

Final

Phase I Environmental

Site Assessment

PRESENTED BY:



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CRES Project No: 18-2045

Site Name: West Capitol Expressway-PS20616

SITE ADDRESS:

**231 West Capitol Expressway, San Jose
California 95136**

REPORT DATE:

February 1, 2018

PREPARED FOR:

Public Storage and Storage Equities, Inc., a California Corporation

Report Prepared by: Champlain Global Inc. "CGI"



February 1, 2018

Public Storage and Storage Equities, Inc., a California Corporation

RE: Phase I Environmental Site Assessment Report

Subject Site Location: 231 West Capitol Expressway, San Jose, California 95136

CREsurveys, LTD. Project No. 18-2045

Site Name: West Capitol Expressway-PS20616

Enclosed with this letter are copies of the Phase I Environmental Site Assessment Report completed by **CREsurveys, LTD.** for the site referenced above. As you will note in the report, our conclusions regarding the environmental condition of the site are summarized in Section 1.0, ***Findings and Conclusions.***

Please don't hesitate to contact us should you have any questions regarding the environmental assessment, or if we can be of additional assistance. We look forward to working with you again in the future.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Krusinski', is written over a light gray horizontal line.

John Krusinski, Environmental Professional



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Site: 231 West Capitol Expressway San Jose, California 95136

PROJECT NO. 18-2045

BY

CREsurveys, LTD.

(330) 777-0502

THIS REPORT WAS PREPARED FOR THE SOLE USE AND BENEFIT OF OUR CLIENT, **Public Storage and Storage Equities, Inc., a California Corporation**, AND IS BASED, IN PART, UPON DOCUMENTS, WRITINGS, AND INFORMATION OWNED AND POSSESSED BY OUR CLIENT. NEITHER THIS REPORT, NOR ANY OF THE INFORMATION CONTAINED HEREIN, SHALL BE USED OR RELIED UPON FOR ANY PURPOSE BY ANY PERSON OR ENTITY OTHER THAN OUR CLIENT. ALL STANDARD TERMS, CONDITIONS, AND LIMITATIONS BY ***CREsurveys, LTD.*** APPLY AT ALL TIMES FOR THIS REPORT AND ALL REPORTS ISSUED BY ***CREsurveys, LTD.***

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SECTION 1.0

EXECUTIVE SUMMARY: FINDINGS AND CONCLUSIONS

1.1 FINDINGS

This report presents the results of the Phase I Environmental Site Assessment conducted by **CREsurveys, LTD.** at 231 West Capitol Expressway, San Jose, California 95136 (see Maps, Property Location Map). The Phase I assessment was undertaken at the request of **Public Storage and Storage Equities, Inc., a California Corporation** in accordance with **CREsurveys, LTD.'s** Standard Terms and Conditions, as outlined in **CREsurveys, LTD.'s** Letter of Intent/Authorization for **Project No. 18-2045**. The findings and conclusions of this investigation are based upon a review of historic site-use activities, contact with and records from governmental regulatory agencies, regulatory database searches, as well as a site reconnaissance and interviews with the client, site personnel, and possibly others who may have knowledge of various aspects of the subject site.

At the time of this assessment, the site consisted of approximately 3.52 acres of developed land. The buildings on-site are a Public Storage self storage facility. There are ten, one story, masonry and steel with concrete slab on grade foundation buildings with steel roofs. According to the site contact, there are 522 storage units on the property. The parking lot is asphalt with three parking spaces and there are shallow concrete drainage systems on-site which discharge to a storm drain at northern corner of the property. Landscaping on the property includes trees, bushes and shrubs, and maintained lawns.

Information gathered in the course of this assessment indicates that the subject site is currently owned by Public Storage.

The principal findings of **CREsurveys, LTD.'s** Phase I Environmental Site Assessment for this site are as follows:

The subject site is currently affected by:

- No recognized environmental conditions (REC);
- Three (3) *de minimis* conditions:

1. 3939 Snell Avenue

HIST UST, UST, EDR Hist Auto, SAN JOSE HAZMAT, SAN JOSE HAZMAT, LUST, LUST, LUST, HIST CORTESE, RCRA SQG, LUST, FINDS, ECHO, CUPA Listings, HAZNET, SAN JOSE HAZMAT, HIST LUST, HIST LUSTSWEEPS UST

314 feet / East / +1 feet

The site listed in the EDR Radius Map Report with GeoCheck at 3939 Snell Avenue is a Valero gas station and Complete Auto Care automotive service facility. The site has been a gas station back to 1971, The site is listed as an automotive repair facility back to 1972. A LUST incident was reported in 1989 and is listed as Case Closed. A LUST incident was reported in 1999 and is listed as Remedial Action (Cleanup) Underway. However, a search of CAEPA files indicates the site was issued a Closure letter 9/23/2015 (see appendices, or http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402 for further information). A LUST incident was reported 1990 and is listed as Case Closed. There are no current violations reported for this site. After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

2. 175 West Capitol Expressway

UST, EDR, Hist Auto, HIST UST, HIST UST, HAZNET, HIST CORTESE, LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN JOSE HAZMAT

578 feet / East-Northeast / +2 feet

The site listed in the EDR Radius Map Report with GeoCheck at 175 West Capitol Expressway is a Chevron gas station and automotive service center. The site has been a gas station back to the early 1970's. The site has been an automotive service center back to at least 1975. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925 for further information). There are no current violations reported for this site.

After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

3. 3951 Snell Avenue

UST, SWEEPS UST, UST, HIST UST, SAN JOSE HAZMAT, LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST CORTESE, RCRA SQG, FINDS, ECHO

619 feet / East-Southeast / +3 feet

The site listed in the EDR Radius Map Report with GeoCheck at 3951 Snell Avenue is a 76 gas station. The site has been a gas station back to 1973. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935 for further information). There are no current violations reported for this site.

After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

- No historical recognized environmental conditions (HREC) or controlled recognized environmental conditions (CREC).
- Given the findings and conclusions of **CREsurveys, LTD.**'s Phase I Environmental Site Assessment, further investigation is not recommended at this time.
- **CREsurveys, LTD.** has performed this Phase I Environmental Site Assessment of the subject site in conformance with the scope and limitations of the Environmental Protection Agency, Standards and Practices for All Appropriate Inquiries, 40 CFR Part 312 and the standard practice set forth in the American Society for Testing and Materials (ASTM) Designation: E1527-05 and E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." Any exceptions to, or deletions from, these practices are described in Section 1.4 of this report.
- This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

1.2 CONCLUSIONS SUMMARY

Based on the findings of this Phase I Environmental Site Assessment, *CREsurveys, LTD.* has identified no recognized environmental conditions:

RECOGNIZED ENVIRONMENTAL CONDITION(S)		
Condition #	Location	Description of Condition
None	N/A	No evidence of recognized environmental conditions was found during this investigation.

Note: Descriptions of conditions are given again in further detail in Section 6.0, Conclusions and Recommendations, along with recommendations as to how to address the conditions and the estimated costs of completing any recommended next-step action. *CREsurveys, LTD.* classifies a recognized environmental condition, per the ASTM Standard E 1527-13 definition, as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Based on the findings of this Phase I Environmental Site Assessment, *CREsurveys, LTD.* has identified the following *de minimis* conditions, historical recognized environmental conditions, and/or controlled recognized environmental conditions:

**DE MINIMIS CONDITIONS HISTORICAL RECOGNIZED ENVIRONMENTAL
CONDITIONS, OR CONTROLLED RECOGNIZED ENVIRONMENTAL
CONDITIONS**

Condition #	Location	Description of Condition	Condition
1	East	<p>3939 Snell Avenue</p> <p>HIST UST, UST, EDR Hist Auto, SAN JOSE HAZMAT, SAN JOSE HAZMAT, LUST, LUST, LUST, HIST CORTESE, RCRA SQG, LUST, FINDS, ECHO, CUPA Listings, HAZNET, SAN JOSE HAZMAT, HIST LUST, HIST LUSTSWEEPS UST</p> <p>314 feet / East / +1 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 3939 Snell Avenue is a Valero gas station and Complete Auto Care automotive service facility. The site has been a gas station back to 1971, The site is listed as an automotive repair facility back to 1972. A LUST incident was reported in 1989 and is listed as Case Closed. A LUST incident was reported in 1999 and is listed as Remedial Action (Cleanup) Underway. However, a search of CAEPA files indicates the site was issued a Closure letter 9/23/2015 (see appendices, or http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402 for further information). A LUST incident was reported 1990 and is listed as Case Closed. There are no current violations reported for this site. After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition.</p>	de minimis

**DE MINIMIS CONDITIONS HISTORICAL RECOGNIZED ENVIRONMENTAL
CONDITIONS, OR CONTROLLED RECOGNIZED ENVIRONMENTAL
CONDITIONS**

