lobby at southwest corner of the building



39. Incomplete fire separation wall between warehouse areas and office areas



42. Entrance lobby at the northeast corner of the building



43. Typical office area finishes



46. Typical second floor office area finishes



44. Typical stairway finishes



47. Typical warehouse area finishes



45. Typical restroom finishes and fixtures



48. Typical second floor office area finishes



49. Domestic water service meter box and reduced pressure backflow preventer



52. Typical restroom fixtures and finishes



50. Typical domestic water heater



53. Warehouse shipping and receiving area office



51. Typical restroom fixtures and finishes



54. Warehouse shipping and receiving area office interior finishes



55. Gas/electric rooftop unit serving northeast corner office areas



58. Southwest office area gas/electric rooftop unit



56. Southwest corner office area gas/electric rooftop units



59. Warehouse area suspended unit heater



57. Southwest office area gas/electric rooftop unit



60. General Electric main switchboard, meter and submeters



61. Power pole and pole-mounted transformer with feeders underground to the main switchboard in the warehouse



64. Switchgear serving the northeast office area



62. Overhead power drop to the switchgear in the northeast office area



65. Fire riser



63. Service disconnect serving northeast office area



66. Fire riser showing disconnected flow switch



67. Fire sprinkler system detector-check assembly



70. Typical fire hydrant



68. Typical portable fire extinguisher



71. Security monitoring panel

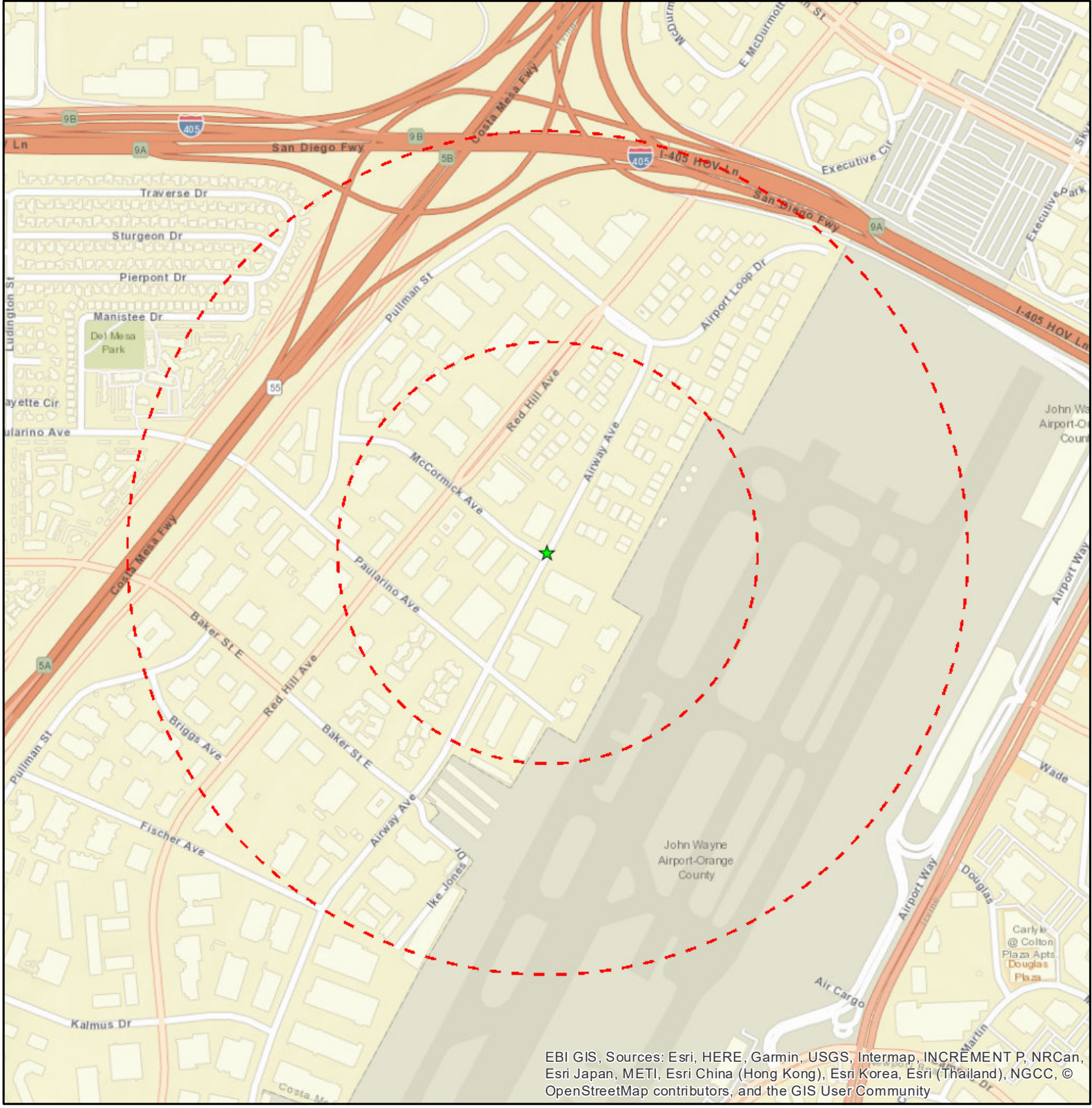


69. Fire hose drop in warehouse area



72. Security monitoring is provided by ADT

APPENDIX B - FIGURES, DRAWINGS, AND PLANS



EBI GIS, Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend

- ★ Project Site
- Site Radius at ¼ and ½ mile

Date: 2/8/2019

Figure 1: Site Location Map

**3175 AIRWAY AVE
3175 AIRWAY AVE
COSTA MESA, CA 92626**

PN: 1319000059

EBI Consulting
environmental | engineering | due diligence

APPENDIX C - OTHER RELEVANT DOCUMENTS

APPENDIX D - PROFESSIONAL QUALIFICATIONS

YEARS EXPERIENCE: 40

TECHNICAL SPECIALTIES

- Property Condition Assessment
- Construction Management
- Facilities Engineering

EDUCATION

- Bachelor of Science- Aerospace Engineering- 1970
California State University – Pomona; Pomona, California

REGISTRATIONS

- Professional Engineer – California M19579
- General Building Contractor – California B327573

PROFESSIONAL EXPERIENCE

Mr. Candy is currently employed by EBI as a Property Condition Assessment Senior Engineer specializes in performing engineering and architectural property condition assessments. Mr. Candy has over 40 years of professional engineering experience in the administration, design and provision of construction services for all types of construction and engineering projects. Mr. Candy has served public and private sector clients performing property condition assessments, design engineering and building construction services.

REPRESENTATIVE PROJECT EXPERIENCE

- **Property Condition Assessments (PCA)**

Performed PCAs and report production in accordance with ASTM standards for forty years assessing the comprehensive physical condition and expected useful life of all building and site elements, with additional specialization in evaluation of mechanical systems, electrical systems, plumbing systems, fire & life safety systems and vertical transportation systems. PCAs included recommendations of remedial action and associated budget estimates using both a long and short term basis.

- **Engineering Design**

Performed professional engineering design of major buildings and building systems for the full range of building types, both new construction and renovations. Projects included heavy industrial facilities, commercial buildings including high-rises, retail centers, regional malls, high-school, college and university buildings, hospitals, hotels, municipal buildings and service facilities, airport structures, Federal facilities, Department of Defense military bases nationwide and overseas, entertainment centers, theatres and performing arts centers, research and testing laboratories, multi-family residential complexes.

- **Energy Conservation Engineering Design**

Nationwide reputation specialized in performing professional engineering analysis of all public and private sector building and facility types to determine cost effective energy upgrading strategies and managed implementation of the projects to achieve projected savings. Expert in the field of energy engineering with extensive experience working with utilities, municipal governments and Federal agencies executing energy savings upgrading and performance contracting at public sector facilities.

- **Construction and Construction Management**

Licensed general building contractor with over 35 years experience in construction and construction management of public and private sector buildings of all types including competitive bid & spec and turn-key design/build projects.

PROFESSIONAL HISTORY

Pacific Western Company

Consulting Professional Engineer, C.E.O

1998 – 2007 & 2009-Present –

Sr. Vice-President – Technical Services

2007 - 2009 – Energy Innovation Group, LLC

Director of Engineering

1994 - 1998 – ERI Services/Noresco Division of Equitable Resources

Director of Engineering

1991 - 1994 – A. Epstein & Sons

Consulting Engineer and General Contractor

1979 - 1991 – D. A. Candy Engineering & Construction Company (Pacific Western Company)

Facilities Engineering Department Manager

1974 - 1979 – General Dynamics

Project Engineer/Facility Engineering Supervisor

1968 - 1974 – Sunkist Lemon Products Division

- Pacific Western Company 2007 - 2010
Chief Executive Officer
- Energy Innovation Group, LLC (Equity Partner w/PWC) 2007 - 2010
Senior VP – Technical Services
- Pacific Western Company 1998 - 2007
Chief Executive Officer
- ERI Services/Noresco - Division of Equitable Resources 1994 - 1998
National Director of Engineering
- A. Epstein & Sons 1991- 1994
Director of Engineering
- Pacific Western Company 1979- 1991
Chief Executive Office
- General Dynamics 1974- 1979
Supervisor of Facilities Engineering
- Sunkist Lemon Products 1968- 1974
Chief Facilities Engineer

Summary of Experience

Mr. Munoz is a Senior Program Manager with over 20 years of experience specializing in facility investigations, property condition site assessments, construction management and monitoring. In addition, he has experience in quality assurance of the installation of foundation, structural, and roofing systems, as well as performing investigations and preparation of forensic engineering reports for investigation and remediation.

Relevant Project Experience

Project Conditions Assessment (PCA)

Mr. Munoz has completed numerous assessments and reviews property condition assessments for a wide range of properties such as office, multifamily, industrial, retail, hospitality, malls, and high rise properties in accordance with ASTM standards. Mr. Munoz has conducted these services in the United States as well as the Caribbean, Mexico, and Europe. These assessments are prepared to provide prospective buyers, current owners, and lenders information regarding the current condition of the facility components and the potential economic liability. Within the last four years, Mr. Munoz has completed over 200 reviews of engineering assessments of office, multifamily, industrial, retail, hospitality, malls, and high rise properties, throughout the U.S. in accordance with ASTM standards.

Capital Needs Assessment (CNA)

Mr. Munoz has completed numerous assessments and reviews of engineering assessments of apartment complexes, manufactured housing parks, healthcare facilities, throughout the U.S. in accordance with HUD MAP 223(f), HUD MAP 232/223(f), MAP 202/223(f) as well as the HUD LEAN 232/223(f) protocols. Mr. Munoz has conducted these services throughout the United States. These assessments are prepared to provide prospective buyers, current owners, and lenders information regarding the current condition of the facility components and the potential economic liability. Within the last four years, Mr. Munoz has completed over 400 reviews of engineering assessments of multi-family apartment complexes and healthcare facilities, throughout the U.S. in accordance with HUD MAP 232/223(f) as well as the HUD LEAN 232/223(f) protocols.

Phase One Assessments

Mr. Munoz has completed numerous environmental due diligence reports for property owners and financial institutions for portfolios and individual projects throughout the country. Property types included industrial, retail, multi-family apartment, office buildings and large-scale commercial developments.

Americans with Disabilities Act Assessments

Conducted Americans with Disabilities Act Compliance Surveys for property compliance, and transaction due diligence site assessments. Responsibilities associated with conducting Americans with Disabilities Act Compliance Surveys include evaluating facilities for compliance.

Education

B.S. in Operations Engineering, University of Central Florida, Orlando Florida

Professional Registrations

SBCCI MECHANICAL INSPECTOR, CERTIFIED 1994

SBCCI BUILDING INSPECTOR, CERTIFIED 1994

CERTIFIED BUILDING CONTRACTOR/ CGC2550

APPENDIX E - CONSULTANT REPORTS

STRUCTURAL PML REPORT
ROOF REPORT
MEP/FLS REPORT

Roof Report

February 19, 2019



Prepared for:

City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92628

3175 Airway Avenue

3175 Airway Avenue

Costa Mesa, California 92626

EBI Project # 1319000059



February 19, 2019

To Whom it May Concern
City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92628

**Subject: Roof Report, 3175 Airway Avenue
3175 Airway Avenue, Costa Mesa, California 92626
EBI Project #131900059**

To Whom it May Concern:

Below please find *EBI's Roof Report*, (the *Report*) for the above-mentioned asset (the Subject Property). During the property survey and research, *EBI's* roof surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the property roof and its history. The *Report* was completed according to the terms and conditions authorized by you, and as per our written agreement.

The purpose of this *Report* is to observe the general physical condition and maintenance status of the roof(s) of the Subject Property, and to suggest repair or maintenance items considered customary for the roof to continue to function based on its current condition, compared to roofs of similar age and condition.

This *Report* was performed utilizing methods and procedures consistent with established commercial practices and in conformance with industry standards. The suggestions represent *EBI Consulting's* opinion based on written, graphic, or verbal information, the roof condition, and data available to us at the time of the survey. Factual information regarding operations, conditions, or data provided by the Client, occupants, owner, or their representative has been assumed to be correct and complete.

The *Report* and the information contained herein shall be relied upon by *City of Costa Mesa* only. The *Report* speaks only as of its date in the absence of a specific written update of the *Report* signed and delivered by *EBI Consulting*.

EBI Consulting is an independent contractor, not an employee of the owner, borrower or lender, and its compensation was not based on the findings or recommendations made in the *Report* or on the completion of any business transaction.

Thank you for the opportunity to prepare this *Report*, and assist you with this project. Please call us if you have any questions or if *EBI Consulting* may be of further assistance.

Respectfully Submitted,

Harvey Malkin
Author

Howard Prince, RA, NCARB O: 516.785.5559
Reviewer / Senior Program Director C: 516.312.4730
hprince@ebiconsulting.com

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EXECUTIVE SUMMARY & PROPERTY DESCRIPTION

GENERAL SUBJECT PROPERTY ROOF INFORMATION

The Subject Property, known as 3175 Airway Avenue, is located in Costa Mesa, California 92626 at 3175 Airway Avenue. The Subject Property was reportedly constructed in 1972. The Subject Property has a total estimated roofed building footprint area of 25,300 square feet. The total roof surface area inclusive of flashings, copings, parapets and/or canopies is estimated to total approximately 26,745 square feet.

Mr. Paul Vanni of EBI surveyed the property on February 12, 2019. At the time of the survey, the weather was overcast and approximately 65° Fahrenheit. During the survey, a sampling of all roof surfaces of the Subject Property was observed, in accordance with the Scope of Work for this Roof Report.

Limited plans and construction documents were provided, and generally reviewed for overall discrepancies with observed current roof conditions. No discrepancies were observed.

EBI's roof reporting provides roof analysis based on the number of significant or main roof sections. For comprehensive analysis, all sections are recommended to be surveyed. The Subject Property appears to have approximately 3 low slope (flat) roof sections. Based on this count, EBI surveyed 100% of the roof sections.

Costs provided for repairs or replacements are estimated in U.S. currency, and may require adjustments where currency rates and/or economies may differ from those in the U.S.

OVERALL CONDITION OF ALL OBSERVED SUBJECT PROPERTY ROOF SECTIONS

The Subject Property has a low slope silicone coated built up roof system.