Condition #	Location	Description of Condition	Condition
		Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.	
2	East-Northeast	<p>175 West Capitol Expressway UST, EDR, Hist Auto, HIST UST, HIST UST, HAZNET, HIST CORTESE, LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN JOSE HAZMAT</p> <p>578 feet / East-Northeast / +2 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 175 West Capitol Expressway is a Chevron gas station and automotive service center. The site has been a gas station back to the early 1970's. The site has been an automotive service center back to at least 1975. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925 for further information). There are no current violations reported for this site.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition.</p> <p>Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	de minimis

**DE MINIMIS CONDITIONS HISTORICAL RECOGNIZED ENVIRONMENTAL
CONDITIONS, OR CONTROLLED RECOGNIZED ENVIRONMENTAL
CONDITIONS**

Condition #	Location	Description of Condition	Condition
3	East-Southeast	<p>3951 Snell Avenue</p> <p>UST, SWEEPS UST, UST, HIST UST, SAN JOSE HAZMAT, LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST CORTESE, RCRA SQG, FINDS, ECHO</p> <p>619 feet / East-Southeast / +3 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 3951 Snell Avenue is a 76 gas station. The site has been a gas station back to 1973. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935 for further information). There are no current violations reported for this site.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition.</p> <p>Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	de minimis

Note: Descriptions of conditions are given again in further detail in Section 6.0, Conclusions and Recommendations, along with recommendations as to how to address the conditions. *CREsurveys, LTD.* classifies an environmental condition as a de minimis (potential or possible) condition when it appears to pose no immediate threat to the subject site and/or requires no immediate action given the current knowledge of site conditions. It is a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This condition with time, groundwater movement, demolition or other disturbances, or sometimes with the acquisition of further information, may come to pose a long-term, immediate, or chronic environmental risk; and/or this condition may appear to have a negligible monetary/physical impact on the subject property, and therefore, does not require additional investigation at this time. Conditions determined to be de minimis conditions are

not recognized environmental conditions nor controlled recognized environmental conditions. *CREsurveys, LTD.* classifies a historical recognized environmental condition (HREC) 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. An HREC is limited to include only past releases that have been addressed to unrestricted residential use. *CREsurveys, LTD.* classifies a Controlled Recognized Environmental Condition (CREC) 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 agency, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

1.3 SITE FACTS

SITE FACTS	
Current Owner(s):	Public Storage
Current Use:	Public Storage self storage facility
Current Occupant(s):	Public Storage self storage facility
Total # of Existing Buildings:	Ten (10)
Total Sq. Ft. of Building:	69,000
Date Oldest Building was Built:	1981
Total # of Units:	Ten (10)
Total # of Units Visually Inspected:	Ten (10)
Site Contact:	Nicole Olsen
Field Assessor:	John Krusinski
Report Writer:	John Krusinski
Parcel #:	462-19-013

SITE FACTS	
Address Provided by Client:	231 West Capitol Expressway San Jose, California 95136
Total Acreage of Land:	3.52
Date of Site Reconnaissance:	1/30/2018
Total # of Wells (water, oil, gas, other) identified onsite:	None Identified
Areas/Units that were inaccessible to the <i>CREsurveys, LTD.</i> field assessor:	None
Were enough (units/offices/buildings/acres) inspected to ensure that the inspection was homogenous?	Yes
Did the field assessor notice any unusual odors on or from the subject site or adjoining sites during the site reconnaissance?	No
Water:	The subject site obtains its potable water from the City of San Jose water distribution system.
Sewage:	The subject site disposes of its sewage through the City of San Jose sewer system.
Heating & Cooling:	The subject building is heated and cooled by a heating and air-conditioning system. The heating and air-conditioning system obtains its fuel from electricity and natural gas.

1.4 EXCEPTIONS AND/OR DELETIONS TO ASTM E 1527

There are no exceptions to ASTM E 1527.

1.5 NON-SCOPE ISSUES

According to client request, no other environmental issues that are "non-scope considerations" under ASTM E 1527, such as asbestos-containing materials, radon, lead-based paint, and lead in drinking water, were assessed.

SECTION 2.0

INTRODUCTION

2.1 PURPOSE OF A PHASE I ESA

The purpose of this Phase I Environmental Site Assessment is to assess (1) the likelihood of contamination of the subject site as a result of either past or present land-use practices; and (2) the potential for future environmental contamination which may occur as a result of current conditions or operations and maintenance activities at either the subject site or properties adjoining the subject site, thereby identifying real or potential environmental or economic impact to the subject site. In this way, the client may satisfy a requirement to qualify for the innocent landowner defense to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability by completing "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial and customary practice." To meet these objectives, *CREsurveys, LTD.* attempted to complete the tasks outlined in this section except as noted in Section 1.4.

2.2 SCOPE OF WORK

The Scope of Work that has been followed for this assessment is identified in Section 1 .1, Page 1-1.

2.2.1 Site Description

Site photographs were taken during the site reconnaissance. The photographs and their summary descriptions can be found in Appendix A.

CREsurveys, LTD. reviewed pertinent, reasonably ascertainable information on the soil types and groundwater conditions in the vicinity of the subject site. For the purposes of this assessment, the depth from the ground surface and the direction (or gradient) of the groundwater flow are of particular significance. Such findings are used by *CREsurveys, LTD.* report writers, in conjunction with additional information about environmental conditions on nearby sites, to assess the risk that is faced by the subject site from off-site sources of contamination.

It should be noted that *CREsurveys, LTD.* geological and hydrological research does not include investigation of seismological concerns (i.e., fault lines) that may affect the area of the subject site. Although the existence of faults in an area may be of concern to property owners and residents in that area, it is not considered to be an environmental concern, and so is not usually a component of a Phase I Environmental Site Assessment. (However, in the event that it is required, *CREsurveys, LTD.* can assist the client in completing a seismological investigation.)

2.2.2 Site Reconnaissance

A *CREsurveys, LTD.* field assessor conducted a visual reconnaissance of the subject property to identify observable signs of environmental impairments, including on-site operations and maintenance activities which may lead to possible environmental impairment. As a part of the site reconnaissance, *CREsurveys, LTD.* visually inspected the site for obvious indications of:

- Existing and previously existing storage tanks (aboveground and underground)
- Hazardous substances storage and handling
- Clarifiers, sumps, trenches, and industrial discharge sources
- Equipment which may contain polychlorinated biphenyls (PCB) (fluorescent light ballasts are not inspected)
- Indications of spillage of hazardous substances, and the general condition of concrete, asphalt, soil, and other surfaces
- Indications of stressed vegetation as a result of on-site contamination

During the site reconnaissance, **CREsurveys, LTD.** field assessors may make note of basic compliance issues which, may be environmental in nature, however are not issues directly associated with the potential for site contamination (i.e., the specific objective of our assessment). However, as a service to our clients, and because these compliance issues may contribute to our overall understanding of site operations, **CREsurveys, LTD.** may comment on the site's basic compliance status. The review of the site's compliance status is not intended to be complete or comprehensive and may or may not include all items identified during the site reconnaissance.

Again, the compliance review is not intended as a comprehensive compliance audit. Rather, the compliance review is only intended to aid **CREsurveys, LTD.** in determining the likelihood that the subject site may have been impacted by releases of hazardous substances.

When the storage or use of hazardous substances are encountered on a site, the **CREsurveys, LTD.** field assessor will look for or inquire about the on-site presence of Material Safety Data Sheets (MSDSs). MSDSs are prepared by the manufacturers of hazardous substances (pursuant to OSHA's Hazard Communication Standard), and they detail the components, dangers, and proper handling procedures for the hazardous substance for which they have been prepared. The presence or absence of MSDSs for on-site hazardous substances will be noted in 3.5, Hazardous Substances Storage and Handling. However, some sites may use or store hundreds of various chemical compounds. In such cases, it is practically impossible for the field assessor to match-up each substance with its corresponding MSDS. Still, the field assessor will inquire about MSDSs and copies of representative MSDSs that were made available will be included in the appendices.

CREsurveys, LTD. may have (based on contract) inspected and reviewed information for the subject site regarding the presence of specific hazardous substances which are relatively common sources of environmental concern. The substances in question include:

- Common building materials that may contain or are suspected of containing asbestos
- Radon (at elevated levels)
- Lead-contaminated drinking water
- Lead-based paints

Based on ASTM E1527-05 AND E1527-13, federal, state, and other regulatory agency guidelines, the following presumptions were in force if and when *CREsurveys, LTD.* inspected the subject site for specific hazardous substances:

- Structures built after 1980 are considered asbestos-free.
- Structures built after 1979 are considered lead-free (with respect to both water and painted surfaces).
- Fluorescent light ballasts will be considered PCB-free and will not be noted in the report regardless of their date of manufacture, unless *CREsurveys, LTD.* is instructed to do otherwise in writing by the client.
-

CREsurveys, LTD. also inspected the properties that adjoin the subject site. In general, this inspection included a "drive-by" survey to note the operations which may pose an imminent or potential environmental threat to the subject site.

2.2.3 Review of Historical Information

For this assessment, *CREsurveys, LTD.* may have reviewed reasonably ascertainable historical aerial photographs and United States Geologic Survey (U.S.G.S.) topographic maps of the subject site and vicinity. This review consisted of examining the reasonably ascertainable available photographs and topographic maps for evidence of activities on or development of the subject site and adjoining sites that may show an environmental condition or concern which may currently affect the subject site. The specific aerial photographs and U.S.G.S. maps that were reviewed for this assessment are identified and their environmentally relevant features are described in Section 4.1.

CREsurveys, LTD. may have also reviewed any reasonably ascertainable Historic Maps of the subject site and vicinity. Such maps have been prepared by fire insurance companies in order to determine the potential risk of fire damage to buildings in metropolitan areas. These maps have been produced since the mid-1850s and, for some areas, they are still produced today. For the purposes of a Phase I Environmental Site Assessment, these maps may contain helpful information on the ages and past uses of buildings, as well as information about on the storage of hazardous and flammable substances. However, because it was only worthwhile for fire insurance

companies to map metropolitan areas, the scope of coverage of these maps is somewhat limited. If Historic Maps have provided coverage of the subject site, and if the specific maps were reasonably ascertainable, then the specific maps that were reviewed for this assessment are identified, and their environmentally relevant features described, in Section 4.2.

One of the least known yet most complete and comprehensive historical sources are historical city or street directories. These texts may have been reviewed by *CREsurveys, LTD.* to the extent that they have provided coverage of the subject site and were reasonably ascertainable. *CREsurveys, LTD.* reviews historical city or street directories (also known as criss cross or reverse indexed directories) for information on the past occupants of and activities on the subject site and adjoining sites. These directories were prepared by companies that catered to the needs of salespeople by providing the names of the occupants at a given address (that is, unlike a traditional telephone book, the entries of a reverse directory are arranged by address, not by name). However, like Historical Maps, the scope of coverage of these directories is limited to mostly metropolitan areas. If they were reasonably ascertainable, they were reviewed and Section 4.3 contains listings of historical city or street directories.

CREsurveys, LTD. has contacted various state, county, and municipal agencies having current or past jurisdiction over the subject site, in an attempt to review reasonably ascertainable records that contain specific information about environmental conditions on the subject site that these agencies may have on file, or to establish that no environmentally relevant records are on file for the subject site. The client should be aware that most regulatory agencies file their records by address or corporate name (as opposed to parcel number or site name). If no specific address has been assigned to a site, then, typically, no environmental records related to the site will be forthcoming from the state, county, or municipal regulatory agencies. The findings of this records search are reported in Section 4.4, Agency Contacts. The names of the persons contacted within the various agencies are listed on the Regulatory Contacts Sheet, which is included in Section 5.1. Copies of any records obtained from regulatory agencies can be found in the appendices. In some instances, *CREsurveys, LTD.* may not yet have received a reply from one or more of the agencies that were contacted. (Some agencies will take six weeks or longer to reply to a verbal or written request.) In the event of such delays in response, rather than delaying the issuance of the report, *CREsurveys, LTD.* has indicated in the report that a response to the request for records is pending, and a copy of the regulatory request form has been included in appendices. Any pertinent information that is subsequently received from the pending agency will be addressed and forwarded to the client in the form of an addendum to this report.

CREsurveys, LTD. has also reviewed an EDR Radius Map Report with GeoCheck, a computer-generated federal, state, and regional one-mile regulatory database search in an effort to determine whether the subject site is listed on an agency environmental database and to identify possible regulatory-listed sites of concern within a one-mile radius of the subject site. In general, these documents list known or suspected hazardous-waste generators, release sites, landfills, unauthorized disposal sites, sites with registered underground storage tanks, and sites currently under investigation for known or suspected environmental violations or releases. In conjunction with the findings on the geological and hydrological conditions, information obtained from the database search can be used to assess the environmental risk faced by the subject site from past or present off-site sources of contamination. Additionally, the EDR Radius Map Report with GeoCheck may provide information about on-site sources of contamination. The EDR Radius Map Report with GeoCheck review can be found in Section 4.5; a copy of the complete EDR Radius Map Report with GeoCheck document and a detailed description of the databases that were searched are included in the appendices.

When requested, **CREsurveys, LTD.** will compile and review a chain-of-title abstract for the subject property. The chain-of-title abstract can help the client and **CREsurveys, LTD.** to better understand the history of the use of the subject site. The chain-of-title abstract is typically compiled from documents obtained from the County Recorder's Office or Tax Assessor's Office. The chain-of-title abstract review, if completed for this report, can be found in Section 4.6. The County Assessor also may be contacted to determine whether the subject site has been assigned addresses in the past which are different from its current address. It is the client's responsibility to supply **CREsurveys, LTD.** with any records of environmental liens or other such documents.

On occasion, the client, the client's representatives, or on-site personnel will make available environmental documents pertaining to the subject site. These documents may be prior Phase I Reports, environmental site remediation reports, foundation soil reports, or occupancy records, among others. If these are made available prior to the issuance of the report, **CREsurveys, LTD.** will review the conclusions of these documents, which may help to confirm or disprove any tentative findings that **CREsurveys, LTD.** has developed independently. If the client has supplied environmental documents for review as part of this assessment, the findings are included in Section 4.7.

After the above information from existing historical records, regulatory agencies, interviews, and other additional environmental documents has been reviewed and evaluated, **CREsurveys, LTD.**

presents the site uses for the subject property as well as adjoining site uses in a chronological table. This historic site use summary assists the client, as well as the field assessors and reviewers to have a perspective of the historical uses of the subject site. The Historical Site Use is presented in Section 4.8.

2.2.4 Interviews

CREsurveys, LTD. attempts to interview various individuals who may have knowledge of various aspects of the subject site. Typically, the interviewees might include:

- Current and previous owners
- Site and operations managers
- Tenants
- Local regulatory personnel

The interviews are summarized in Section 5.0.

2.2.5 Conclusions and Recommendations

Section 6.0, Conclusions and Recommendations, provides detailed descriptions of the recognized environmental conditions, the de minimis conditions, historical recognized environmental conditions, and controlled recognized environmental conditions that, in the professional opinion of *CREsurveys, LTD.*, currently affect the subject site. Section 6.0 also recommends or suggests the next-step actions that may be required to begin addressing the conditions.

The essential information on a condition at a given location is contained in the "Description of Condition" and the "Action Suggested" boxes of the table for that location. The section numbers refer to those sections in the report that describe the research tasks and findings behind the conclusions. This reporting method allows the reader to quickly go to those sections that are pertinent to the condition.

2.3 INTERPRETATION OF THE REPORT

Following the completion of the tasks outlined above, *CREsurveys, LTD.* prepared this report to present our findings and conclusions clearly and consistently. In an attempt to aid the reader and bring organization to pieces of seemingly unrelated information, *CREsurveys, LTD.* has developed a report format that is both innovative and concise. Each piece of information is described in the context of the research or assessment task under which it was found. Typically, an environmental condition will incorporate a number of specific findings. So, in Section 6.0, Conclusions and Recommendations, the various particular findings are grouped together and collectively presented with the description of the environmental condition that is corroborated by those findings

SECTION 3.0

SITE DESCRIPTION AND RECONNAISSANCE

The subject site is surrounded by an area of predominantly commercial properties. At the time of this assessment, the site consisted of approximately 3.52 acres of developed land. The buildings on-site are a Public Storage self storage facility. There are ten, one story, masonry and steel with concrete slab on grade foundation buildings with steel roofs. According to the site contact, there are 522 storage units on the property. The parking lot is asphalt with three parking spaces and there are shallow concrete drainage systems on-site which discharge to a storm drain at northern corner of the property. Landscaping on the property includes trees, bushes and shrubs, and maintained lawns.

Information gathered in the course of this assessment indicates that the subject site is currently owned by Public Storage

The following subsections describe the physical characteristics of the subject site and are a compilation of the observations made during the visual site inspection

3.1 SITE PHOTOGRAPHS

A *CREsurveys, LTD.* field assessor completed a reconnaissance of the subject site, at which time a number of photographs were taken to document the current condition and use of the site.

3.2 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

Santa Clara County, California		
Map Unit Symbol	Map Unit Name	Description
180	Urbanland-Newpark complex, 0 to 2 percent slopes	<p>Description of Urban Land</p> <p>Landform: Alluvial fans</p> <p>Landform position (three-dimensional): Talf</p> <p>Down-slope shape: Linear</p> <p>Across-slope shape: Linear</p> <p>Parent material: Disturbed and human transported material</p> <p>Description of Newpark</p> <p>Landform: Alluvial fans</p> <p>Landform position (three-dimensional): Talf</p> <p>Down-slope shape: Linear</p> <p>Across-slope shape: Linear</p> <p>Parent material: Alluvium derived from metamorphic and sedimentary rock and/or alluvium derived from metavolcanics</p> <p>Slope: 0 to 2 percent</p> <p>Depth to restrictive feature: More than 80 inches</p> <p>Natural drainage class: Moderately well drained</p> <p>Runoff class: Low</p> <p>Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)</p> <p>Depth to water table: More than 80 inches</p> <p>Frequency of flooding: None</p> <p>Frequency of ponding: None</p> <p>Calcium carbonate, maximum in profile: 10 percent</p> <p>Gypsum, maximum in profile: 2 percent</p> <p>Salinity, maximum in profile: Nonsaline to very slightly saline (1.0 to 3.0 mmhos/cm)</p> <p>Sodium adsorption ratio, maximum in profile: 2.0</p> <p>Available water storage in profile: High (about 11.2 inches)</p>

The elevation of the subject site appears to be 158 feet above mean sea level.