Overall Condition **Good to Fair**

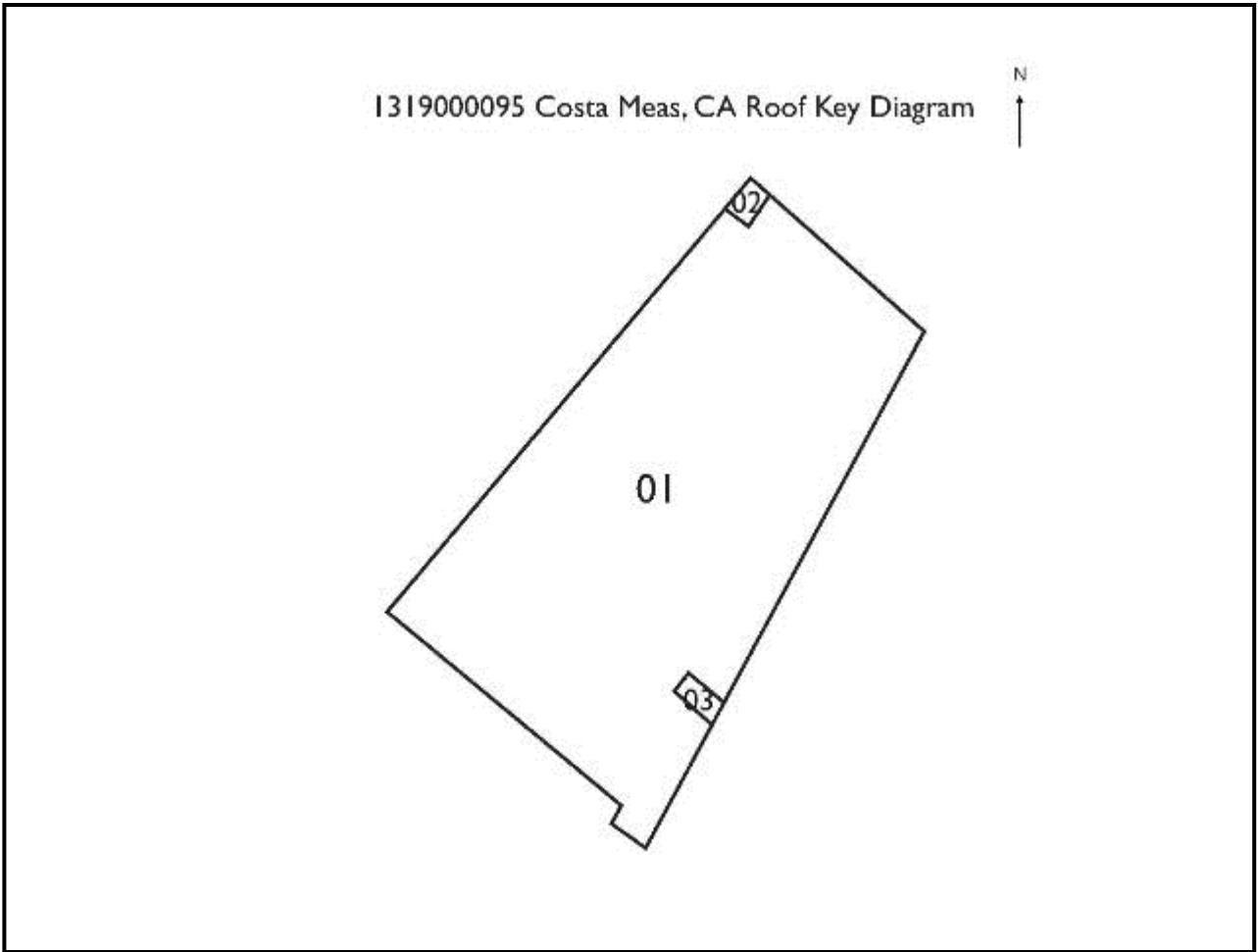
ROOF REPORT EXECUTIVE SUMMARY TABLE

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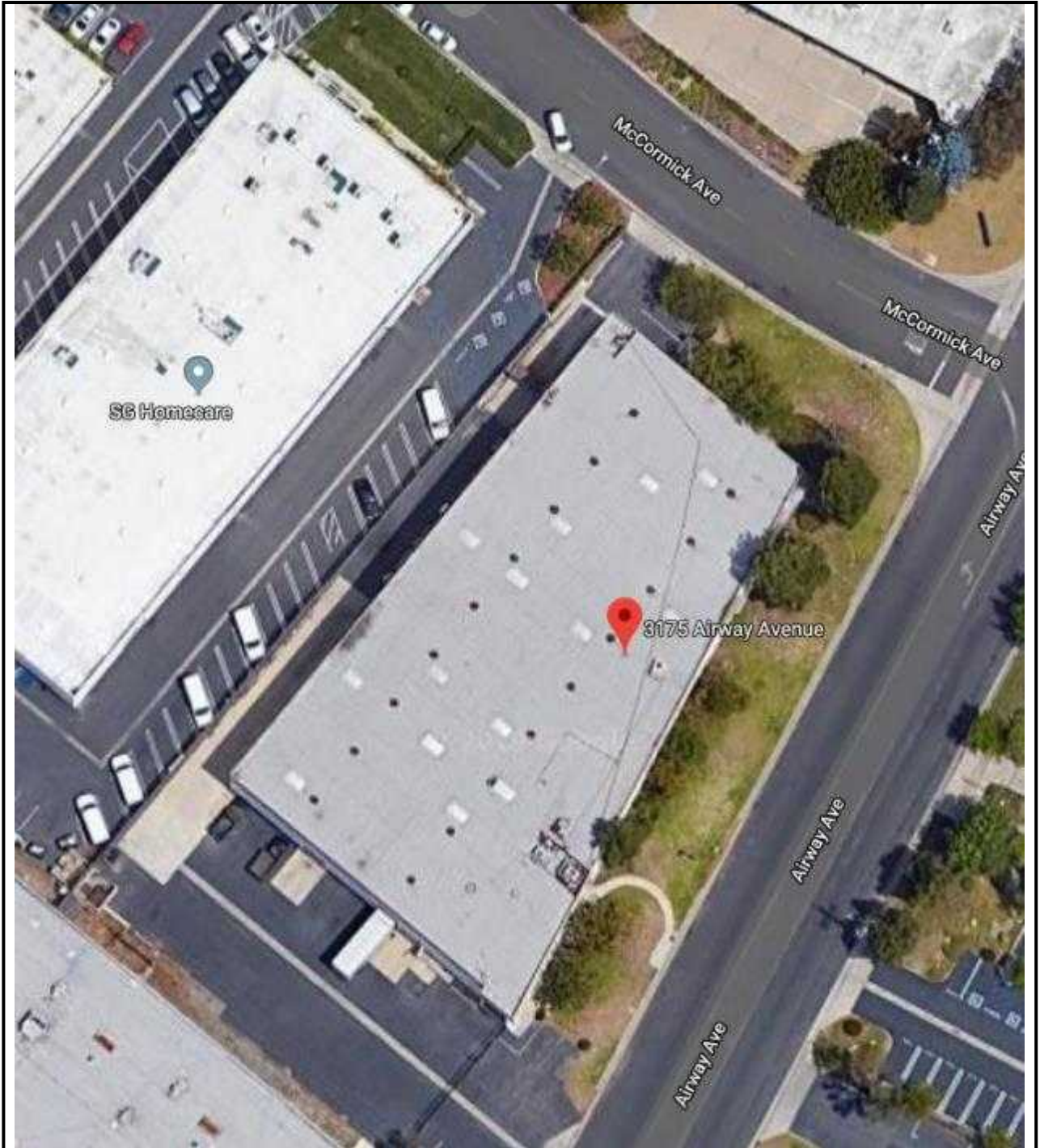
Build Guide Rules		
Appendix Summary Table		
Source	File Selection	Additional Info
Reports	Document Type=Table	Tab=Summary Table

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ROOF DIAGRAM



AERIAL PHOTO



ROOF WARRANTY INFORMATION

Warranty data gathered during the preparation of this Report indicates that the following may be in place at the Subject Property. EBI does not determine its Immediate Repair or Replacement Reserve recommendations based on the presence of a warranty on any roof section.

Note that roof warranty terms have significant exclusions or conditions that may render the warranty unenforceable or not transferable. The warranty data below is for informational purposes only, and is intended solely to provide notice of EBI's awareness of their existence, as presented to us during our site observation and information gathering process in preparation of this Report. The data, when provided, is as a result of a documentation request to the Subject Property Site Contact or designated Client contact, or review of provided files or documents. Parties with acquisition or financial interest in the Subject Property are recommended to have counsel or other experienced professionals carefully examine the warranty(s) and the specific terms they include to determine the applicability of the warranty, the transferability of the warranty, and any other terms or conditions in the warranty, and how that information may or may not affect their interest(s) in the Subject Property. This Report and the data provided are not intended to provide warranty related interpretation, guidance, recommendations or validation/invalidation of any kind.

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POTENTIALLY VOIDED WARRANTY INFORMATION

Many of the roof warranties may have been voided due to exposure to one or more hurricanes or other “natural disasters” during their lifetime, due to their specific **exclusion of coverage for any leaks** following a natural disaster such as a hurricane, tornado, hail, earthquake, etc. The following is a history of hurricanes tornados earthquakes that have been documented (per with NOAA National Oceanographic and Atmospheric Administration <http://www.noaa.gov/>) to have occurred in or close to Costa Mesa, California 92626, which may have voided roof warranties after the event:

Storm Name	Maximum Classification	Year	Maximum Winds	Minimum Pressure
N/A	N/A	N/A	N/A	N/A

This Report and the data above are not intended to provide warranty interpretation, guidance or validation/invalidation of any kind.

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PROACTIVE MAINTENANCE PROGRAM (PMP)

PMP's are used to extend the Effective Useful Life of a roof through a specified analysis term, so that roof replacement is not recommended as a Replacement Reserve. A PMP may also be recommended for roofs that exhibit notable deferred maintenance, and have been recommended for replacement during the analysis term, regardless of repairs or ongoing maintenance policies.

When referred to and recommended in this Report, a PMP program will consist of the following:

1. Inspection of interior ceiling and walls for signs of leaking
2. Discussion with owner/tenant on any known leak areas
3. Inspections of all drain areas and drain flashings as well as removal of any debris
4. Inspection and sealing of all open penetrations, curbs, equipment and skylight flashings
5. Inspection of all waterway areas for deterioration and correction as needed
6. Inspection of field membrane, seams, and ponding areas and correction as needed
7. Inspection of all wall coverings, counter flashing, coping caps and joint/crack seals
8. Visual inspection of A/C units, duct work or other roof penetrating equipment to ensure water tightness. Reseal as needed. Suspected A/C or other equipment issues should be documented and scheduled for correction.
9. Insure repairs are performed per proper manufacturer specifications and/or NRCA guidelines
10. Photo document all completed repair and maintenance work

I.0 PURPOSE & LIMITATIONS

The exclusive purpose of this *Roof Report* (the *Report*) is to perform a Non Destructive Examination (NDE) to observe the general physical condition and maintenance status of the Subject Property roof(s), and to suggest in-kind (or new) replacement, repair or maintenance items considered customary for the roof(s) to continue in its current function compared to roofs of similar age and condition. Amendments to EBI's limitations as stated herein that may occur after issuance of the *Report* are considered to be included in this *Report*. Payment for the *Report* is made by, and EBI's contract and *Report* extends to *City of Costa Mesa* (Client) only. EBI's liability to *City of Costa Mesa* wishing to use this *Report* is limited to the cost of the *Report*. By accepting draft and final *Reports*, *City of Costa Mesa* agrees to these terms and limitations.

The information reported was obtained through sources deemed reliable, a NDE visual survey of areas readily observable, easily accessible or made accessible by the property contact and interviews with owners, management, agents, occupants, or other appropriate persons involved with the Subject Property. Findings, conclusions and recommendations included in the *Report* are based on EBI's visual observations in the field, information provided by the Client, their agent, or the Site Contact, and/or a review of readily available and supplied drawings and documents. No disassembly of systems or building components or physical or invasive testing was performed unless thermographic imaging, disassembly of roof elements, and/or coring was requested. EBI renders no opinion as to the roof condition at un-surveyed and/or inaccessible portions of the Subject Property. EBI relies completely on the information provided during the survey, or provided or obtained during the writing of the draft *Report*, whether written, graphic or verbal, provided by the Site Contact, owner, management, agents, or occupants, or as shown on any documents reviewed or received from the Site Contact, owner, management, agents, or occupants, and assumes that information to be true and correct. EBI assumes no responsibility and has no liability for property information or prior reports or not provided during preparation of the *Report* for any reason whatsoever. The observations in this *Report* are valid on the date of the survey.

The gathering of data and information and extent of the physical survey for the production of this *Report* has been limited, by contract and agreed upon scope of work, to visual observations of the property roof unless thermographic imaging, disassembly of roof elements, and/or coring was requested. Assumptions regarding the overall condition of the roof(s) have been developed based upon a survey of representative areas of the Subject Property roof(s), unless otherwise specified. As such, no representation of *all* aspects of *all* areas or roof components is made.

The *Report* identifies "Immediate Repairs" that may be observed during the survey. Immediate Repairs typically include notable deferred maintenance, life, safety, health, and material building code violation or building or Subject Property stabilization issues observed at the Subject Property. For the purposes of an acquisition, Immediate Repairs include items that could be a component of the Subject Property sale price negotiations.

The *Report* identifies "Short Term Repairs" that may be observed during the survey. Short Term Repairs are deferred maintenance or repairs necessary or of significant cost so to warrant them as a Short Term Repair to be completed in less than one year, and/or Immediate Repairs that can't be completed within a short timeframe due to weather considerations, the magnitude of the issue, the scope of work, the need to design and/or bid and complete the repairs. For the purposes of an acquisition, Short Term Repairs include items that could be a component of the Subject Property sale price negotiations.

The *Report* identifies "Replacement Reserves" that may be recommended as a result of the survey for the analysis term identified below. Replacement Reserves are typically larger expenditure items and/or ongoing replacements that are anticipated to exceed their average effective useful life and require replacement, based on current condition, observed maintenance and overall conditions at the Subject Property. Replacement Reserves may also include items that require costly and/or material significant regular maintenance to maintain their condition, or items that could be improved or upgraded. The scope of work for this report is not intended to include evaluation or testing for asbestos contained materials, either visually or with instrumentation, in any of the roof materials, assemblies or adjacent building elements. If asbestos detection is required, a separate professional asbestos consultant is recommended to perform that work.

This assessment is based on the evaluator's opinion of the physical condition of the roof(s) and their estimated expected remaining useful life, based on observations in the field at the time of the survey, and the written or verbal information received. The conclusions presented are based on the evaluator's professional judgment. The actual performance of individual roof components or systems may vary from reasonably expected standards and may be affected by circumstances that are not readily ascertainable or viewable, or that occur after the date of the survey.

Where quantities cannot be determined from information provided or physical takeoffs, lump sum estimates or allowances are used. The costs shown are based on professional judgment and the apparent or actual extent of the observed defect, including the cost to design and/or procure the repair or replacement. Where property-unique or specialty systems are present, EBI relies solely on data regarding maintenance and/or replacement costs provided by the designated site contact or on-site individuals with first-hand knowledge of the specific equipment.

EBI asks roof-specific questions and provides an overall Pre-Survey Questionnaires for completion by the designated site or property contact, as provided by *City of Costa Mesa* or their agent. The information requested in the questionnaire assists in EBI's research of the Subject Property to obtain pertinent property data, discover existing physical deficiencies, chronic problems, the extent of repairs, if any, and their costs, and pending repairs and improvements. If the completed Pre-Survey Questionnaire is not returned as of this *Report*, this is a limiting factor in EBI's analysis. If the questionnaire is returned at a later

date showing a material difference from information provided in the Report, EBI will forward the questionnaire under separate cover. If no response is received, or no material difference is noted in the questionnaire, EBI's Report will not be modified.

EBI may not have been provided with roof design or installation details, and may not have been provided with warranty information. EBI relies on general industry performance of similar roof types in similar conditions, similar locations, and installed in a similar manner, and on general observations of the surface covering of the roof to determine if roof replacement is warranted as an Immediate Repair, Short Term Repair or Replacement Reserve during the analysis term, unless thermographic imaging, disassembly of roof elements, and/or coring was requested. With strictly visual observations, EBI is not responsible for roof replacement deemed necessary, or roof failure that may occur earlier than estimated due to hidden conditions or defects that cannot be readily ascertainable by general visual observations.

The gathering of data and information, and the extent of the physical NDE survey for the production of this Report has been limited, by contract and agreed upon scope of work, to visual observations of the property roof (unless thermographic imaging, disassembly of roof elements, and/or coring was requested). The observations were completed and information was obtained in general conformance with ASTM E 2018-15, and with the scope of services approved by the client. This Report has been prepared in accordance with EBI's Special Terms and Conditions for Third Party Due Diligence Services, which is hereby made an integral part of this Report.

The survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The Report speaks only as of its date, in the absence of a specific written update of the Report, signed and delivered by EBI.

Any additional information that becomes available after EBI's survey and draft submission concerning the Subject Property roof(s) should be provided to EBI so that EBI's conclusions may be revised and modified, if necessary, at additional cost.

City of Costa Mesa understands and agrees that there are varying levels of surveys and due diligence that can be completed that are more or less comprehensive than the work completed in this Report, and that may be appropriate to meet the Client's goals. The Client should consider their requirements, the purpose that the survey is to serve, and their risk tolerance level while selecting the level of roof due diligence to be completed by EBI. A Roof Report is one of the tools the Client may use to ascertain the condition of the Subject Property roof(s), but is by no means the only tool or assessment that Client can or should consider. The level of survey and assessment completed during the completion of the Roof Report is commensurate with the fees paid, the time constraints your Due Diligence period, and the time allocated to complete the site survey and report. A Roof Report cannot wholly eliminate the uncertainty regarding the presence of physical deficiencies and/or the performance of the Subject Property's roof systems, and the preparation of the Roof Report is intended to reduce, but not eliminate, the uncertainty regarding the potential for roof system deficiency, and it is possible that not every physical deficiency will be observed. In the completion of a Roof Report, the Client also recognizes the subjective nature of a EBI's opinions as to such issues as current condition, quality of materials or components and/or original installation, and in estimating the remaining useful life of any given roof component. In completion of a Roof Report the Client recognizes that EBI's suggested remedy is determined under time and/or cost constraints, formed without the aid of engineering design or analysis, testing, exploratory probing, removal of materials, or other more technically comprehensive means.

CONDITION

EBI uses terms describing conditions of the various building, and system components. The terms used are defined below. *It is important to note that a term applied to an overall system does not preclude that a part or a section of the system or component may be in a different condition.*

- Excellent** The component or system is in new or like new condition and no deferred maintenance is recommended.
- Good** The component or system is sound and performing its function, and/or scheduled maintenance can be accomplished through routine maintenance. It may show signs of normal aging or wear and tear and some remedial and routine maintenance or rehabilitation work may be necessary.
- Fair** The component or system is performing, but may be obsolete or is approaching the end of its expected useful life. The component or system may exhibit evidence of deferred maintenance, previous repairs, or workmanship not in compliance with commonly accepted standards. Significant repair or replacement may be recommended to prevent further deterioration, restore it to good condition, prevent premature failure, or to prolong its expected useful life.
- Poor** The component or system has either failed or cannot be relied upon to continue performing its original function as a result of having exceeded its typical expected useful life, excessive deferred maintenance or state of disrepair. Present condition could contribute to, or cause, the deterioration of other adjoining elements or systems. Repair or replacement is recommended.

ABBREVIATIONS

EBI may use various abbreviations to describe various building or system components. Not all abbreviations may be applicable to all Reports. The abbreviations most often utilized are defined below.

ACT	Acoustic Ceiling Tile	FRT	Fire Retardant-treated Plywood
AHU	Air Handling Unit	GWB	Gypsum Wall Board

APA	American Plywood Association	HVAC	Heating, Ventilating, and Air Conditioning
APP	Atactic Polypropylene	ICBO	International Conference of Building Officials
ARMA	Asphalt Roofing Manufacturers Association	IRMA	Inverted Roof Membrane Assembly
ASTM	American Society for Testing and Materials	IRWC	Institute of Roofing and Waterproofing Consultants
BOCA	Building Officials & Code Administrators, International, Inc	MBMA	Metal Building Manufacturers Association
BUR	Built-Up Roof	MCA	Metal Construction Association
CG&E	Chopped Glass and Emulsion	NICA	National Insulation Contractors Association
CMU	Concrete Masonry Unit	NRCA	National Roof Contractor's Association
CPA	Copolymer Alloy	NTRMA	National Tile Roofing Manufacturers Association
CPE	Chlorinated Polyethylene	OSB	Oriented Strand Board
CRREL	Cold Regions Research and Engineering Laboratory	PIMA	Polyisocyanurate Insulation Manufacturers Association
CSI	Construction Specifications Institute	PMP	Proactive Maintenance Program
CSPE	Chlorosulfonated polyethylene	PMR	Protected Membrane Roof
DHW	Domestic Hot Water	PTAC	Packaged Terminal Air Conditioning (Unit)
DWH	Domestic Water Heater	PVC	Poly Vinyl Chloride
ECH	Polyepichlorohydrin	RCI	Roof Consultants Institute
EIFS	Exterior Insulating Finishing System	RFI	Request for Information
EPDM	Ethylene Propylene Diene Monomer	RMA	Rubber Manufacturers Association
EUL	Expected Useful Life or Effective Useful Life	RTU	Roof Top Unit
FCU	Fan Coil Unit	RUL	Remaining Useful Life
FM	Factory Mutual Research Corporation	SBCCI	Southern Building Code Congress International, Inc.
FOIA	Freedom Of Information Act	TPO	Thermoplastic Poly Olefin

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2.0 ROOF REPORT

ROOF REPORT AND ANALYSIS PROCESS

This *Report* has been prepared in a format that provides the most clear and efficient way to quickly understand the current condition of the roof of any building or combination of buildings that comprise the Subject Property. The goal of each recommendation is to gather available information and combine it with our expertise and analysis tools to provide our clients with the most practical and cost efficient options regarding the Subject Property roofs, using non-invasive but thorough observations as the methodology for ascertaining the condition of the roof or roofs.

The following pages of this *Report* describe the Subject Property roof by breaking the roofs into Roof Sections, based on size, configuration, type, and/or age, providing an analysis of the historical, reported and observed data for each section of the roof that is significantly different in roof type from ones adjacent to it, or of significant size or condition as to warrant designation. Organizing the *Report* into Roof Sections provides clear and specific quantitative analyses that form the basis for the recommendations and conclusions.

Each roof section has a Description and Condition section. The Description section contains pertinent data that was obtained or provided for that roof section, such as size, age, the type of roof, etc. The Condition section contains three subsections. The first subsection is "Conditions and Observed Deficiencies." This is a list of noted defects that were observed on the date of the site observations.

The next subsection in the Condition section is "Necessary Repairs/Actions." These are remedies that correspond to the previously listed Conditions and Observed Deficiencies above, and will also correlate by their item number, for cross referencing.

The third subsection is "Conclusions and Recommendations." In this section the *Report* provides recommended repairs for the Conditions and Observed Deficiencies, and makes recommendations to have the work performed as an Immediate Repair, Short Term Repair, or a Replacement Reserve. Please see *Section 1* above for definitions of each of these terms.

The Conclusions and Recommendations section provides the numerical or actual age of the roof section, based on the date it was first installed. The "effective age" is the age that the roof appears to have the characteristics of, based on the visual assessment and analysis of condition completed during our site survey. This is an important factor, as many roofs may have effective ages that differ significantly from their numerical ages, depending on the property's location, material type and quality, quality of installation, roof maintenance and exposure, amount of roof traffic, and regional climatic conditions. The effective age is used to help determine when a roof is anticipated to reach its effective useful life, and is likely to need replacement.

A final section of summary bullets shows the recommendations made for that roof section, broken down by the type and timing of the recommendation.

The *Report* contains as many sections as necessary to describe the Subject Property roofs, as agreed upon in the proposal and contract. A diagram of the Subject Property roofs, along with a legend appears above for referencing.

IMMEDIATE & SHORT TERM REPAIRS, REPLACEMENT RESERVES

The *Report* also includes Immediate & Short Term Repairs cost tables, and Replacement Reserves cost tables. Each table lists the correlating recommendation, with the associated quantities, unit price and total cost, and provides total costs for all roof sections by year, and then in cost per square foot per year, to accommodate most typical financial analyses performed for real estate transactions.

EFFECTIVE USEFUL LIFE

As a roofs' Effective Useful Life is a component of our analysis and potential recommendation for roof replacement, empirical roof data has been utilized to help define those parameters. Two of the most

comprehensive studies of service life conducted in the roofing industry arrived at conclusions regarding the longevity of different roofing systems. Based on a survey of over 400 roofing professionals, (Cash, 1997) Cash concluded that traditional multiple-ply asphalt roofing systems exhibited a mean service life of 17.4 years, while newer technology single-ply EPDM roofing systems exhibited a mean service life of 14.1 years. In a second study, (Schneider and Keenan, 1997), conducted a survey of over 25,000 actual roofing installations and concluded that the mean service life of asphalt multiple-ply roofs was only 13.6 years, while EPDM roofs provided an average service life of 17.7 years (see Figure 1). While these studies came to slightly differing conclusions regarding multiply-ply vs. single ply membrane longevity, both studies found that the roofs fall short of industry standard 20 year warranties.

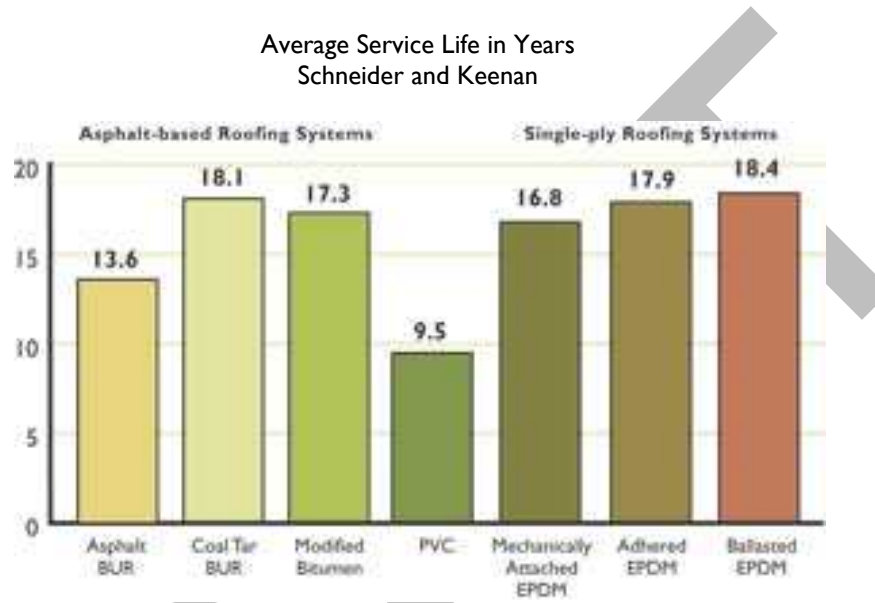


Figure 1

Major categories of low-slope commercial roofing systems performed in a fairly narrow range; study of over 25,000 roofing systems from 1975 - 1996.

For the purposes of this report, EBI uses the following effective useful life data for roofs if no other information is provided:

- BUR 1 ply: 15 years
- BUR 3 ply: 20 years
- BUR 5 ply: 25 years
- Modified Bitumen: 15-18 years
- PVC unreinforced mesh: 10 years
- PVC reinforced mesh: 15-20 years

- EPDM adhered or mechanically fastened: 18-20 years
- EPDM ballasted: 20-23 years
- Asphalt shingle: 20 years
- Asphalt shingle (architectural grade): 30 years
- Standing seam metal, or metal panel: 40+ years
- Slate, concrete, terra cotta tile: 40+ years

ROOF SECTION 1 - ROOF OVER WAREHOUSE AREA

DESCRIPTION

This roof section is located over the Warehouse Area, and is comprised of a 4-ply built-up w/silicone coating roof.

GENERAL INFORMATION

Roofed Footprint Area: 24,882 SF
Roof Surface Area: 26,005 SF
Building Height: 27 feet
Year Roof Installed: 2018
Type of Roof Access: Exterior ladder
Reported Leaks: None reported
Previous Work Done: Silicone coating

WARRANTY INFORMATION

Roof Warranty: Yes
Type: Manufacturer's Material Only 50 year
Date Issued: August 1, 2018
Date of Expiration: August 1, 2068

ROOF COMPOSITION

Membrane Type: 4-ply BUR w/silicone coating
Deck Insulation: Thermal Insulation Paper
Deck Type: Wood sheathing
Drainage: Scuppers at draining edge of building to leader head and downspouts
Perimeter Details: Perimeter parapet wall flashed with cap sheet
Accessories: Exhaust fans, and skylights
Secondary Roofing: None

CONDITION

The following list includes observed deficient conditions. Corresponding photos are included in the photos after this section.

OBSERVED DEFICIENCIES:

1. Ponding of waterPhotos 3, 4
2. Open field lap seams.....Photos 5, 6
3. Voids in coating inside scupperPhoto 7
4. Pine needle debris on deck.....Photo 8
5. Blocking lacks slip sheetPhoto 9
6. Peeling coating at field lap seamPhoto 10
7. Roof membrane ridging.....Photo 11

NECESSARY REPAIRS/ACTIONS:

1. Monitor ponding conditions.
2. Seal open field lap seams
3. Repair voids inside scupper
4. Clean debris off roof deck and around scupper drains.
5. Install slip sheet under blocking
6. Repair peeling coating at lap seams

7. Monitor membrane ridging in field
8. Perform a “one time” full maintenance inspection as outlined in the PMP.

CONCLUSIONS AND RECOMMENDATIONS:

4-ply built-up with silicone coating roofs of this type and size have an average effective useful life of 15 years. The reported numerical age of the roof is 1 year, and the estimated effective age of the roof is 3 years due to the observed open lap seams in field.

Based on the Observed Deficiencies listed above, Immediate Repairs are recommended to perform the Necessary Repairs as listed above.

The roof was observed to be in overall *Good - Fair* condition. Based on its observed condition, reported age, estimated effective age and the average effective useful life for roofs of this size and type, Replacement Reserves are recommended for a Proactive Maintenance Program during the analysis term.