Groundwater in the site vicinity is inferred from topographical maps to occur at a depth of approximately <50 feet below ground surface and flow towards the west. However, the flow direction is unknown. It should be noted that the flow direction and depth of groundwater may be influenced by rainfall, tidal activity (shore properties), and local groundwater pumping operations. It should also be noted that shallower, unreported, perched groundwater zones may occur in the immediate site vicinity.

During the site reconnaissance and the review of historical maps and photographs, the following was determined to exist or not to exist on the subject site:

- No waterways
- No wetlands
- No pits
- No lagoons
- No ponds

In-addition, the following was determined to exist or not to exist immediately adjacent to the subject site:

- No waterways
- No wetlands
- No pits
- No lagoons
- No ponds

According to FEMA Data, the site is located within two flood zone panels. Panel: 06085C0263H and 06085C0264H, Effective Date: 5/18/2009. Zone D - The Zone D designation is used for areas where there are possible but undetermined flood hazards, as no analysis of flood hazards has been conducted. The designation of Zone D is also used when a community incorporates portions of another community's area where no map has been prepared.

3.3 DRINKING WATER QUALITY REPORT

The subject site obtains its water from the City of San Jose water distribution system. According to their website, the 2016 Water Quality Report on the drinking water supplied to the subject site is within state and Federal standards, including lead and copper.

3.4 EXISTING STORAGE TANKS

No evidence of any existing aboveground or underground storage tanks was observed on the subject site during the site reconnaissance nor noted in the research conducted for this assessment.

3.5 PREVIOUSLY EXISTING STORAGE TANKS

No evidence of previously existing aboveground or underground storage tanks was observed on the subject site during the site reconnaissance nor noted in the research conducted for this assessment.

3.6 HAZARDOUS SUBSTANCE STORAGE AND HANDLING

With the possible exception of common janitorial, office supplies, and pesticides, no storage or handling of hazardous substances greater than 20 gallon containers was observed in the areas inspected during the site reconnaissance.

3.7 SPECIFIC HAZARDOUS SUBSTANCES RECONNAISSANCE

3.7.1 Summary of Specific Hazardous Substances Reconnaissance (Beyond ASTM Scope)

In addition to a general inspection of the subject site for evidence of the presence of hazardous substances or environmental concerns, the field assessor also conducted a reconnaissance for a set of specific hazardous substances that are not addressed in the scope of the ASTM Standard. The results of this specific reconnaissance are given in the following table(s). If a specific suspected hazardous substance was sampled or otherwise tested, this will be indicated in the table and the results of the laboratory analysis or other tests will be given in Section 3.6.2.

SPECIFIC HAZARDOUS SUBSTANCES (BEYOND ASTM SCOPE)				
ID #	Substance	Sampled	Description	Condition
1	Asbestos	No	Based on the relatively recent date of construction of the subject building, the use of asbestos-containing building materials is not suspected.	None Identified
2	Radon	No	EPA Radon Zone: 2 (Predicted avg for county: 1 to 3 pCi/L) The subject property is located in an area that is considered to have a high occurrence of radon. However, the occurrence of radon is site-specific; only testing can determine the actual radon level at the site.	None Identified
3	Lead Paint	No	Based on the relatively recent date of construction of the subject site, the presence of lead-containing paint on-site is not suspected.	None Identified
4	Lead Water	No	Based on the relatively recent date of development of the subject site, the presence of lead in the plumbing fixtures and/or pipes on-site is not suspected.	None Identified

3.7.2 Details of Specific Hazardous Substances Sampling/Observations

No sampling or testing of suspected hazardous substances was performed or authorized for this assessment.

3.8 POLYCHLORINATED BIPHENYLS (PCBS)

The *CREsurveys, LTD.* site reconnaissance does not include checking on-site fluorescent light fixtures for potential PCB content. Although fluorescent light ballasts may contain PCBs, the amount contained is considered to be so inconsequential that the ASTM (Standard Practice, E

1527) has stated: "Fluorescent light ballast likely to contain PCBs does not need to be noted." in a Phase I Environmental Site Assessment Report.

No known or suspected PCB-containing equipment or materials were observed on-site during the site reconnaissance.

3.9 CLARIFIERS, SUMPS, TRENCHES, AND INDUSTRIAL DISCHARGE SOURCES

No clarifiers, sumps, trenches, industrial floor drains, or industrial discharge points were noted during the site reconnaissance, historical, and/or regulatory research.

3.10 SURFACE CONDITIONS

No significant areas of staining or other unusual surface conditions were observed during the site reconnaissance.

3.11 STRESSED VEGETATION

No disfigured, discolored, dying, or otherwise stressed vegetation was observed on-site during the site reconnaissance.

3.12 PRIOR OR CURRENT AGRICULTURAL LAND USE

The subject property was historically used for agricultural purposes. There is a potential that agricultural chemicals, such as pesticides, herbicides and fertilizers, were used on site. The entire area of the subject property is either paved over or covered by improvements that make direct contact with any potential remaining concentrations in the soil unlikely. Furthermore, the subject property is developed and used for commercial purposes and thus no further action related to the former agricultural use of the subject property is warranted at this time.

3.13 OTHER ENVIRONMENTAL CONDITIONS

No evidence of further environmental conditions and/or impairments was observed during the site reconnaissance, beyond that evidence that has already been noted in this section.

VAPOR INTRUSION

ID #	Location and Photo #	Description	Condition
1	East	<p>3939 Snell Avenue</p> <p>HIST UST, UST, EDR Hist Auto, SAN JOSE HAZMAT, SAN JOSE HAZMAT, LUST, LUST, LUST, HIST CORTESE, RCRA SQG, LUST, FINDS, ECHO, CUPA Listings, HAZNET, SAN JOSE HAZMAT, HIST LUST, HIST LUSTSWEEPS UST</p> <p>314 feet / East / +1 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 3939 Snell Avenue is a Valero gas station and Complete Auto Care automotive service facility. The site has been a gas station back to 1971, The site is listed as an automotive repair facility back to 1972. A LUST incident was reported in 1989 and is listed as Case Closed. A LUST incident was reported in 1999 and is listed as Remedial Action (Cleanup) Underway. However, a search of CAEPA files indicates the site was issued a Closure letter 9/23/2015 (see appendices, or http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402 for further information). A LUST incident was reported 1990 and is listed as Case Closed. There are no current violations reported for this site. After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary. After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	<i>de minimis</i>

VAPOR INTRUSION			
ID #	Location and Photo #	Description	Condition
2	East-Northeast	<p>175 West Capitol Expressway</p> <p>UST, EDR, Hist Auto, HIST UST, HIST UST, HAZNET, HIST CORTESE, LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN JOSE HAZMAT</p> <p>578 feet / East-Northeast / +2 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 175 West Capitol Expressway is a Chevron gas station and automotive service center. The site has been a gas station back to the early 1970's. The site has been an automotive service center back to at least 1975. A LUST incident was reported in 2012 and is listed Completed - Case Closed</p> <p>(see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925 for further information). There are no current violations reported for this site.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	<i>de minimis</i>

VAPOR INTRUSION			
ID #	Location and Photo #	Description	Condition
3	East-Southeast	<p>3951 Snell Avenue</p> <p>UST, SWEEPS UST, UST, HIST UST, SAN JOSE HAZMAT, LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST CORTESE, RCRA SQG, FINDS, ECHO</p> <p>619 feet / East-Southeast / +3 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 3951 Snell Avenue is a 76 gas station. The site has been a gas station back to 1973. A LUST incident was reported in 2012 and is listed Completed - Case Closed</p> <p>(see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935 for further information). There are no current violations reported for this site.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	<i>de minimis</i>

OTHER ENVIRONMENTAL CONDITIONS			
ID #	Location and Photo #	Description	Condition
1		None Identified	None Identified

3.14 VISUAL OBSERVATIONS, ADJOINING SITES

During the site reconnaissance, the *CREsurveys, LTD.* field assessor also visually inspected and documented the use of those properties which immediately adjoin the subject property. The observations of the adjoining properties were made by the *CREsurveys, LTD.* field assessor on the date of the site reconnaissance.

VISUAL OBSERVATIONS, ADJOINING SITES		
	Description	Condition
Northerly View:		
Apparent Current Use of Property:	Residential	None Identified
Visual Concerns:	None Identified	
Easterly View:		
Address:	3911 Snell Avenue	None Identified
Company Name:	Public Storage	
Apparent Current Use of Property:	Self Storage Facility	
Visual Concerns:	None Identified	
Southerly View:		
Address:	131 Baroni Avenue	None Identified
Company Name:	A-1 Self Storage	
Apparent Current Use of Property:	Self Storage Facility	
Visual Concerns:	None Identified	
Westerly View:		
Apparent Current Use of Property:	Residential	None Identified

VISUAL OBSERVATIONS, ADJOINING SITES		
	Description	Condition
Visual Concerns:	None Identified	

SECTION 4.0

REVIEW OF HISTORICAL INFORMATION AND REGULATORY

AGENCY RECORDS

4.1 HISTORICAL AERIAL PHOTOGRAPH REVIEW

CREsurveys, LTD. reviewed readily available and reasonably ascertainable aerial photographs of the area of the subject site. These aerial photographs have been obtained from EDR. Each aerial photograph was reviewed for the subject property and, where applicable, adjacent property use. In addition, each photograph was reviewed to identify the presence of areas of dumping, staining, buildings, and/or aboveground storage tanks.

Aerial photographs for the years of 2010, 2006, 1998, 1982, 1974, 1968, 1963, 1956, 1950, 1948, and 1939 were reviewed and three (3) *de minimis* conditions were identified. East of the subject site at the west corner of Capitol Expressway and Snell Avenue is a gas station in the 2010 through 1974 historical aerial photographs. East of the subject site at the north corner of the intersection of Capitol Expressway and Snell Avenue is a gas station in the 2010 through 1974 historical aerial photographs. East of the subject site at the south corner of Capitol Expressway and Snell Avenue is a gas station in the 2010 through 1974 historical aerial photographs.

4.2 HISTORICAL TOPOGRAPHIC MAP REVIEW

CREsurveys, LTD. reviewed readily available and reasonably ascertainable U.S.G.S. topographic maps of the area of the subject site. (A copy of a U.S.G.S. map, if available, has been included in the appendices). These historical topographic maps have been obtained from EDR. Each historical topographic map was reviewed for the subject property and, where applicable, adjacent property use. In addition, each map was review to identify the presence of areas of dumping, staining, buildings, and/or aboveground storage tanks.

Historical topographic maps for the years of 2012, 1980, 1973, 1968, 1961, 1953, 1899, 1897, and 1889 were reviewed and no recognized environmental conditions, *de minimis* conditions, historical or controlled recognized environmental conditions were identified.

4.3 HISTORICAL MAP REVIEW

CREsurveys, LTD. contacted EDR in an effort to review readily available historical and fire insurance maps with coverage of the subject site and vicinity that might be included in their collections. However, a search of the reasonably ascertainable historical and fire insurance maps found that none provided coverage of the area of the subject site.

4.4 HISTORICAL CITY OR STREET DIRECTORY REVIEW

CREsurveys, LTD. reviewed readily available historical city or street directories with coverage of the subject site and vicinity. These historical city or street directories were obtained from EDR.

Historical directories for the years of 2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, and 1922 were reviewed and three (3) *de minimis* conditions were identified. East of the subject site at 3939 Snell Avenue is a gas station. East of the subject site at 175 West Capitol Expressway is a gas station. East of the subject site at 3951 Snell Avenue is a gas station.

4.5 AGENCY CONTACTS (RECORDS SEARCH)

4.5.1 Building Department Records

CREsurveys, LTD. submitted a request to the local Building agency for copies of readily available building permits, original plumbing and finish schedules, building plans, or other readily available, relevant documents pertaining to the subject site that may be on file with this agency.

CREsurveys, LTD. was informed by Dan Snyder of the San Jose Building Department that there are no current records of violations on the property with this agency.

4.5.2 Fire Department Records

CREsurveys, LTD. submitted a request to the local Fire Department for copies of readily available records this agency may have on file for the subject site pertaining to hazardous substances storage, underground storage tanks, and other related environmental issues.

CREsurveys, LTD. was informed by Gregory Mahar of the San Jose Fire Department that there are no current records of concern for this property with this agency.

4.5.3 Health or Environmental Agency Records

CREsurveys, LTD. submitted a request to the local Health Department and/or Environmental agency for the purpose of reviewing readily available environmental records that may be on file with this agency for the subject site.

CREsurveys, LTD. was informed by Lisa Mendez of the Santa Clara County Health Department Environmental Health that there are no records of current concerns for this property with this agency.

4.5.4 The California Environmental Protection Agency, Division of Water Quality, Underground Storage Tank Division

CREsurveys, LTD. submitted a request to the California Environmental Protection Agency, Division of Water Quality, Underground Storage Tank Division for the purpose of determining if past and present businesses at the subject site are listed on regulatory lists (such as leaking underground tank lists, site cleanup lists, etc.).

CREsurveys, LTD. was informed by Magdy Baiandy of the Underground Storage Tank Division that there are no records of current underground storage tanks on this property with this agency.

4.5.5 Other Pertinent Records/File Reviews

There are no additional regulatory agencies known to *CREsurveys, LTD.* that are likely to have further relevant environmental information pertaining to the subject site.

4.6 REVIEW OF EDR Radius Map Report with GeoCheck

The *CREsurveys, LTD.* review of the EDR Radius Map Report with GeoCheck, (the EDR Radius Map Report with GeoCheck is included in the appendices) found the subject site is not a regulatory-listed site. The EDR Radius Map Report with GeoCheck: Report Summary table below identifies the number of sites listed in each database included in the EDR Radius Map Report with GeoCheck.

Adjacent Site Listings

Surrounding Properties Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
CDL		3911 SNELL AVE	-	0	None: drug lab discovery in 1999
HIST UST	WARREN PENDERGRAFT	3939 SNELL AVE	0.059/ East	1	de minimis
UST	CAPITOL VALERO	3939 SNELL AVE	0.059/ East	1	de minimis
EDR Hist Auto	WARRENS SHELL SERVICE	3939 SNELL AVE	0.059/ East	1	de minimis
SAN JOSE HAZMAT	999 COMPLETE AUTO CARE	3939 SNELL AVE	0.059/ East	1	de minimis
SAN JOSE HAZMAT	O/B (ADVANCE AUTO CARE)	3939 SNELL AV SUITE A	0.059/ East	1	de minimis
LUST	SHELL	3939 SNELL AVE	0.082/ ENE	2	de minimis: status Case Closed
LUST	SHELL	3939 SNELL AVE	0.082/ ENE	2	de minimis: status Remedial Action Underway
LUST	SHELL	3939 SNELL AVE	0.082/ ENE	2	de minimis: status Case Closed
HIST CORTESE	SHELL	3939 SNELL AVE	0.082/ ENE	2	de minimis

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
RCRA SQG	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	None: no RCRA violations reported
LUST	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	de minimis: status Case Closed
FINDS	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	None: no violations reported
ECHO	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	None: no violations reported
CUPA Listings	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	None: no violations reported
HAZNET	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	None: no violations reported
SAN JOSE HAZMAT	SHELL SERVICE STATION	3939 SNELL	0.082/ ENE	2	de minimis
HIST LUST	SHELL	3939 SNELL AVE	0.082/ ENE	2	None: historical listing
HIST LUST	SHELL	3939 SNELL AVE	0.082/ ENE	2	None: historical listing
SWEEPS UST	CAPITOL SHELL	3939 SNELL AVE	0.082/ ENE	2	de minimis
UST	CAPITOL CHEVRON	175 W CAPITOL EX	0.109/ ENE	2	de minimis
EDR Hist Auto	WILLIAMS STAN	175 W CAPTL EPSWY	0.109/ ENE	2	None: no violations reported
HIST UST	95921	175 W CAPITOL EXPY	0.109/ ENE	2	de minimis
HIST UST	CHEVRON PRODUCTS CO	175 WEST CAPITOL EXP	0.109/ ENE	2	de minimis
HAZNET	CHEVRON PRODUCTS CO	175 WEST CAPITOL EXP	0.109/ ENE	2	None: no violations reported

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
UST	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	de minimis
SWEEPS UST	BP OIL COMPANY #11209	3951 SNELL AVE Z	0.117/ ESE	3	de minimis
UST	BP OIL COMPANY #11209	3951 SNELL AVE #Z	0.117/ ESE	3	de minimis
HIST UST	MOBIL SERVICE STATION	3951 SNELL AVE	0.117/ ESE	3	de minimis
SAN JOSE HAZMAT	CAPITOL SNELL 76	3951 SNELL AV	0.117/ ESE	3	de minimis
LUST	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	de minimis: status Case Closed
HIST LUST	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	de minimis: status Remedial Action Underway
Cortese	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	de minimis
CUPA Listings	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	None: no violations reported
ENF	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	de minimis
HIST CORTESE	CAPITOL SNELL 76	3951 SNELL RD	0.117/ ESE	3	de minimis
EDR Hist Auto	76 GAS STATION	3951 SNELL AVE B	0.117/ ESE	3	de minimis
RCRA SQG	TOSCO NORTHWEST CO NO 11209	3951 SNELL RD	0.117/ ESE	3	None: no RCRA violations reported
FINDS	TOSCO NORTHWEST CO NO 11209	3951 SNELL RD	0.117/ ESE	3	None: no violations reported
ECHO	TOSCO NORTHWEST CO NO 11209	3951 SNELL RD	0.117/ ESE	3	None: no violations reported