RECOMMENDATIONS:

Please see *Table 1 – Immediate Repairs* for the recommended items listed below:

- **Perform Necessary Repairs as listed above**

Please see *Table 1 – Short Term Repairs* for the recommended items listed below:

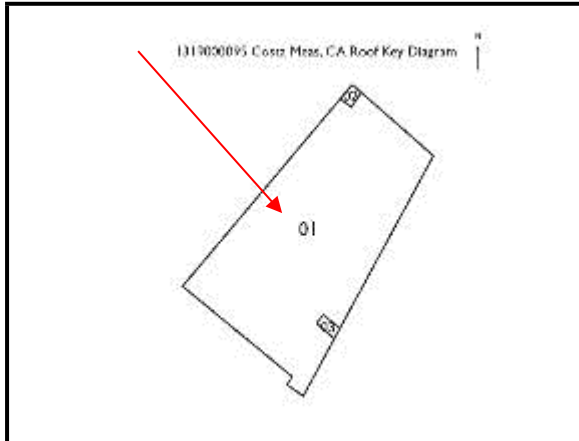
- **None**

Please see *Table 2 – Replacement Reserves* for the recommended items listed below:

- **PMP**

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ROOF SECTION I PHOTOGRAPHS



1. Location of Roof Section 01



2. Overview of Roof Section 01



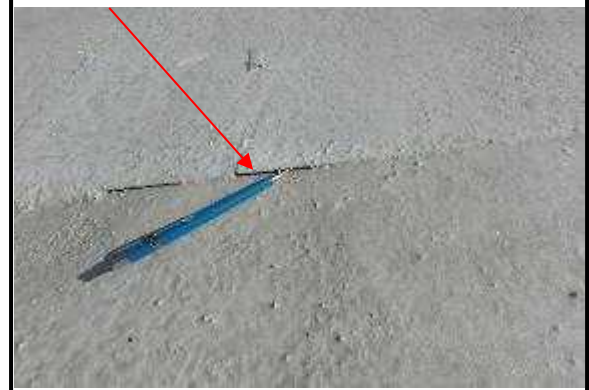
3. Ponding in field



4. Ponding in field



5. Open field lap seams



6. Open field lap seams



7.	Voids in silicone coating
----	---------------------------



10.	Peeling coating at field lap
-----	------------------------------



8.	Pine needle debris on deck
----	----------------------------



11.	Roof membrane ridging
-----	-----------------------



9.	Blocking lacks slip sheet
----	---------------------------

ROOF SECTION 2 - ROOF OVER MECHANICAL WELL AREA

DESCRIPTION

This roof section is located over the Mechanical Well Area, and is comprised of a 4-ply built-up w/silicone coating roof.

GENERAL INFORMATION

Roofed Footprint Area: 143 SF
Roof Surface Area: 266 SF
Building Height: 23 feet
Year Roof Installed: 2018
Type of Roof Access: From Roof Section 01
Reported Leaks: None reported
Previous Work Done: Silicone coating

WARRANTY INFORMATION

Roof Warranty: Yes
Type: Manufacturer's Material Only 50 year
Date Issued: August 1, 2018
Date of Expiration: August 1, 2068

ROOF COMPOSITION

Membrane Type: 4-ply BUR w/silicone coating
Deck Insulation: Thermal Insulation Paper
Deck Type: Wood sheathing
Drainage: Scuppers at draining edge of building to leader head and downspouts
Perimeter Details: Perimeter parapet wall flashed with cap sheet
Accessories: HVAC Package units
Secondary Roofing: None

CONDITION

The following list includes observed deficient conditions. Corresponding photos are included in the photos after this section.

OBSERVED DEFICIENCIES:

1. Debris on membrane.....Photo 3
2. Open base flashing seams.....Photos 4, 5
3. Exposed webbing at scupper.....Photo 6
4. Open pin holes at return.....Photo 7
5. Peeling silicone coating.....Photo 8
6. Voids in pipe flashing coating.....Photo 9

NECESSARY REPAIRS/ACTIONS:

1. Clean debris off roof deck and around scupper drains.
2. Seal open base flashing seams
3. Seal exposed webbing at scupper
4. Seal open pin holes at return
5. Repair peeling coating
6. Seal voids in pipe flashing coating
7. Perform a "one time" full maintenance inspection as outlined in the PMP.

CONCLUSIONS AND RECOMMENDATIONS:

4-ply built-up with silicone coating roofs of this type and size have an average effective useful life of 15 years. The reported numerical age of the roof is 1 year, and the estimated effective age of the roof is 3 years due to the observed open lap seams in field.

Based on the Observed Deficiencies listed above, Immediate Repairs are recommended to perform the Necessary Repairs as listed above.

The roof was observed to be in overall *Good - Fair* condition. Based on its observed condition, reported age, estimated effective age and the average effective useful life for roofs of this size and type, Replacement Reserves are recommended for a Proactive Maintenance Program during the analysis term.

RECOMMENDATIONS:

Please see *Table 1 – Immediate Repairs* for the recommended items listed below:

- **Perform Necessary Repairs as listed above**

Please see *Table 1 – Short Term Repairs* for the recommended items listed below:

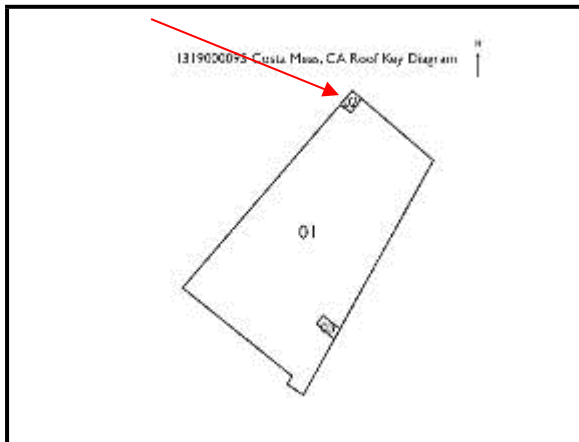
- **None**

Please see *Table 2 – Replacement Reserves* for the recommended items listed below:

- **PMP**

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ROOF SECTION 2 PHOTOGRAPHS



1. Location of Roof Section 02



2. Overview of Roof Section 02



3. Debris on membrane



4. Open base flashing seams



5. Open base flashing seams



6. Exposed webbing at scupper



7.	Open pin holes on return
----	--------------------------



9.	Voids in coating at pipe flashing
----	-----------------------------------



8.	Peeling coating
----	-----------------

ROOF SECTION 3 - ROOF OVER MECHANICAL WELL AREA

DESCRIPTION

This roof section is located over the Mechanical Well Area, and is comprised of a 4-ply built-up w/silicone coating roof.

GENERAL INFORMATION

Roofed Footprint Area: 275 SF
Roof Surface Area: 474 SF
Building Height: 23 feet
Year Roof Installed: 2018
Type of Roof Access: From Roof Section 01
Reported Leaks: None reported
Previous Work Done: Silicone coating

WARRANTY INFORMATION

Roof Warranty: Yes
Type: Manufacturer's Material Only 50 year
Date Issued: August 1, 2018
Date of Expiration: August 1, 2068

ROOF COMPOSITION

Membrane Type: 4-ply BUR w/silicone coating
Deck Insulation: Thermal Insulation Paper
Deck Type: Wood sheathing
Drainage: Scuppers at draining edge of building to leader head and downspouts
Perimeter Details: Perimeter parapet wall flashed with cap sheet
Accessories: HVAC Package units
Secondary Roofing: None

CONDITION

The following list includes observed deficient conditions. Corresponding photos are included in the photos after this section.

OBSERVED DEFICIENCIES:

1. Pine needle debris on membranePhoto 3
2. Missing blocking under conduitPhoto 4
3. Open base flashing seamsPhotos 5, 6

NECESSARY REPAIRS/ACTIONS:

1. Clean debris off roof deck and around scupper drains.
2. Install blocking under conduit
3. Repair open base flashing seams
4. Perform a "one time" full maintenance inspection as outlined in the PMP.

CONCLUSIONS AND RECOMMENDATIONS:

4-ply built-up with silicone coating roofs of this type and size have an average effective useful life of 15 years. The reported numerical age of the roof is 1 year, and the estimated effective age of the roof is 3 years due to the observed open lap seams in field.

Based on the Observed Deficiencies listed above, Immediate Repairs are recommended to perform the Necessary Repairs as listed above.

The roof was observed to be in overall *Good - Fair* condition. Based on its observed condition, reported age, estimated effective age and the average effective useful life for roofs of this size and type, Replacement Reserves are recommended for a Proactive Maintenance Program during the analysis term.

RECOMMENDATIONS:

Please see *Table 1 – Immediate Repairs* for the recommended items listed below:

- **Perform Necessary Repairs as listed above**

Please see *Table 1 – Short Term Repairs* for the recommended items listed below:

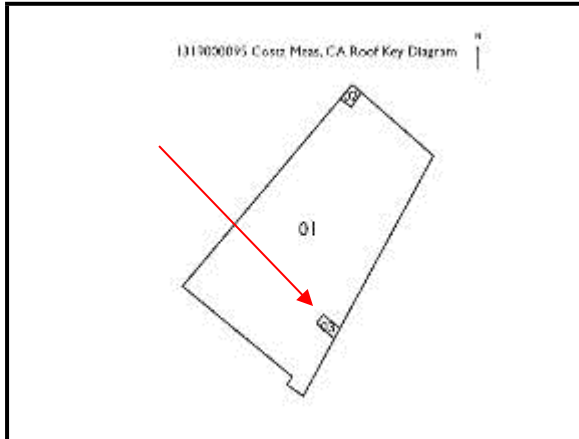
- **None**

Please see *Table 2 – Replacement Reserves* for the recommended items listed below:

- **PMP**

DRAFT

ROOF SECTION 3 PHOTOGRAPHS



1. Location of Roof Section 03



4. Missing support blocking and slip sheet under conduit



2. Overview of Roof Section 03



5. Open base flashing seam



3. Pine needle debris on membrane



6. Open base flashing seam

3.0 REFERENCES

3.1 REFERENCES CONTACTED

DESCRIPTION

A number of sources were contacted during the preparation of this Report. The following individuals were interviewed or consulted. Documentation applicable to the Subject Property was requested and reviewed when and where available and/or reasonably ascertainable.

ROOF REPORT REFERENCES				
RESOURCE	CONTACT	INFORMATION REQUESTED	PHONE OR WEB	DATE
Realtor	Mr. Zachary Schwaner	Roofing condition, overall condition and maintenance items.	949-790-3159 Email: zschwoner@leeirvine.com	2.12.19

4.0 IMMEDIATE & SHORT TERM REPAIRS AND REPLACEMENT RESERVES

The cost estimates shown on the tables are based on data obtained from the Owner for items already planned, quotes from contractors, EBI's in-house estimating database and EBI's experience with costs and estimates for similar issues, roof and building types, our expertise, city cost indexes, and assumptions regarding future economic conditions. These projected costs are augmented by cost estimate resource documents such as the *National Construction Estimator*, *R. S. Means Building Construction Cost Data*, or *R. S. Means Facilities Maintenance and Repair Cost Data*, and *Marshall Valuation Service* publications.

4.1 TABLE 1 - IMMEDIATE & SHORT TERM REPAIRS

Each of the Immediate Repair items noted during the survey are listed in *Table 1 – Immediate & Short Term Repairs*. Items are grouped and cross-referenced by *Report* section. Immediate Repairs as may be identified during the survey are typically limited to life, safety, health, building code violation, or building / property stabilization issues observed at a Subject Property, and are typically expected to be addressed within 90 days.

Each of the Short Term Repair items noted during the survey are listed in *Table 1 – Immediate & Short Term Repairs*. Items are grouped and cross-referenced by *Report* section. Short Term Repairs as may be identified during the survey are typically repairs that are not life, safety, stabilization, or code issues, but rather, deferred maintenance or repairs necessary or of significant enough cost so as to warrant them a Short Term Repair, and/or that cannot be completed within a short time frame due to the magnitude of the issue, the scope of work, or weather. These items are typically expected to be addressed within three to 12 months.

4.2 TABLE 2 - REPLACEMENT RESERVES

Each of the Replacement Reserve items noted during the survey are listed in *Table 2 – Replacement Reserves*. Items are grouped and cross-referenced by *Report* section. Routine operational or customary annual maintenance items are not reported or included in this *Report*.

Build Guide Rules		
Cost Tables		
Source	File Selection	Additional Info
Reports	Document Type=Table	Tab=Table 1
Reports	Document Type=Table	Tab=Table 2

DRAFT

APPENDIX A
OTHER RELEVANT DOCUMENTS

DRAFT

Build Guide Rules		
Appendix Other Relevant Documents		
Source	File Selection	Additional Info
Project Documents	Document Group = Other Relevant Documents	

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APPENDIX B
ADDITIONAL TEST REPORTS

DRAFT

Build Guide Rules		
Appendix Additional Test Reports		
Source	File Selection	Additional Info
Project Documents	Document Group = Additional Test Reports	

DRAFT

APPENDIX C
PROFESSIONAL QUALIFICATIONS

DRAFT

Build Guide Rules		
Appendix Resumes		
Source	File Selection	Additional Info
Resumes	Username=%Author%; Resume Type=General	
Resumes	Username=%Reviewer%; Resume Type=General	

DRAFT

EBI Consulting

Mechanical Electrical Plumbing Survey & Report



EBI Consulting
environmental | engineering | due diligence

Mechanical Electrical Plumbing Life Safety Survey & Report

Prepared for:

City of Costa Mesa
77 Fair Drive
Costa Mesa, California
92628



3175 Airway Ave

3175 Airway Ave
Costa Mesa, California

EBI Project No. 1319000059

Tuesday, February 26, 2019

Adam B. Eliason
City of Costa Mesa
77 Fair Drive
Costa Mesa, California
92628

**Subject: MEP/LS Survey & Report, 3175 Airway Ave
3175 Airway Ave, Costa Mesa, California
EBI Project #1319000059**

Dear Adam B. Eliason:

EBI Consulting (EBI) is pleased to present the findings of this MEP (Mechanical, Electrical, Plumbing and FP/LS (Fire Protection & Life Safety) systems Report, conducted on behalf of CivicStone, Inc.. (the Client). This investigation was conducted to evaluate the various MEP systems at 3175 Airway Ave in Costa Mesa, California and to determine their current condition, operation, and expected useful life.

This report is prepared for the use and benefit of the Client and may be relied upon by other such persons as may be designated by the Client, and its respective successors or assigns.

In expressing the opinions stated in this report, EBI has exercised best practice and referenced national standards from ASHRAE, NFPA, NEC and local codes. Documentation and data provided by the Client, designated representatives of the Client, interested third parties of the Client, or from the public domain, have been used and referred to in the preparation of this assessment with the understanding that EBI assumes no responsibility or liability for their accuracy. Factual information regarding operations, conditions, and test data provided by the Client or its representatives has been assumed to be correct and complete. The independent conclusions contained in this report represent our best professional judgment based on the provided data and observations gathered on the date of the site visit.

We thank you for the opportunity to work on this project. Please feel free to contact the undersigned should you have any questions or concerns.

Respectfully Submitted,



Jackson Jarboe
Author/Project Engineer



Philip Winterland, P.E.
Reviewer / Mechanical P.E.
303.817.0590
pwinterland@ebiconsulting.com



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APPENDIX A – IR SURVEY REPORT

EXECUTIVE SUMMARY & PROPERTY DESCRIPTION

The Subject Property, known as 3175 Airway Avenue, is located in Costa Mesa, California at 3175 Airway Avenue. The Subject Property was reportedly constructed in 1972. The Subject Property consists of a one-story, approximately 29,816-net rentable square foot±, industrial facility on a 1.34-acre lot. The building is constructed on grade with no basement areas.

The Subject Property was vacant at the time of the survey.

Jackson Jarboe of EBI surveyed the property on February 19, 2019 and was provided access but was otherwise unaccompanied. At the time of the survey, the weather was sunny and approximately 62° Fahrenheit. During the survey, representative areas of the site, all tenant spaces, mechanical spaces, and mechanical equipment and building components were observed.

SUBJECT PROPERTY SUMMARY

The following summary describes and comments on the primary components. Please see the body of the Report for complete survey results for all sections.