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
RCRA SQG	PUBLIC STORAGE INC	3620 SNELL AVE	0.164/ North	-1	None: no RCRA violations reported
HAZNET	PUBLIC STORAGE INC	3620 SNELL AVE	0.164/ North	-1	None: no violations reported
CUPA Listings	VERIZON WIRELESS: CAPITOL/MONTEREY	3616 HILLCAP AVE 398	0.211/ North	0	None: no violations reported
SAN JOSE HAZMAT	AT&T MOBILITY ## 13131 HILLCAP	3616 HILLCAP BLD F	0.211/ North	0	None: no violations reported
CUPA Listings	VERIZON WIRELESS (CAPITOL MONT	3616 HILLCAP AVENUE	0.211/ North	0	None: no violations reported
EMI	VERIZON WIRELESS (CAPITOL MONT	3616 HILLCAP AVENUE	0.211/ North	0	None: no violations reported
SAN JOSE HAZMAT	VERIZON WIRELESS (CAPITOL MONT	3616 HILLCAP AVENUE	0.211/ North	0	None: no violations reported
SAN JOSE HAZMAT	HAIG PRECISION MFC CORP	3616 SNELL AV	0.2116/ NNW	-1	None: no violations reported
RCRA SQG	BALL SCREWS & ACTUATORS	3616 SNELL AVE	0.216/ NNW	-1	None: no RCRA violations reported
FINDS	BALL SCREWS & ACTUATORS	3616 SNELL AVE	0.216/ NNW	-1	None: no violations reported
ECHO	BALL SCREWS & ACTUATORS	3616 SNELL AVE	0.216/ NNW	-1	None: no violations reported
CUPA Listings	BALL SCREWS & ACTUATORS	3616 SNELL AVE	0.216/ NNW	-1	None: no violations reported
HAZNET	BALL SCREWS & ACTUATORS	3616 SNELL AVE	0.216/ NNW	-1	None: no violations reported
RCRA SQG	FOX FACTORY	3610 SNELL AVE	0.224/ NNW	-1	None: no RCRA violations reported
FINDS	FOX FACTORY	3610 SNELL AVE	0.224/ NNW	-1	None: no RCRA violations reported

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
ECHO	FOX FACTORY	3610 SNELL AVE	0.224/ NNW	-1	None: no RCRA violations reported
HIST CORTESE	CHEVRON	175 CAPITOL	0.224/ ENE	5	de minimis
LUST	WEST CAPITOL EXP CHEVRON	175 W CAPITOL EX	0.224/ ENE	5	de minimis: status Case Closed
HIST LUST	WEST CAPITOL EXP CHEVRON	175 W CAPITOL EX	0.224/ ENE	5	de minimis: historical listing
SWEEPS UST	WEST CAPITOL EXP CHEVRON	175 W CAPITOL EX	0.224/ ENE	5	de minimis
CUPA Listings	WEST CAPITOL EXP CHEVRON	175 W CAPITOL EX	0.224/ ENE	5	None: no violations reported
SAN JOSE HAZMAT	WEST CAPITOL EXP CHEVRON	175 W CAPITOL EX	0.224/ ENE	5	de minimis
RCRA SQG	PACIFIC BELL	3598 HILLCAP AVENUE	0.262/ North	0	None: no RCRA violations reported
LUST	PACIFIC BELL	3598 HILLCAP AVENUE	0.262/ North	0	None: status Case Closed, distance, and assumed westerly flow of groundwater
SWEEPS UST	PACIFIC BELL	3598 HILLCAP AVENUE	0.262/ North	0	None: distance and assumed westerly flow of groundwater
HIST UST	PACIFIC BELL	3598 HILLCAP AVENUE	0.262/ North	0	None: distance and assumed westerly flow of groundwater
FINDS	PACIFIC BELL	3598 HILLCAP AVENUE	0.262/ North	0	None: no violations reported
ECHO	PACIFIC BELL	3598 HILLCAP AVENUE	0.262/ North	0	None: no violations reported
ENVIROSTOR	SOUTH BAY CIRCUITS, INC. #2	3570 CHARTER PARK DRIVE	0.353/ WNW	0	None: distance and assumed westerly flow of groundwater
LUST	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: status Case Closed and distance

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
HIST LUST	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: closed 1996 and distance
SWEEPS UST	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: distance
CUPA Listings	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: no violations reported
EMI	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: no violations reported
HIST CORTESE	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: distance
NPDES	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: distance
SAN JOSE HAZMAT	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: distance
WDS	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	.035/ NNE	0	None: distance
LUST	UNITED SITE SERVICES	3408 HILLCAP AVE	0.377/ North	2	None: status Case Closed, distance, and assumed westerly flow of groundwater
HIST LUST	UNITED SITE SERVICES	3408 HILLCAP AVE	0.377/ North	2	None: closed 1992, distance, and assumed westerly flow of groundwater
HIST CORTESE	UNITED SITE SERVICES	3408 HILLCAP AVE	0.377/ North	2	None: distance and assumed westerly flow of groundwater
NPDES	UNITED SITE SERVICES	3408 HILLCAP AVE	0.377/ North	2	None: distance and assumed westerly flow of groundwater
SAN JOSE HAZMAT	UNITED SITE SERVICES	3408 HILLCAP AVE	0.377/ North	2	None: distance and assumed westerly flow of groundwater
RCRA SQG	SOUTH BAY CIRCUITS INC NO 3	3565 CHARTER PARK DR	0.378/ WNW	3	None: no RCRA violations reported

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
ENVIROSTOR	SOUTH BAY CIRCUITS INC NO 3	3565 CHARTER PARK DR	0.378/ WNW	3	None: status Inactive
CUPA Listings	SOUTH BAY CIRCUITS INC NO 3	3565 CHARTER PARK DR	0.378/ WNW	3	None: distance and assumed westerly flow of groundwater
EMI	SOUTH BAY CIRCUITS INC NO 3	3565 CHARTER PARK DR	0.378/ WNW	3	None: distance and assumed westerly flow of groundwater
HAZNET	SOUTH BAY CIRCUITS INC NO 3	3565 CHARTER PARK DR	0.378/ WNW	3	None: distance and assumed westerly flow of groundwater
SAN JOSE HAZMAT	SOUTH BAY CIRCUITS INC NO 3	3565 CHARTER PARK DR	0.378/ WNW	3	None: distance and assumed westerly flow of groundwater
ENVIROSTOR	SOUTH BAY CIRCUITS, INC. #1	3511 CHARTER PARK DRIVE	0.384/ WNW	-1	None: status No Action Required
LUST	SOUTH VALLEY PLUMBING INC	3591 CHARTER PARK DR	0.384/ WNW	46	None: status Case Closed, distance, and assumed westerly flow of groundwater
UST	SOUTH VALLEY PLUMBING INC	3591 CHARTER PARK DR	0.384/ WNW	46	None: distance and assumed westerly flow of groundwater
SWEEPS UST	SOUTH VALLEY PLUMBING INC	3591 CHARTER PARK DR	0.384/ WNW	46	None: distance and assumed westerly flow of groundwater
LUST	FOSTER GROUP PARTNERSHIP	9605 MONTEREY RD	0.403/ ENE	10	None: status Case Closed and distance
HIST LUST	FOSTER GROUP PARTNERSHIP	9605 MONTEREY RD	0.403/ ENE	10	None: closed 1995 and distance

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
HIST CORTESE	FOSTER GROUP PARTNERSHIP	9605 MONTEREY RD	0.403/ ENE	10	None: distance
LUST	EXXON #7-4047	4040 MONTEREY RD	0.449/ ENE	15	None: status Case Closed and distance
SWEEPS UST	EXXON #7-4047	4040 MONTEREY RD	0.449/ ENE	15	None: distance
HIST CORTESE	EXXON #7-4047	4040 MONTEREY RD	0.449/ ENE	15	None: distance
LUST	EXXON #7-4047	4040 MONTEREY RD	0.449/ ENE	15	None: status Case Closed and distance
HIST LUST	EXXON #7-4047	4040 MONTEREY RD	0.449/ ENE	15	None: closed 1999 and distance
SLIC	SPARKLE CLEAN CLEANERS	4102 MONTEREY HIGHWAY	0.455/ ENE	15	None: distance
FINDS	SPARKLE CLEAN CLEANERS	4102 MONTEREY HIGHWAY	0.455/ ENE	15	None: distance
DRYCLEANERS	SPARKLE CLEAN CLEANERS	4102 MONTEREY HIGHWAY	0.455/ ENE	15	None: distance
EMI	SPARKLE CLEAN CLEANERS	4102 MONTEREY HIGHWAY	0.455/ ENE	15	None: distance
SAN JOSE HAZMAT	SPARKLE CLEAN CLEANERS	4102 MONTEREY HIGHWAY	0.455/ ENE	15	None: distance

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
LUST	UNITED #5444	4144 MONTEREY RD	0.469/ ENE	15	None: status Case Closed and distance
HIST LUST	UNITED #5444	4144 MONTEREY RD	0.469/ ENE	15	None: closed 1999 and distance
SWEEPS UST	UNITED #5444	4144 MONTEREY RD	0.469/ ENE	15	None: distance
CUPA Listings	UNITED #5444	4144 MONTEREY RD	0.469/ ENE	15	None: no violations reported and distance
HIST CORTESE	UNITED #5444	4144 MONTEREY RD	0.469/ ENE	15	None: distance
ENVIROSTOR	PROPOSED COMMUNICATION HILL K-8 SCHOOL	HIGHWAY 87	0.719/ NW	227	None: distance and assumed westerly flow of groundwater
SCH	PROPOSED COMMUNICATION HILL K-8 SCHOOL	HIGHWAY 87	0.719/ NW	227	None: distance and assumed westerly flow of groundwater

SUBJECT SITE LISTINGS	
Address:	231 West Capitol Expressway San Jose, California 95136
Findings:	The subject site is not listed in the EDR Radius Map Report with GeoCheck.