PLUMBING SYSTEMS

There are 2 electric Hot Water Heaters, one 30 gallon tank serving the McCormick side offices and one 30 gallon tank serving the Airway Ave side offices. The subject property has 7 total restrooms with total fixture counts of 7 toilets, 7 restroom sinks, 2 urinals, 1 shower, and 2 water bubblers. The plumbing fixtures are vitreous china with stainless steel or chrome plated metal fittings. The restroom sinks are wall mounted or surface mount style with solid surface countertops. All plumbing fixtures are manual valves.

The observed supply piping is copper pipe and the waste lines are reportedly PVC. Natural gas and domestic water enters the building at the Airway Ave side of the building with meters located underground with access grates near the sidewalk.

Overall Condition **Good // Fair**

Electric Water Heaters	Good // Fair
Piping	Good // Fair

ELECTRICAL SYSTEMS

Electrical service is brought on site via an overhead electrical line where it is fed to a Switchboard, where it is distributed to sub-panels throughout the building. The Switchboard, and several electrical distribution panels in the original building were manufactured by General Electric. Other less common component manufacturers include ITE, Square D, and Murray.

Overall Condition **Good // Fair**

**Main service feed and Switchboard
Secondary Circuit Breaker Panels**

**Fair
Good // Fair**

MECHANICAL SYSTEMS

The building office spaces are heated and cooled by packaged rooftop-mounted electric and gas HVAC units. The warehouse is largely unconditioned with the exception of one gas unit heater. There are currently 5 packaged rooftop HVAC units present on the roof, however only the 2 newer Carrier units are fully operational. There are 3 Day & Night units that have had the natural gas valves closed off; 2 of the 3 are no longer being provided electrical service and appear to be abandoned.

Overall Condition **Good // Poor**

Roof Top Units **Good // Poor**

FIRE / LIFE SAFETY SYSTEMS

Observed fire and life safety systems serving the Subject Property includes a wet fire sprinkler system, wet stand pipes, and fire department hose connections. There was not a central fire alarm panel present at the property, though there appeared to have once been addressable zones for the fire safety alarm system as several alarms were seen with zone number labels printed. Manual fire extinguishers are provided throughout the Subject Property.

Overall Condition **Fair**

SYSTEM RESPONSIBILITY

Maintenance, repair and/or replacement of the roof, facades, landscaping, pavement and parking, mechanical systems, interior finishes and plumbing, electrical, HVAC, life safety systems and components at the property is reportedly the responsibility of the Property owner.

SUBJECT PROPERTY DESCRIPTION

The Subject Property is comprised of the improvements described above, situated on a rectangular-shaped parcel with an address of 3175 Airway Avenue. The Subject Property has approximately 368 feet of frontage along Airway Avenue and 146 feet in depth along McCormick Avenue.

Local surface arteries, Interstate, and state highway systems provide access to the property. The Subject Property is located approximately 0.24 miles northwest of the Orange County Airport, 0.55 miles southeast of the 405 Freeway and 0.38 miles southeast of the 55 Freeway.

1.0 PURPOSE & LIMITATIONS

The exclusive purpose of this *MEP/LS Survey & Report* (the *Report*) is to observe the general physical condition and maintenance status of the property, to suggest repair or maintenance items considered customary for the property to continue in its current operation compared to properties of similar age and condition, and to assist CivicStone, Inc., in its Due Diligence effort in evaluating the Property. Amendments to EBI's limitations as stated herein that may occur after issuance of the *Report* are considered to be included in this *Report*. EBI's liability to a purchaser wishing to use this *Report* is limited to the cost of the *Report*. By accepting draft and final Reports, CivicStone, Inc. agrees to these terms and limitations.

The information reported was obtained through sources deemed reliable, a visual site survey of areas readily observable, easily accessible or made accessible by the property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property. Municipal information was obtained through file reviews of reasonably ascertainable standard government record sources, and interviews with the authorities having jurisdiction over the property. Findings, conclusions and recommendations included in the *Report* are based on our visual observations in the field, the municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied drawings and documents. No disassembly of systems or building components or physical or invasive testing was performed. EBI renders no opinion as to the property condition at un-surveyed and/or inaccessible portions of the Subject Property. EBI relies completely on the information provided during the site survey, or provided or obtained during the writing of the draft *Report*, whether written, graphic or verbal, provided by the property contact, owner or agent, or municipal source, or as shown on any documents reviewed or received from the property contact, owner or agent, or municipal source, and assumes that information to be true and correct. EBI assumes no responsibility for property information or prior reports withheld or not provided during preparation of the *Report* for any reason whatsoever. The observations in this *Report* are valid on the date of the survey. EBI uses the date of first occupancy to establish the Subject Property age.

The contents of the *Report* may not represent a detailed analysis by individual consultants of the Subject Property facades, roof, paving, mechanical, electric, plumbing, elevator, sprinkler, or fire and life safety systems, depending on the scope of work selected by CivicStone, Inc.. The extent of the physical survey for the production of this *Report* has been limited, by contract and agreed upon Scope of Work, (consistent with the guidelines of the ASTM E 2018 – 15 Scope of Work, as referenced below) to visual observations and a walk through of the property. Assumptions regarding the overall condition of the property have been developed based upon a survey of representative areas of the Subject Property. As such, no representation of *all* aspects of *all* areas or components is made.

Immediate Repairs as may be identified during the survey are typically limited to life, safety, health, building code violation or building or property stabilization issues observed at the Subject Property. Routine, normal or customary annual maintenance or preventative maintenance items are not reported or included in this *Report*.

Short Term Repairs as may be identified during the survey are typically repairs that are not life, safety, stabilization or code issues, but deferred maintenance or repairs necessary or of significant cost so to warrant them as a Short Term Repair, and/or that can't be completed within a short timeframe due to the magnitude of the issue, the scope of work or weather.

This assessment is based on the evaluator's opinion of the physical condition of the improvements and the estimated expected remaining useful life of those improvements, based on his observations in the field at the time of the survey, and the written or verbal information received. The conclusions presented are based on the evaluator's professional judgment. The actual performance of individual components or systems may vary from a reasonably expected standard and may be affected by circumstances that are not readily ascertainable or viewable, or that occur after the date of the survey.

Where quantities cannot be determined from information provided or physical takeoffs, lump sum estimates or allowances are used. The costs shown are based on professional judgment and the apparent or actual extent of the observed defect, including the cost to design, procure, construct and manage the repair or replacement. Where property-unique or specialty equipment is present, EBI relies solely on data regarding maintenance and/or replacement costs provided by the designated site contact or on-site individuals with first-hand knowledge of the specific equipment.

EBI provides Pre-Survey Questionnaires for completion by the designated site or property contact, as provided by CivicStone, Inc. or their agent. The information requested in the questionnaire assists in our research of the Subject Property to obtain pertinent property data, discover existing physical deficiencies, chronic problems, the extent of repairs, if any, and their costs, and pending repairs and improvements. If the completed Pre-Survey Questionnaire is not returned as of this *Report*, this is a limiting factor in our analysis. If the questionnaire is returned at a later date showing a material difference from information provided in the *Report*, we will forward the questionnaire to you under separate cover. If no response is received, or no material difference is noted in the questionnaire, our *Report* will not be modified.

EBI may not have been provided with roof design or installation details, and may not have been provided with warranty information (see Section 3.4). EBI has relied on general industry performance of similar type roofs and general observations of the surface covering of the roof to determine if roof replacement is warranted during the analysis term. EBI is not responsible for roof failure that may occur earlier than estimated due to hidden conditions or defects that cannot be readily ascertainable by general observation.

EBI may not have been provided with façade reports, and cannot opine on costs to repair façades of buildings five stories or more without receipt of current façade reports (see Section 3.3). EBI has relied on general industry performance of similar façade systems and general observations of the surfaces of the façades to determine if repair or replacement is warranted during the analysis term. EBI is not responsible for façade failures that may occur earlier than estimated due to hidden conditions or defects that cannot be readily ascertainable by general observation.

If the municipality in which the Subject Property is located has governing ordinances requiring façade studies, and a copy is not provided to EBI, this is a limiting factor in our assessment and analysis. Prudent property management will have had façade reports completed on their high-rise property, and if a copy of the report is not provided to EBI, this too, is a limiting factor in our assessment and analysis.

The gathering of data and information for this *Report* was completed in general conformance with ASTM E 2018 – 08 Standard Guide for Property Condition Assessment: Property Condition Assessment Process, and with the scope of services approved by the client.

The survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The *Report* speaks only as of its date, in the absence of a specific written update of the *Report*, signed and delivered by EBI.

Any additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost. This *Report* has been prepared in accordance with our Standard Conditions for Engagement, which is an integral part of this *Report*.

CONDITION

EBI uses terms describing conditions of the various site, building, and system components. The terms used are defined below. It should be noted that a term applied to an overall system does not preclude that a part or a section of the system or component may be in a different condition.

- Excellent** The component or system is in new or like new condition, and little or no Deferred Maintenance is recommended.
- Good** The component or system is sound and performing its function, and/or scheduled maintenance can be accomplished through routine maintenance. It may show signs of normal aging or wear and tear, and some remedial and routine maintenance or rehabilitation work may be necessary.
- Fair** The component or system is performing, but may be obsolete or is approaching the end of its expected useful life. The component or system may exhibit Deferred Maintenance, evidence of previous repairs, or workmanship not in compliance with commonly accepted standards. Significant repair or replacement may be recommended to prevent further deterioration, restore it to good condition, prevent premature failure, or to prolong its expected useful life.
- Poor** The component or system has either failed or cannot be relied upon to continue performing its original function as a result of having exceeded its typical expected useful life, excessive Deferred Maintenance or state of disrepair. Present condition could contribute to or cause the deterioration of other adjoining elements or systems. Repair or replacement is recommended.

EXECUTIVE SUMMARY TABLE

Property Name: 3175 Airway Ave.		Property Type: Industrial								
Address: Costa Mesa		Property Age: 47								
City and State: California		No. of units or tenants: 1								
Site Survey Date: February 19, 2019		Square feet: 29,816								
Report Date: February 26, 2019		Loan Term: 10								
EBI Project #: 1319000059		Analysis Term: 10								
Section #	Section Name	Condition					Action Required	Immediate Repairs	Short Term Repairs	Replacement Reserves
		Excellent	Good	Fair	Poor	NA				
MECHANICAL SYSTEMS										
2.1	Building Plumbing		✓	✓			✓	\$1,591	\$3,054	
2.2	Building Piping		✓							\$1,000
2.3	Building Electrical		✓	✓			✓	\$500		\$21,417
2.4	Building HVAC		✓		✓		✓	\$43,145		\$15,392
2.5	Building & Site Fire/Life Safety			✓			✓	\$7,026		
OTHER STRUCTURES, AMENITIES, SPECIAL INTEREST ITEMS										
	None									
TOTALS:								\$52,263	\$3,054	\$37,808
							Dollars per sf/yr	Dollars per unit/yr		
Present Value of Replacement Reserves Cost Estimate							\$0.13	\$3,780.85		\$37,808
Inflated Value of Replacement Reserves Cost Estimate							\$0.15	\$4,356.35		\$43,564
Immediate Repairs Cost Estimate								\$52,263		
Short Term Repairs Cost Estimate									\$3,054	
Total Deferred Maintenance Cost Estimate, After Multiplier								\$69,146		

2.0 BUILDING SYSTEMS

2.1 PLUMBING EQUIPMENT

Domestic hot water is provided at the building by two electric water heaters. The domestic hot water temperature set point is controlled locally, at the water heaters. The water supplied by the city appears to come in at a high enough pressure that booster pumps and fire pumps are not necessary to distribute water throughout the building.

The subject property has 7 total restrooms with total fixture counts of 7 toilets, 7 restroom sinks, 2 urinals, 1 shower, and 2 water bubblers. Typical toilets are 1.6 gpf, floor-mounted, vitreous china with stainless steel or chrome plated metal fittings. Typical restroom sinks are 1.2 gpm, wall-mounted or surface mount style with solid surface countertops. The urinals are rated for 0.6 gpf and the showerhead flowrate is estimated to be 2.0 gpm. All plumbing fixtures are manual valves. There is also a break room sink that is missing a faucet fixture and drain piping.

EBI recorded the following domestic hot water heater data while on site:

Manufacturer	Model Number	Serial Number	Location	Age	Condition
Craftmaster Water Heater Co.	CREFR90-30D	9250305502	Rear Offices (McCormick)	27	Fair
American Water Heater Co.	E52-30H-045D	9823355312	Front Offices (Airway)	21	Fair





Figure 2.1.3 – Nonfunctional urinal



Figure 2.1.4 – Typical restroom sink



Figure 2.1.5 – Private restroom showerhead



Figure 2.1.6 – Water bubbler

CONDITION

The domestic hot water heaters appear to be in fair condition; however, they have exceeded the expected useful life of 15 years. Based on the existing condition and age, Short Term Repairs are recommended for the domestic hot water heaters.

The plumbing fixtures were generally in fair condition and in working order. One urinal was found to be out of order and sectioned off with caution tape. The break room sink is missing a faucet and drain piping.

The backflow preventer appears to be in good condition. No replacement reserves are recommended for the backflow preventer at this time.

RECOMMENDED IMMEDIATE REPAIRS, SHORT TERM REPAIRS OR REPLACEMENT RESERVES

Please see Table 1 for the recommended Immediate Repairs listed below.

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **Replace electric hot water heater 30-gallon (Qty. 2)**
- **Replace break room sink fixture and piping (Qty. 1)**
- **Replace urinal, manual flush, water saving 0.5 gpf (Qty. 1)**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

2.2 PIPING

A main gas meter and 1.5" service is located on the Airway Ave. side of the property. Threaded black iron pipe is used for gas piping throughout the Subject Property.

Domestic cold water is brought into the original building via an underground 1" line and up into the building. The domestic hot and cold water loops consist of copper piping of varying size and thickness. The sanitary sewer lines are PVC.

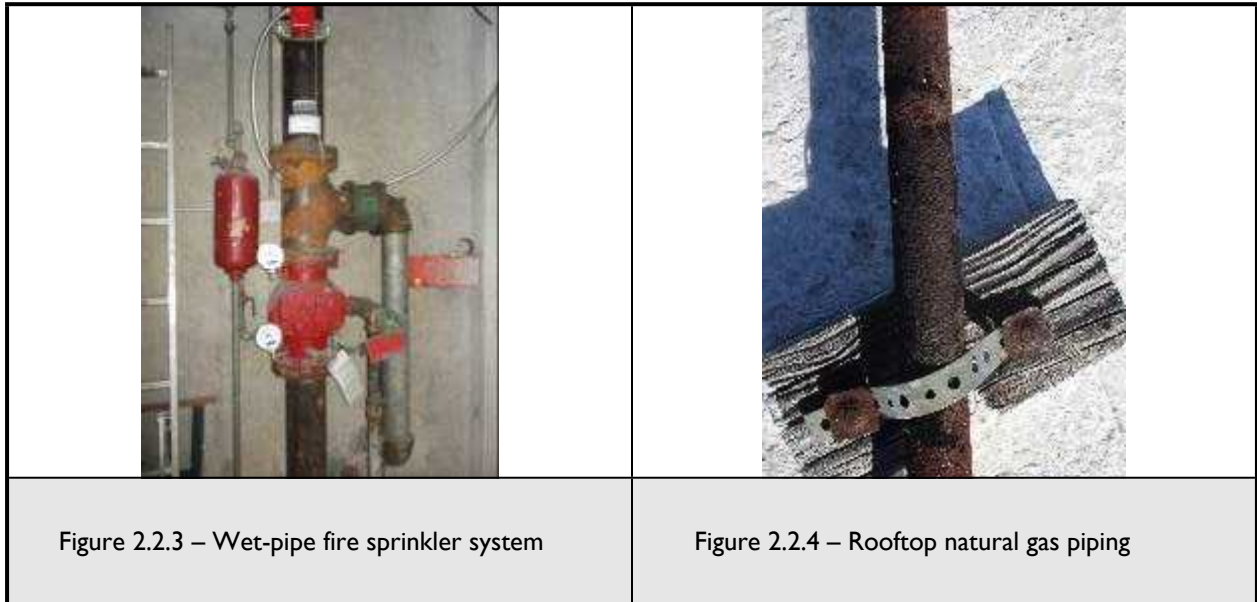
The fire sprinkler risers are piped separately from the domestic cold water entrance/backflow preventer. Fire sprinkler risers and piping are Schedule 40 steel. The backflow preventer for the property is located on the main incoming water service on the Airway Ave. side of the building, and appears to be inspected within the last year based on current inspection tags.