NEIGHBORING SITE LISTINGS	
Address:	3911 Snell Avenue
Databases:	CDL
Distance / Direction / Elevation	100 feet / Northeast / 0 feet
Findings:	The neighboring site listed in the EDR Radius Map Report with GeoCheck at 3911 Snell Avenue is a Public Storage self storage facility. On 6/11/1999, an illegal drug lab was discovered on the property. There are no violations, releases, or further actions reported for this property.
Recommendations:	After a review of California Environmental Protection Agency files, this site is not expected to impact the subject site.

POSSIBLE UST AND AST SITES OF CONCERN WITHIN 0.25 MILES	
Address:	3939 Snell Avenue
Databases:	HIST UST, UST, EDR Hist Auto, SAN JOSE HAZMAT, SAN JOSE HAZMAT, LUST, LUST, LUST, HIST CORTESE, RCRA SQG, LUST, FINDS, ECHO, CUPA Listings, HAZNET, SAN JOSE HAZMAT, HIST LUST, HIST LUSTSWEEPS UST
Distance / Direction / Elevation	314 feet / East / +1 feet

POSSIBLE UST AND AST SITES OF CONCERN WITHIN 0.25 MILES	
Findings:	The site listed in the EDR Radius Map Report with GeoCheck at 3939 Snell Avenue is a Valero gas station and Complete Auto Care automotive service facility. The site has been a gas station back to 1971, The site is listed as an automotive repair facility back to 1972. A LUST incident was reported in 1989 and is listed as Case Closed. A LUST incident was reported in 1999 and is listed as Remedial Action (Cleanup) Underway. However, a search of CAEPA files indicates the site was issued a Closure letter 9/23/2015 (see appendices, or http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402 for further information). A LUST incident was reported 1990 and is listed as Case Closed. There are no current violations reported for this site.
Recommendations:	After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.
Address:	175 West Capitol Expressway
Databases:	UST, EDR, Hist Auto, HIST UST, HIST UST, HAZNET, HIST CORTESE, LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN JOSE HAZMAT
Distance / Direction / Elevation	578 feet / East-Northeast / +2 feet

POSSIBLE UST AND AST SITES OF CONCERN WITHIN 0.25 MILES	
Findings:	The site listed in the EDR Radius Map Report with GeoCheck at 175 West Capitol Expressway is a Chevron gas station and automotive service center. The site has been a gas station back to the early 1970's. The site has been an automotive service center back to at least 1975. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925 for further information). There are no current violations reported for this site.
Recommendations:	After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.
Address:	3951 Snell Avenue
Databases:	UST, SWEEPS UST, UST, HIST UST, SAN JOSE HAZMAT, LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST CORTESE, RCRA SQG, FINDS, ECHO
Distance / Direction / Elevation	619 feet / East-Southeast / +3 feet

POSSIBLE UST AND AST SITES OF CONCERN WITHIN 0.25 MILES	
Findings:	The site listed in the EDR Radius Map Report with GeoCheck at 3951 Snell Avenue is a 76 gas station. The site has been a gas station back to 1973. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935 for further information). There are no current violations reported for this site.
Recommendations:	After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

ACTIVE LUST AND LAST SITES OF CONCERN WITHIN 0.50 MILES	
Databases:	None Listed
Findings:	There are no active LUST or LAST sites of concern within 0.50 miles of the subject site.

ACTIVE STATE AND FEDERAL SITES OF CONCERN WITHIN 1 MILE	
Databases:	None Listed
Findings:	There are no active State or Federal sites of concern within 1.00 mile of the subject site.

4.7 CHAIN-OF- TITLE ABSTRACT AND/OR REVIEW

At the request of the client, a chain-of-title abstract was not requested or completed for this project.

4.8 ADDITIONAL ENVIRONMENTAL DOCUMENTS

In the course of this assessment, *CREsurveys, LTD.* was provided with additional environmental documents regarding the environmental condition of the subject site by others. The conclusions of these materials were reviewed only. *CREsurveys, LTD.* relies upon the author/and corresponding companies' conclusions and expertise. *CREsurveys, LTD.* does not evaluate the methodology, interpretation of results, analysis type or results, or verify in any way the completeness or correctness of the conclusions or procedures. *CREsurveys, LTD.* relies upon the report and associated conclusions of the reports provided to *CREsurveys, LTD.* The conclusions of these materials are described in the following table.

SUMMARY OF ADDITIONAL ENVIRONMENTAL DOCUMENTS

Date of Document	Document Type	Author/ Company	Relevant Information	Condition
March 15, 1990	Phase I Environmental Site Assessment	TRC Environmental Consultants, Inc.	"The only environmental concern appears to be a the apparent discharge of waste liquid onoto the subject property behind building C"	Further Study Recommended (Soil Testing)

Date of Document	Document Type	Author/ Company	Relevant Information	Condition
September 26, 1994	Soil Sampling	Diane Henry Michael L. Daniel ENSR	Soil contamination is likely from a washing machine and TRPH concentrations are extremely low	No Further Investigation Required

4.9 HISTORICAL SITE USE

The chronological historical site use summary is based on reviewed aerial photographs, maps, regulatory agency files, interviews, and additional environmental documents. The historical site use summary for the subject site and the adjoin sites is presented in the following table. The rows of this table are organized in chronological order, according to the date range of a specific site use.

Date Range	Subject Site	Adjoining Sites
2017-1939	Public Storage self storage facility back to 1981, undeveloped back to 1960's, then agricultural back to 1939	North: residential back to 1970's then agricultural back to 1939 East: storage facility back to 1981, undeveloped back to 1960's, then agricultural back to 1939 South: storage facility back to 2000's, undeveloped back to 1960's, then agricultural back to 1939 West: residential back to 1970's then agricultural back to 1939

4.10 IDENTIFICATION OF HISTORICAL DATA GAPS

During the course of this assessment, *CREsurveys, LTD.* identified no data gaps within the chain of historic documents regarding the environmental condition of the subject site.

4.11 REVIEW OF TITLE AND/OR JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND LAND USE LIMITATIONS (E.G., ENGINEERING AND INSTITUTIONAL CONTROLS)

CREsurveys, LTD. contacted the County Recorder's Office for the purpose of reviewing readily available and reasonably ascertainable title and/or judicial records for environmental liens or activity and land use limitations (e.g., engineering and institutional controls) that this agency may have on file for the subject site. Upon review of the readily available title and/or judicial records that typically pertain to environmental liens and/or land use limitations at this agency, no environmental liens, records of environmental activity and/or environmental land use limitations were identified. Not all records available and/or listed for this site at this agency were reviewed. Only those documents that typically contain those types of records (environmental liens and/or environmental land use limitations) were reviewed.

SECTION 5.0

INTERVIEWS

5.1 INTERVIEWS WITH OWNER, PROPERTY MANAGER, USER, AND OTHERS

As part of the Phase I Assessment, *CREsurveys, LTD.* attempts to interview various individuals who may have knowledge of different aspects of the subject site as it pertains to environmental conditions.

SUMMARY OF INTERVIEWS					
ID #	Date of Interview	Name	Title	Relevant Discussions	Condition
1	01/24/18	Dan Snyder	City of San Jose Building Department	There are no current records of violations on file with this agency.	None Identified
2	01/24/18	Gregory Mahar	City of San Jose Fire Department	There are no current records of concern on file with this agency.	None Identified
3	01/24/18	Magdy Baiandy	The California Environmental Protection Agency, Division of Water Quality, Underground Storage Tank Division	There are no current records of underground storage tanks at the subject site on file with this agency.	None Identified
4	01/24/18	Lisa Mendez	Santa Clara County Health Department Environmental Health Division	There are no current records of concern on file with this agency.	None Identified

5.2 PURCHASE PRICE VERSUS FAIR MARKET VALUE INTERVIEW

CREsurveys, LTD. uses data supplied by the client to determine if a difference between the purchase price of the property and the fair market value of the property is due to the effect of any releases or threatened releases of hazardous substances or petroleum products. The purchase price and/or fair market value are not being disclosed as part of this investigation. However, no current or past hazardous substance or petroleum product use was documented in this investigation. Therefore, any difference cannot be due to the effect of any releases or threatened releases of hazardous substances on the purchase price of the property.