Figure 2.2.1 – Fire sprinkler water piping



Figure 2.2.2 – Domestic water incoming service



CONDITION

All of the observed piping systems at the property appear to be in good condition. No replacement reserves are anticipated for the piping systems at the original or new addition buildings at this time.

The sanitary lines, where able to be observed, appear to be in good condition. The Subject Property is over 45 years old and the natural gas pipes are starting to erode and in some areas.

RECOMMENDED IMMEDIATE REPAIRS, SHORT TERM REPAIRS OR REPLACEMENT RESERVES

Please see Table 1 for the recommended Immediate Repairs listed below.

- **None**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

2.3 ELECTRICAL SYSTEMS

The incoming electrical service feeds main service switchboard; feeding secondary runs to circuit breaker panels located throughout the Subject Building where it is distributed to the point of use. The main service switchboard is rated for 600-Amp, 240-Volt, 1-phase, 3-wire service and was manufactured by General Electric. The electrical circuit breaker panels vary in age and manufacturer, but most are rated for 225 Amp capacity. There are currently 2 E-MON D-MON electric submeters measuring the energy consumption of separate electrical panels and end uses. Also present at the site is a phase converter which allows certain machinery to be operated with 3-phase electrical service.

The building is almost exclusively by T12 fluorescent lighting fixtures in both the warehouse and office areas. A portion of the lighting was disabled at the electrical breaker panels and was not tested for quality control. The Subject Property reportedly has branch copper wiring and standard electrical devices, switches, and fixtures consistent with the Subject Property use type.



Figure 2.3.1 – Incoming electrical service



Figure 2.3.2 – Electrical Switchboard



Figure 2.3.3 – Electrical Breaker Panels



Figure 2.3.4 – Typical T12 fluorescent lighting



Figure 2.3.5 – Nonfunctional lighting fixtures



Figure 2.3.6 – Equipment from previous tenant

EBI performed a survey of the available main electrical components (switchgear, transformers, and distribution panels,) with an Infrared Thermal Imaging Camera, inspecting for hot spots which may indicate loose wiring, poor connections, load imbalance, cracked/broken wiring insulation, and/or old and failing electrical components. Typically, it is recommended that electrical components have at least a 40% load during an IR inspection; however, as the building is currently vacant this was not possible and the electrical systems there were surveyed under the current operating loads.

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA). Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds

20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

These NETA guidelines do not apply to the dry-type transformers, which are typically labeled with standard temperature rises of 80°C (176°F), 115°C (239°F), or 150°C (302°F), which is the temperature rise above ambient conditions which the transformer is rated to.

EBI recorded the following operating temperatures at the following electrical equipment while on site:

Equipment Type	Equipment Tag	Manufacturer	Signal Phases	Rated Amps	Rated Voltage	High Temp
Breaker Panel	A	GE	1	225	120/240	70.8
Breaker Panel	B	GE	1	225	120/240	62.4
Breaker Panel	C	ITE	1	225	120/240	51
Breaker Panel	C (2)	Unknown	1	Unknown	120/240	45.6
Breaker Panel	-	Unknown	1	Unknown	120/240	49.5
Breaker Panel	P	Square D	3	225	120/240	47.4
Breaker Panel	-	Murray	1	225	120/240	47.2
Breaker Panel	-	GE	1	225	120/240	49.5



Figure 2.3.7 – Thermal Imaging Sample

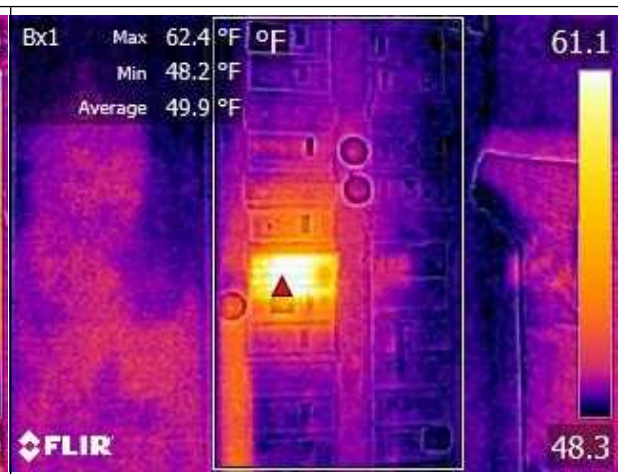


Figure 2.3.8 - Thermal Imaging Sample

CONDITION

The electrical components at the building generally appear to be in fair condition. The electrical switchboard has been exposed to worse than average conditions and is showing signs of deterioration. Based on their average effective useful life, current condition and reported maintenance program, Replacement Reserves are recommended for the main GE switchboard and original GE breaker panels.

The Subject Property contains a large portion of T12 lighting fixtures, manufacturing of which has been discontinued in the U.S. As such, all T12 lighting fixtures will need to be retrofit over the next 10 years because lamps will soon become unavailable. Several lighting fixtures were found to be nonoperational or flickering during the inspection whether due to physical damage, electrical issues, or missing lamps.

During the IR inspection of the electrical systems, no components were observed to have high operating temperature hot spots above the normally expected operating temperatures that require immediate

and/or preventative maintenance. Overall the electrical systems/ components appear to be in good condition.

An infrared photo log is attached as an appendix to this report to provide a representative sampling of the thermographs and findings from the site visit / electrical evaluation.

RECOMMENDED IMMEDIATE REPAIRS, SHORT TERM REPAIRS OR REPLACEMENT RESERVES

Please see Table 1 for the recommended Immediate Repairs listed below.

- **Replace nonfunctional lighting fixtures (Qty. ~5)**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Replace 600A Main Circuit Breaker, single phase (Qty. 1)**
- **Replace panel board, 3 wire, 225 amp main lugs, 36 circuits (Qty. 2)**
- **Retrofit T12 fluorescent lighting with T8 or linear LED (Qty. ~200)**

2.4 MECHANICAL EQUIPMENT

The HVAC equipment consists of packaged rooftop-mounted air conditioners with natural gas furnaces which serve the various office spaces in the building. There are a total of 5 units, but only the 2 most recently installed Carrier units are fully operational with capacities of 5 tons each. The older Day & Night units have each had their natural gas shut-off valves closed and 2 out of 3 of them have been abandoned completely with electricity disconnected. One office is supplemented by a thru-wall air conditioner that dispels heat into the warehouse. The warehouse is largely unconditioned with the exception of a single gas-fired unit heater. The building does not contain any dedicated exhaust fans.

The Subject Property is heated and cooled by the following approximate count and size of units:

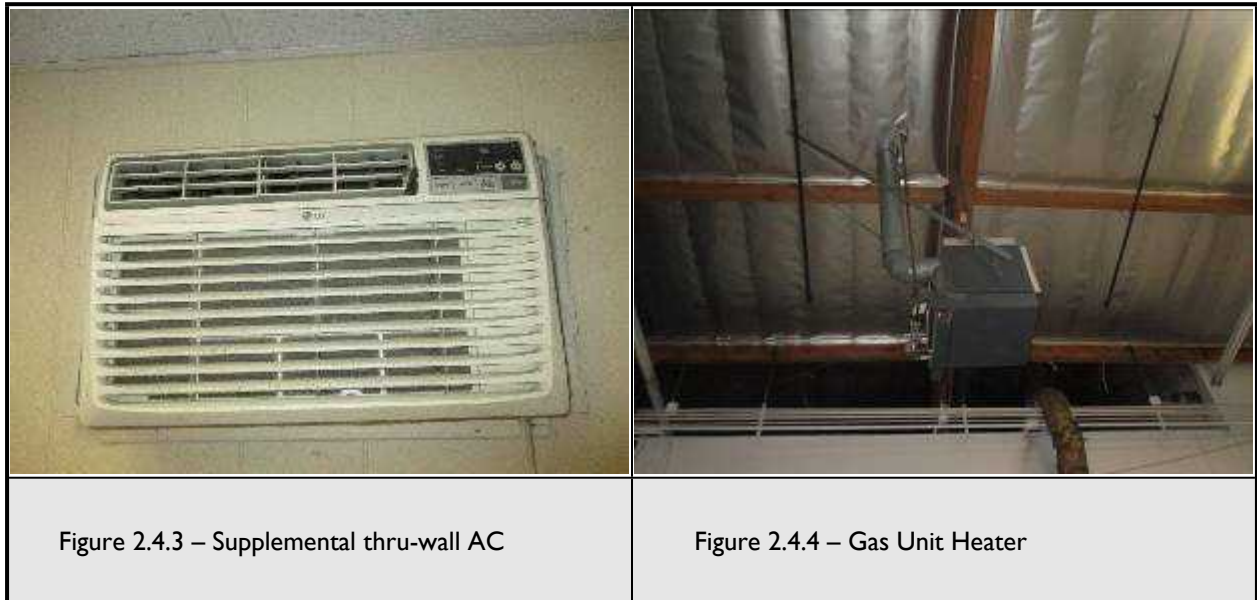
LOCATION	UNIT CAPACITY	MODEL #	SERIAL #	AGE	CONDITION
Rooftop (Airway)	5 tons	4YCC4060A10	170514577L	2	Excellent
Rooftop (Airway)	5 tons	48GSN060090	3505G21398	14	Good
Rooftop (Airway)	~1.5 tons	Unknown	Unknown	~21	Abandoned
Rooftop (Airway)	~1.5 tons	Unknown	Unknown	~21	Abandoned
Rooftop (McCormick)	1.5 tons	18/40YAC-101K	JCMKG29982	21	Poor
Warehouse	Unknown	Gas Unit Heater	Unknown	Unknown	Good



Figure 2.4.1 – Older Day & Night HVAC



Figure 2.4.2 – Abandoned HVAC unit



CONDITION

The newer Carrier units are 2 and 14 years old and are in excellent, and good condition, respectively. The older Day & Night units are estimated to be about 21 years old and are in poor condition. The average effective useful life of HVAC units of this size and type is 15 to 20 years, depending upon their location, maintenance and use type. Based on their average effective useful life, current condition and reported maintenance program, partial replacement of the HVAC units can be anticipated during the analysis term. Immediate Repairs and Replacement Reserves are recommended accordingly.

RECOMMENDED IMMEDIATE REPAIRS, SHORT TERM REPAIRS OR REPLACEMENT RESERVES

Please see Table 1 for the recommended Immediate Repairs listed below.

- **Replace 3-ton rooftop package unit – 100% OA, Single Zone (Qty. 3)**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **Replace 4-ton rooftop package unit – 100% OA, Single Zone (Qty. 1)**

2.5 BUILDING & SITE FIRE & LIFE SAFETY

DESCRIPTION

Observed fire and life safety systems serving the Subject Property includes a wet fire sprinkler system, wet stand pipes, and fire department hose connections. There was not a central fire alarm panel present at the property, though there appeared to have once been addressable zones for the fire safety alarm system as several alarms were seen with zone number labels printed. There is no active alarm monitoring service or auto-dialer. Handheld fire extinguishers are provided appropriately throughout the Subject Property.

The sprinkler system appears to contain mostly Viking sprinkler heads with standard response activators. The sprinkler head model numbers were checked against known active recalls to ensure reliability.

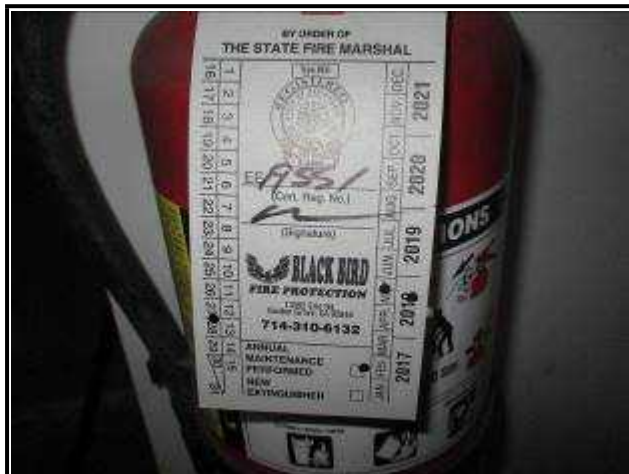


Figure 2.5.1 – Fire extinguisher inspection tag

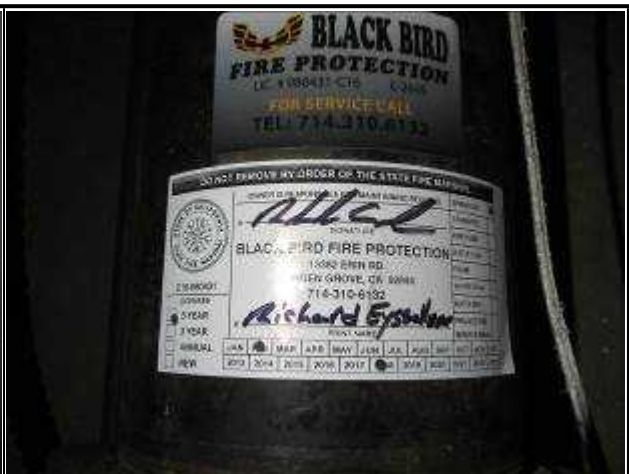


Figure 2.5.2 – Fire sprinkler system inspection tag



Figure 2.5.3 – Spare sprinkler head box



Figure 2.5.4 – Non-illuminated Exit signage



Figure 2.5.5 – Fire sprinkler alarm wiring disconnected



Figure 2.5.6 - Fire sprinkler alarm wiring disconnected

CONDITION

NFPA 25, the standard that sets the inspection, testing and maintenance requirements for sprinkler systems, is used fairly universally across the U.S. Some municipalities also add their own requirements. As part of the standard, sprinkler systems are to be service tested every 5 years. The most recent five-year test of the fire sprinkler systems at the building was performed in February 2018 and has not expired. Also present at the fire sprinkler rise was the fire suppression system annual inspection tag conducted in February 2018. This inspection tag will be expiring soon and should be renewed as part of routine maintenance. The fire suppression system appears overall to be in good condition.

Hand held portable fire extinguishers are required to be inspected annually. The current fire extinguishers tags indicated an inspected date of May 2018. The inspection tags observed appear to be current and the system appears to be in good condition.

A fire alarm panel appears to have been removed from the property and is recommended as an Immediate Repair to install a fire alarm system that meets local code. There is currently no central alarm system, only local smoke alarms.

Exit signs are located at the doorways of the emergency exits, but are not illuminated.

RECOMMENDED IMMEDIATE REPAIRS, SHORT TERM REPAIRS OR REPLACEMENT RESERVES

Please see Table 1 for the recommended Immediate Repairs listed below:

- **Replace central fire alarm panel (Qty. 1)**
- **Install Emergency Exit lights (Qty. 7)**
- **Install Emergency battery pack lights (Qty. 3)**

Please see Table 1 for the recommended Short Term Repairs listed below:

- **None**

Please see Table 2 for the recommended Replacement Reserves listed below:

- **None**

3.0 IMMEDIATE REPAIRS AND REPLACEMENT RESERVES

The cost estimates shown on the tables are based on data obtained from the Owner for items already planned, quotes from contractors, EBI's in-house equity database costs and our experience with costs and estimates for similar issues, property and building types, city cost indexes, and assumptions regarding future economic conditions. These projected costs are augmented by cost estimate resource documents such as the National Construction Estimator, Means Building Construction Cost Data, or Means Facilities Maintenance and Repair Cost Data Publications.

3.1 IMMEDIATE REPAIRS & SHORT TERM REPAIRS - TABLE 1

Each of the Immediate Repair items noted during the survey are listed on the following page on Table 1, and compiled on the Executive Summary Table. Items are grouped and cross-referenced by Report section. Immediate Repairs as may be identified during the survey are typically limited to life, safety, health, building code violation or building or property stabilization issues observed at a Subject Property.

Each of the Short Term Repair items noted during the survey are listed on the following page on Table 1, and compiled on the Executive Summary Table. Items are grouped and cross-referenced by Report section. Short Term Repairs as may be identified during the survey are typically repairs that are not life, safety, stabilization or code issues, but deferred maintenance or repairs necessary or of significant cost so to warrant them as a Short Term Repair, and/or that cannot be completed within a short timeframe due to the magnitude of the issue, the scope of work or weather.

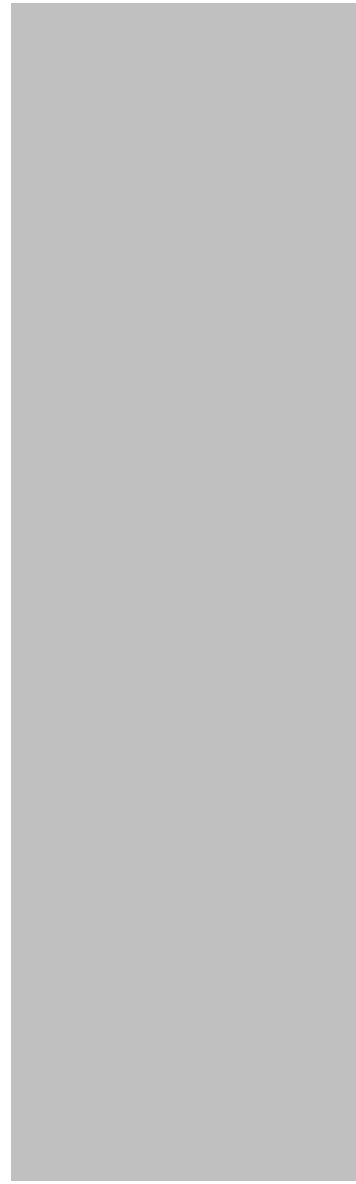
3.2 REPLACEMENT RESERVES - TABLE 2

Each of the Replacement Reserve items noted during the survey are listed on the following pages on Table 2, and compiled on the Executive Summary Table. Items are grouped and cross-referenced by Report section. Routine or customary annual maintenance items are not reported or included in this Report.

TABLE 7 - IMMEDIATE & SHORT TERM REPAIRS

No. of Assets: 10
 No. of Assets: 10
 No. of Assets: 10
 No. of Assets: 10
 No. of Assets: 10

Asset ID	Asset Name	Asset Type	Asset Class	Asset Status	Asset Location	Asset Age	Asset Condition	Asset Value	Asset Cost	Asset Depreciation	Asset Maintenance	Asset Repair	Asset Replacement
1	Asset 1	Asset Type 1	Asset Class 1	Asset Status 1	Asset Location 1	Asset Age 1	Asset Condition 1	Asset Value 1	Asset Cost 1	Asset Depreciation 1	Asset Maintenance 1	Asset Repair 1	Asset Replacement 1
2	Asset 2	Asset Type 2	Asset Class 2	Asset Status 2	Asset Location 2	Asset Age 2	Asset Condition 2	Asset Value 2	Asset Cost 2	Asset Depreciation 2	Asset Maintenance 2	Asset Repair 2	Asset Replacement 2
3	Asset 3	Asset Type 3	Asset Class 3	Asset Status 3	Asset Location 3	Asset Age 3	Asset Condition 3	Asset Value 3	Asset Cost 3	Asset Depreciation 3	Asset Maintenance 3	Asset Repair 3	Asset Replacement 3
4	Asset 4	Asset Type 4	Asset Class 4	Asset Status 4	Asset Location 4	Asset Age 4	Asset Condition 4	Asset Value 4	Asset Cost 4	Asset Depreciation 4	Asset Maintenance 4	Asset Repair 4	Asset Replacement 4
5	Asset 5	Asset Type 5	Asset Class 5	Asset Status 5	Asset Location 5	Asset Age 5	Asset Condition 5	Asset Value 5	Asset Cost 5	Asset Depreciation 5	Asset Maintenance 5	Asset Repair 5	Asset Replacement 5
6	Asset 6	Asset Type 6	Asset Class 6	Asset Status 6	Asset Location 6	Asset Age 6	Asset Condition 6	Asset Value 6	Asset Cost 6	Asset Depreciation 6	Asset Maintenance 6	Asset Repair 6	Asset Replacement 6
7	Asset 7	Asset Type 7	Asset Class 7	Asset Status 7	Asset Location 7	Asset Age 7	Asset Condition 7	Asset Value 7	Asset Cost 7	Asset Depreciation 7	Asset Maintenance 7	Asset Repair 7	Asset Replacement 7
8	Asset 8	Asset Type 8	Asset Class 8	Asset Status 8	Asset Location 8	Asset Age 8	Asset Condition 8	Asset Value 8	Asset Cost 8	Asset Depreciation 8	Asset Maintenance 8	Asset Repair 8	Asset Replacement 8
9	Asset 9	Asset Type 9	Asset Class 9	Asset Status 9	Asset Location 9	Asset Age 9	Asset Condition 9	Asset Value 9	Asset Cost 9	Asset Depreciation 9	Asset Maintenance 9	Asset Repair 9	Asset Replacement 9
10	Asset 10	Asset Type 10	Asset Class 10	Asset Status 10	Asset Location 10	Asset Age 10	Asset Condition 10	Asset Value 10	Asset Cost 10	Asset Depreciation 10	Asset Maintenance 10	Asset Repair 10	Asset Replacement 10



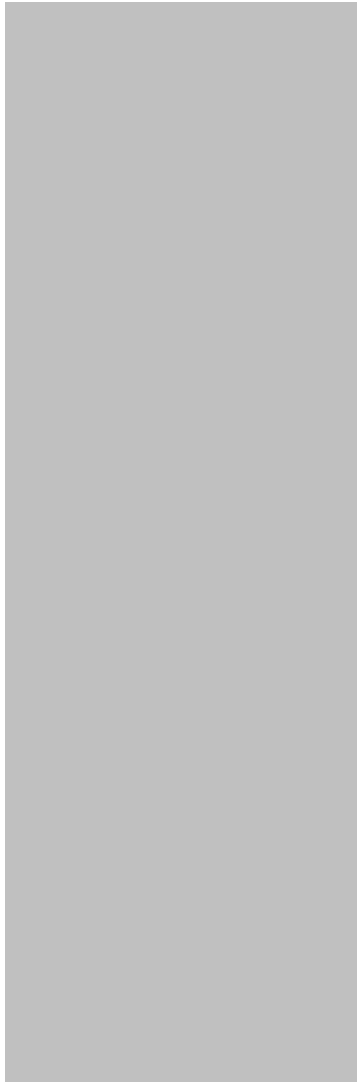


TABLE 2 - REPLACEMENT RESERVES

3175 Airway Ave.

Costa Mesa

California

EBI Project # 1319000059

Site Survey Date: 2/19/2019

Report Date: 2/26/2019

Property Type: Industrial

Number of Buildings: 1

Number of Floors: 2

Building Area: 29,816

Number of Units: 1

Property Age: 47

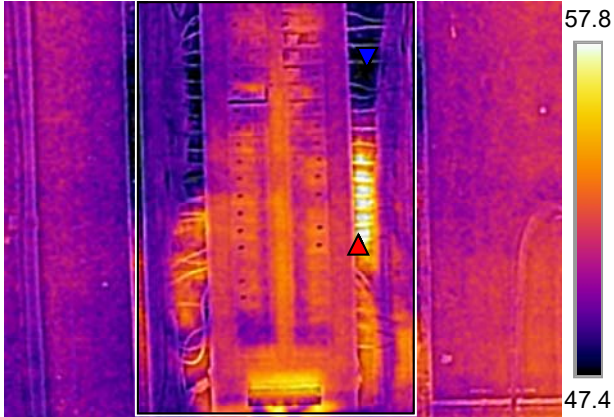
Loan Term: 10

Analysis Term: 10

SECTION NUMBER	SECTION NAME	RECOMMENDED WORK	AVERAGE EFFECTIVE USEFUL LIFE	EFFECTIVE AGE	REMAINING USEFUL LIFE	TOTAL QUANTITY OVER TERM	APPROXIMATE QUANTITY PER YEAR	UNIT COST	UNIT DESCRIPTION	ESTIMATED COST PER YEAR	Annual Costs										RECOMMENDED TOTAL OVER THE TERM			
											2019	2020	2021	2022	2023	2024	2025	2026	2027	2028				
											YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10				
2.0	MECHANICAL SYSTEMS																							
2.1	Plumbing	None																						
2.2	Piping	Replace rooftop steel natural gas piping (~250')	50	47	3	1	1	\$1,000.00	allowance	\$1,000			1,000										\$1,000	
2.3	Electric	Replace Main Circuit Breaker, single phase (600 Amp)	60	52	8	1	1	\$5,284	each	\$5,284							5,284						\$5,284	
2.3	Electric	Replace panel board, 3 wire, 225 amp main lugs, 36 circuits	60	52	8	2	2	\$3,067	each	\$6,133							6,133						\$6,133	
2.3	Electric	Retrofit T12 lighting with T8 or linear LED	20	15	5	200	40	\$50	allowance	\$2,000	2,000	2,000	2,000	2,000	2,000								\$10,000	
2.4	HVAC	Replace rooftop package unit (4-ton) - 100% OA, Single Zone	20	14	6	1	1	\$15,391.85	each	\$15,392					15,392								\$15,392	
2.5	F/L Safety	None																						
ANNUAL RECOMMENDATIONS, UNINFLATED											2,000	2,000	3,000	2,000	2,000	15,392		11,417					\$37,808	
INFLATION FACTOR, IN PERCENTAGE 1.030											100.00%	103.00%	106.09%	109.27%	112.55%	115.93%	119.41%	122.99%	126.68%	130.48%				
ANNUAL RECOMMENDATIONS, INFLATED @ 3.00% AFTER YEAR ONE											\$2,000	\$2,060	\$3,183	\$2,185	\$2,251	\$17,843		\$14,041					\$43,564	
Notes:											PRESENT VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES PER SF PER YEAR											\$0.13		
I.											INFLATED VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES PER SF PER YEAR											\$0.15		
Notes:											PRESENT VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES PER UNIT PER YEAR											\$3,781		
I.											INFLATED VALUE OF RECOMMENDED TOTAL ANNUAL RESERVES PER UNIT PER YEAR											\$4,356		

APPENDIX A – IR SURVEY REPORT

2/19/2019 11:23:19 AM



FLIR4858.jpg FLIR E6 63980081

Measurements

Bx1	Max	65.5 °F
	Min	46.9 °F
	Average	49.8 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel A

2/19/2019 11:23:19 AM



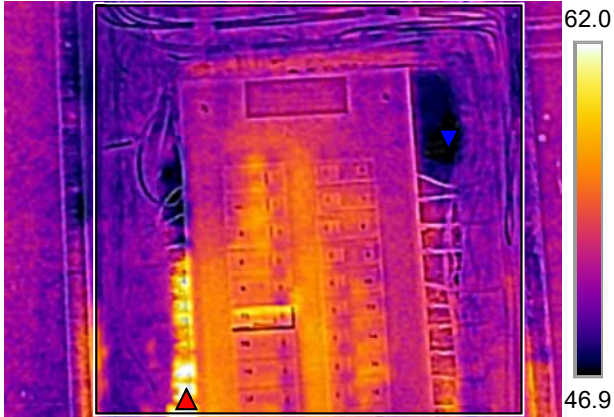
FLIR4858.jpg FLIR E6 63980081

Electrical Panel A

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:23:35 AM



FLIR4859.jpg FLIR E6 63980081

Measurements

Bx1	Max	70.8 °F
	Min	46.3 °F
	Average	49.3 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel A

2/19/2019 11:23:35 AM



FLIR4859.jpg FLIR E6 63980081

Electrical Panel A

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:31:50 AM



FLIR4861.jpg FLIR E6 63980081

Measurements

Bx1	Max	61.3 °F
	Min	48.3 °F
	Average	49.4 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel B

2/19/2019 11:31:50 AM



FLIR4861.jpg FLIR E6 63980081

Electrical Panel B

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:32:02 AM



FLIR4862.jpg FLIR E6 63980081

2/19/2019 11:32:02 AM



FLIR4862.jpg FLIR E6 63980081

Measurements

Bx1	Max	62.4 °F
	Min	48.2 °F
	Average	49.9 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel B

Electrical Panel B

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:32:29 AM



FLIR4863.jpg FLIR E6 63980081

Measurements

Bx1	Max	55.2 °F
	Min	46.6 °F
	Average	48.3 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

2/19/2019 11:32:29 AM



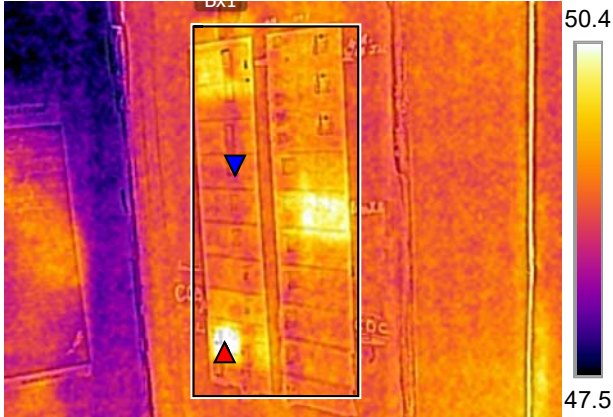
FLIR4863.jpg FLIR E6 63980081

Electrical Panel B

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:33:31 AM



FLIR4864.jpg FLIR E6 63980081

Measurements

Bx1	Max	51.0 °F
	Min	48.7 °F
	Average	49.3 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel C

2/19/2019 11:33:31 AM



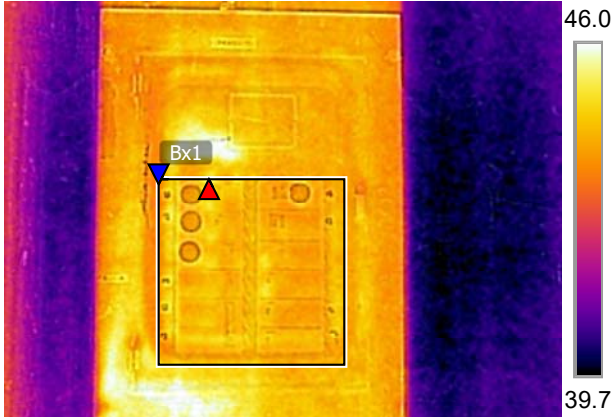
FLIR4864.jpg FLIR E6 63980081

Electrical Panel C

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:34:10 AM



FLIR4865.jpg FLIR E6 63980081

Measurements

Bx1	Max	45.6 °F
	Min	43.5 °F
	Average	44.3 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel C

2/19/2019 11:34:10 AM



FLIR4865.jpg FLIR E6 63980081

Electrical Panel C (2)

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:35:08 AM



FLIR4866.jpg FLIR E6 63980081

Measurements

Bx1	Max	49.5 °F
	Min	45.9 °F
	Average	47.0 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Unmarked

2/19/2019 11:35:08 AM



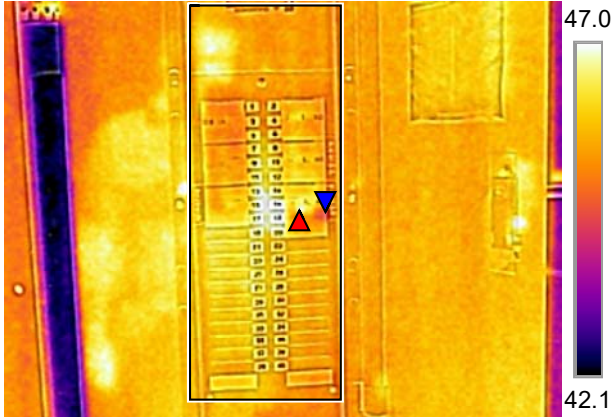
FLIR4866.jpg FLIR E6 63980081

Unlabeled Electrical Panel

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:35:38 AM



FLIR4867.jpg FLIR E6 63980081

Measurements

Bx1	Max	47.4 °F
	Min	44.5 °F
	Average	45.8 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Panel P

2/19/2019 11:35:38 AM



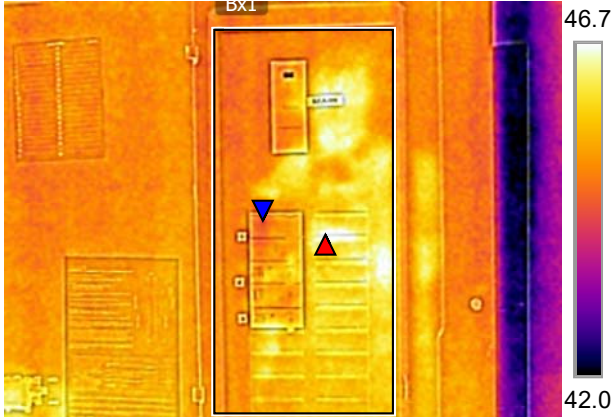
FLIR4867.jpg FLIR E6 63980081

Electrical Panel P

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:35:44 AM



FLIR4868.jpg

FLIR E6

63980081

2/19/2019 11:35:44 AM



FLIR4868.jpg

FLIR E6

63980081

Measurements

Bx1	Max	47.2 °F
	Min	44.3 °F
	Average	45.5 °F

Parameters

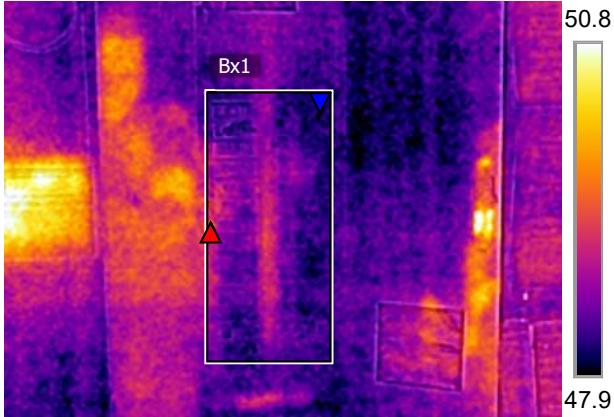
Emissivity	0.95
Refl. temp.	68 °F

Unlabeled Electrical Panel

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

2/19/2019 11:57:56 AM



FLIR4870.jpg FLIR E6 63980081

Measurements

Bx1	Max	49.5 °F
	Min	47.8 °F
	Average	48.4 °F

Parameters

Emissivity	0.95
Refl. temp.	68 °F

Note

Unmarked

2/19/2019 11:57:56 AM



FLIR4870.jpg FLIR E6 63980081

Unlabeled Electrical Panel

The surface temperatures recorded at the electrical panel fall within the safe temperature range defined by the InterNational Electrical Testing Association (NETA).

Guidelines from NETA recommend immediate repairs when the temperature difference between a component and the ambient air exceeds 20 degrees F or when the temperature difference between similar components adjacent to one another exceeds 7 degrees F.

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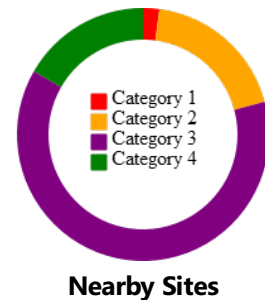
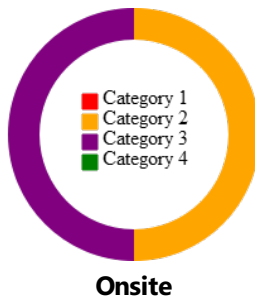
F.4 - 3175AirwayAve_032719_Level2

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Site Summary

	Onsite	Nearby Sites
Category 1 Sites	0	1
Category 2 Sites	1	9
Category 3 Sites	1	30
Category 4 Sites	0	8



Definitions

1

Category 1: High Impact Environmental Sites

This category contains datasets that provide information on contaminated sites/properties that exist on a national, state and local level. The information in this section indicates sites that have been identified as having current or prior significant environmental contamination or potentially having significant environmental contamination. It also contains "Superfund Sites" which involves the federal government in the cleanup effort as well as sites from equivalent state programs. These sites can include manufacturing facilities, processing plants, landfills and mining sites.

10

Category 2: Known or Suspected Environmental Contamination Notifications

This category includes potentially or confirmed contaminated sites that are less significant than the "Category 1" sites and are typically managed by the state, such as "Brownfield Sites". These are properties that the expansion, development, or reuse of may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. It also contains information from datasets identifying underground storage tanks that could pose a potential threat from having leaked either petroleum or a hazardous substance into the ground, from sites such as a gas station or service stations.

31

Category 3: Incident or Spill Sites

This category contains datasets from federal, state and local levels sites where environmental incidents have happened and may or may not have resulted in an environmental issue. Examples of incidents in this category can range from an insignificant release from a minor car accident to a major petroleum release.

8

Category 4: Sites with Activities containing Potential Environmental Impact Notifications

This category contains information from datasets that identify locations that have a registration or permit and could pose a potential risk to the environment. For example, gas stations, automotive service centers, dry cleaners, and manufacturers.

Mapped Sites

Map Id	Site Name	Address	Category	Database	Distance (ft) / Direction
A1	STILLEN AMERICAN	3176 AIRWAY AVE. COSTA MESA CA 92626	3	FRS	121 / ESE
A2	STILLEN	3176 AIRWAY AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	121 / ESE
A3	STEVE MILLEN SPORTPARTS INC	3176 AIRWAY COSTA MESA CA 92626	3	FRS,HAZNET - CA	174 / ENE
A4	STILLEN	3176 AIRWAY COSTA MESA CA 92626	3	ECHO,FRS,RCRA_SQG	174 / ENE
B5	DANA CREATH DESIGNS INC	3170 AIRWAY COSTA MESA CA 92626	3	ECHO,FRS	185 / SSE
B6	DANA CREATH DESIGNS	3170 AIRWAY COSTA MESA CA 92626	3	HAZNET - CA,RCRA_SQG	185 / SSE
C7	CALIBER COLLISION CENTERS	350 MCCORMICK AVE COSTA MESA CA 92626	3	ECHO,HAZNET - CA,RCRA_NONGEN	190 / NNE
C8	BRUCE STRUSS AUTO CARE INC	350 MCCORMICK AVE COSTA MESA CA 92626	3	ECHO,FRS,RCRA_SQG	190 / NNE
C9	RED HILL COLLISION	350 MCCORMICK AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	190 / NNE
C10	NEW VENTURES MOTORS LLC	350 MCCORMICK AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	190 / NNE
C11	CALIBER COLLISION #1094	350 MCCORMICK AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	190 / NNE
C12	DANMAR AUTOBODY LLC	350 MCCORMICK AVE COSTA MESA CA 92626	3	HAZNET - CA	190 / NNE
C13	NEW VENTURE MOTORS LLC	350 MCCORMICK AVE COSTA MESA CA 92626	3	HAZNET - CA	190 / NNE
C14	BELL STRAUSS AUTO CARE INC DBA BRUCE STR	350 MCCORMICK AVE COSTA MESA CA 92626	3	HAZNET - CA	190 / NNE
C15	BRUCE STRAUSS AUTO CARE_INC	350 MCCORMICK AVE COSTA MESA CA 92626	3	HAZNET - CA	190 / NNE
C16	NEW VENTURE MOTORS LLC DBA RED HILL COLLISION	350 MCCORMICK AVE COSTA MESA CA 92626	3	HAZNET - CA	190 / NNE
C17	SEMICOA CORP	333 345 MCCORMICK AVE COSTA MESA CA 92626	3	NPDES - CA,RFR - CA	222 / NNW
18	John Wayne Airport Maintenance Building	3180 Airway Avenue Costa Mesa CA 92626	3	CIWQS - CA,NPDES - CA,RFR - CA	275 / ENE
D19	MARKET STANDARDS INC	345 MCCORMICK COSTA MESA CA 92626	4	FTTS INSP	354 / NNW
D20	MARKET STANDARDS INC	345 MC CORMICK COSTA MESA CA 92626	3	FRS	354 / NNW
D21	MICROSEMI	333 & 345 MC CORMICK AVE COSTA MESA CA 92606	4	CIWQS - CA	354 / NNW
D22	SEMICOA CORP	333 MCCORMICK AVENUE COSTA MESA CA 92626	3	CIWQS - CA,ECHO,FRS,ICIS,NPDES - CA,PCS FACILITY,RFR - CA	364 / NNW
D23	SEMICOA	333 MCCORMICK AVENUE COSTA MESA CA 92626	1	ENVIROSTOR - CA	364 / NNW
D24	SEMICOA	333 MCCORMICK AVE COSTA MESA CA 92626	2	CIWQS - CA,HAZWASTE_ORANGE COUNTY - CA	364 / NNW
D25	SEMICOA CORPORATION	333 MCCORMICK AVE COSTA MESA CA 92626	2	HAZNET - CA,HAZWASTE_ORANGE COUNTY - CA,RCRA_SQG	364 / NNW
D26	SEMICOA	333 MCCORMICK COSTA MESA CA 92626	3	ECHO,FRS	433 / NW
E27	OC John Wayne Airport	3160 Airway Ave Costa Mesa CA 92626	3	CIWQS - CA,ECHO,FRS,ICIS,NPDES - CA,PCS FACILITY,RFR - CA	502 / SSW
E28	JOHN WAYNE AIRPORT	3160 AIRWAY AVE COSTA MESA CA 92626	4	FID UST - CA,UST - CA	502 / SSW
E29	N/R	JOHN WAYNE AIR PORT 3160 AIRWAY AVE COSTA MESA CA	3	HIST CHMIRS - CA	502 / SSW
E30	N/R	3160 AIRWAY AVE COSTA MESA CA 92626	4	HIST AST - CA	502 / SSW
E31	SOUTHWEST AIRLINES CO - JOHN WAYNE	3160 AIRWAY AVE COSTA MESA CA 92626	3	FRS	502 / SSW

E32	DEWATERING,JOHN WAYNE AIRPORT	3160 AIRWAY AVENUE COSTA MESA CA 92626	3	FRS	502 / SSW
E33	DEWATERING,JOHN WAYNE AIRPORT	3160 AIRWAY AVENUE COSTA MESA CA 92626	4	CIWQS - CA,CIWQS 2 - CA	502 / SSW
E34	PAULARINO GATE IMPROVEMENTS	3160 AIRWAY AVENUE COSTA MESA CA 92626	3	CIWQS - CA,RFR - CA	502 / SSW
E35	DECONSTRUCTION OF B1 PARKING STRUCTURE	3160 AIRWAY AVE COSTA MESA CA 92626	4	CIWQS - CA	502 / SSW
E36	ORANGE COUNTY SHERIFFS DEPARTMENT - JOHN WAYNE AIRPORT	3160 AIRWAY AVE COSTA MESA CA 92626	3	HAZNET - CA	502 / SSW
37	JWA Perimeter Road Reconstruction Phase II	3160 Airway Avenue Irvine CA 92618	3	CIWQS - CA,NPDES - CA,RFR - CA	533 / S
F38	WESTAR NUTRITION CORP.	350 PAULARINO AVE COSTA MESA CA 92626	3	ECHO,HAZNET - CA,RCRA_NONGEN	576 / SW
F39	VIVA LIFE SCIENCE INC/WESTAR NUTRITION CORP	350 PAULARINO AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	576 / SW
F40	SPECIALTY BODY WORKS INC	330 E PAULARINO AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	586 / WSW
F41	FIX AUTO COSTA MESA	330 E PAULARINO AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	586 / WSW
F42	SPECIALTY BODYWORKS INC	330 PAULARINO COSTA MESA CA 92626	3	HAZNET - CA	586 / WSW
F43	BRUCE STRAUSS AUTO CARE	330 PAULARINO COSTA MESA CA 92626	3	HAZNET - CA	586 / WSW
E44	JOHN WAYNE AIRPORT	3160 AIRWAY AVE COSTA MESA CA 92707	4	AST_ORANGE COUNTY - CA	591 / SSW
E45	JOHN WAYNE AIRPORT PERIMETER RD RECONSTRUCTION - PHASE II AREA	3160 AIRWAY COSTA MESA CA 92626	4	CIWQS - CA	591 / SSW
E46	TAXIWAY B, JWA	3160 AIRWAY COSTA MESA CA 92626	3	CIWQS - CA,RFR - CA	591 / SSW
E47	VIVA LIFE SCIENCE INC/WESTAR NUTRITION CORP	350 E PAULARINO AVE COSTA MESA CA 92626	2	HAZWASTE_ORANGE COUNTY - CA	602 / SSW
G48	RESPIRATORY SUPPORT PRODUCTS	3183-D AIRWAY AVE COSTA MESA CA 92626	3	ECHO,FRS,RCRA_SQG	634 / NE
G49	RESPIRATORY SUPPORT PRODUCTS	3183 D AIRWAY AVE COSTA MESA CA 92626	3	HAZNET - CA	634 / NE
G50	CANCUN COLOR PRODUCTIONS	3183 F AIRWAY AVENUE COSTA MESA CA 92626	3	HAZNET - CA	634 / NE

Non-Mapped Sites

(Additional sites of interest near property that were not able to be placed)

Site Name	Address	Category
	PAULARINO AVE COSTA MESA CA 92626	3
	PAULARINO AVE COSTA MESA CA 92626	3
55/PAULARINO FUEL SPILL SITE	PAULARINO AVE COSTA MESA CA 92626	3
JOHN WAYNE AIRPORT PERIMETER RD RECONSTRUCTION - PHASE II AREA	AIRWAY & AIRWAY AVE COSTA MESA CA 92626	4
NAVITAS UTILITY COPORATION	AIRWAY & AIRWAY AVE COSTA MESA CA 92626	4