SECTION 6.0

CONCLUSIONS AND RECOMMENDATIONS

6.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

This section contains full descriptions of any recognized environmental conditions (REC) that have been identified as a result of the *CREsurveys, LTD.* Phase I Environmental Site Assessment for the subject site. *CREsurveys, LTD.* classifies a condition as a REC (as opposed to a de minimis condition) when it is one that involves a condition for which, in the opinion of *CREsurveys, LTD.*, further investigation and/or remediation is recommended. In addition to the descriptions of condition, this section also contains a statement of the recommended next-step actions for any conditions that are described in the following tables.

Each identified condition receives its own table, and that table will collect together the particular findings from the body of the report that have been used to support *CREsurveys, LTD.'s* conclusion as to the presence of a recognized environmental condition..

The principal findings of *CREsurveys, LTD.'s* Phase I Environmental Site Assessment for this site are as follows:

The subject site is currently affected by:

- No recognized environmental conditions (REC);
- Three (3) *de minimis* conditions:

1. 3939 Snell Avenue

HIST UST, UST, EDR Hist Auto, SAN JOSE HAZMAT, SAN JOSE HAZMAT, LUST, LUST, LUST, HIST CORTESE, RCRA SQG, LUST, FINDS, ECHO, CUPA Listings, HAZNET, SAN JOSE HAZMAT, HIST LUST, HIST LUSTSWEEPS UST

314 feet / East / +1 feet

The site listed in the EDR Radius Map Report with GeoCheck at 3939 Snell Avenue is a Valero gas station and Complete Auto Care automotive service facility. The site has been a gas station back to 1971, The site is listed as an automotive repair facility back to 1972. A LUST incident was reported in 1989 and is listed as Case Closed. A LUST incident was reported in 1999 and is listed as Remedial Action (Cleanup) Underway. However, a search of CAEPA files indicates the site was issued a Closure letter 9/23/2015 (see appendices, or http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402 for further information). A LUST incident was reported 1990 and is listed as Case Closed. There are no current violations reported for this site. After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

2. 175 West Capitol Expressway

UST, EDR, Hist Auto, HIST UST, HIST UST, HAZNET, HIST CORTESE, LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN JOSE HAZMAT

578 feet / East-Northeast / +2 feet

The site listed in the EDR Radius Map Report with GeoCheck at 175 West Capitol Expressway is a Chevron gas station and automotive service center. The site has been a gas station back to the early 1970's. The site has been an automotive service center back to at least 1975. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925 for further information). There are no current violations reported for this site.

After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

3. 3951 Snell Avenue

UST, SWEEPS UST, UST, HIST UST, SAN JOSE HAZMAT, LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST CORTESE, RCRA SQG, FINDS, ECHO

619 feet / East-Southeast / +3 feet

The site listed in the EDR Radius Map Report with GeoCheck at 3951 Snell Avenue is a 76 gas station. The site has been a gas station back to 1973. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935 for further information). There are no current violations reported for this site.

After a review of California Environmental Protection Agency files, this site is considered a *de minimis* condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.

- No historical recognized environmental conditions (HREC) or controlled recognized environmental conditions (CREC).
- Given the findings and conclusions of **CREsurveys, LTD.**'s Phase I Environmental Site Assessment, further investigation is not recommended at this time.
- **CREsurveys, LTD.** has performed this Phase I Environmental Site Assessment of the subject site in conformance with the scope and limitations of the Environmental Protection Agency, Standards and Practices for All Appropriate Inquiries, 40 CFR Part 312 and the standard practice set forth in the American Society for Testing and Materials (ASTM) Designation: E1527-05 and E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." Any exceptions to, or deletions from, these practices are described in Section 1.4 of this report.
- This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

6.2 CONCLUSIONS SUMMARY

Based on the findings of this Phase I Environmental Site Assessment, **CREsurveys, LTD.** has identified no recognized environmental conditions:

RECOGNIZED ENVIRONMENTAL CONDITION(S)		
Condition #	Location	Description of Condition
None	N/A	No evidence of recognized environmental conditions was found during this investigation.

Note: Descriptions of conditions are given again in further detail in Section 6.0, Conclusions and Recommendations, along with recommendations as to how to address the conditions and the estimated costs of completing any recommended next-step action. *CREsurveys, LTD.* classifies a recognized environmental condition, per the ASTM Standard E 1527-13 definition, as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Based on the findings of this Phase I Environmental Site Assessment, *CREsurveys, LTD.* has identified the following *de minimis* conditions, historical recognized environmental conditions, and/or controlled recognized environmental conditions:

**DE MINIMIS CONDITIONS HISTORICAL RECOGNIZED ENVIRONMENTAL
CONDITIONS, OR CONTROLLED RECOGNIZED ENVIRONMENTAL
CONDITIONS**

Condition #	Location	Description of Condition	Condition
1	East	<p>3939 Snell Avenue</p> <p>HIST UST, UST, EDR Hist Auto, SAN JOSE HAZMAT, SAN JOSE HAZMAT, LUST, LUST, LUST, HIST CORTESE, RCRA SQG, LUST, FINDS, ECHO, CUPA Listings, HAZNET, SAN JOSE HAZMAT, HIST LUST, HIST LUSTSWEEPS UST</p> <p>314 feet / East / +1 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 3939 Snell Avenue is a Valero gas station and Complete Auto Care automotive service facility. The site has been a gas station back to 1971, The site is listed as an automotive repair facility back to 1972. A LUST incident was reported in 1989 and is listed as Case Closed. A LUST incident was reported in 1999 and is listed as Remedial Action (Cleanup) Underway. However, a search of CAEPA files indicates the site was issued a Closure letter 9/23/2015 (see appendices, or http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402 for further information). A LUST incident was reported 1990 and is listed as Case Closed. There are no current violations reported for this site. After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition.</p>	de minimis

**DE MINIMIS CONDITIONS HISTORICAL RECOGNIZED ENVIRONMENTAL
CONDITIONS, OR CONTROLLED RECOGNIZED ENVIRONMENTAL
CONDITIONS**

Condition #	Location	Description of Condition	Condition
		Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.	
2	East-Northeast	<p>175 West Capitol Expressway UST, EDR, Hist Auto, HIST UST, HIST UST, HAZNET, HIST CORTESE, LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN JOSE HAZMAT</p> <p>578 feet / East-Northeast / +2 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 175 West Capitol Expressway is a Chevron gas station and automotive service center. The site has been a gas station back to the early 1970's. The site has been an automotive service center back to at least 1975. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925 for further information). There are no current violations reported for this site.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition. Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	de minimis

**DE MINIMIS CONDITIONS HISTORICAL RECOGNIZED ENVIRONMENTAL
CONDITIONS, OR CONTROLLED RECOGNIZED ENVIRONMENTAL
CONDITIONS**

Condition #	Location	Description of Condition	Condition
3	East-Southeast	<p>3951 Snell Avenue</p> <p>UST, SWEEPS UST, UST, HIST UST, SAN JOSE HAZMAT, LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST CORTESE, RCRA SQG, FINDS, ECHO</p> <p>619 feet / East-Southeast / +3 feet</p> <p>The site listed in the EDR Radius Map Report with GeoCheck at 3951 Snell Avenue is a 76 gas station. The site has been a gas station back to 1973. A LUST incident was reported in 2012 and is listed Completed - Case Closed (see http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935 for further information). There are no current violations reported for this site.</p> <p>After a review of California Environmental Protection Agency files, this site is considered a <i>de minimis</i> condition.</p> <p>Should the user of this report desire a greater degree of certainty regarding vapor migration, further study would be necessary.</p>	de minimis

Note: Descriptions of conditions are given again in further detail in Section 6.0, Conclusions and Recommendations, along with recommendations as to how to address the conditions. *CREsurveys, LTD.* classifies an environmental condition as a de minimis (potential or possible) condition when it appears to pose no immediate threat to the subject site and/or requires no immediate action given the current knowledge of site conditions. It is a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This condition with time, groundwater movement, demolition or other disturbances, or sometimes with the acquisition of further information, may come to pose a long-term, immediate, or chronic environmental risk; and/or this condition may appear to have a negligible monetary/physical impact on the subject property, and therefore, does not require additional investigation at this time. Conditions determined to be de minimis conditions are

not recognized environmental conditions nor controlled recognized environmental conditions. *CREsurveys, LTD.* classifies a historical recognized environmental condition (HREC) 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. An HREC is limited to include only past releases that have been addressed to unrestricted residential use. *CREsurveys, LTD.* classifies a Controlled Recognized Environmental Condition (CREC) 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 agency, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

6.3 CERTIFICATION STATEMENT

We certify that to the best of our knowledge and belief:

1. The statements of fact contained in this report are true and correct.
2. The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting condition, and are **CREsurveys, LTD.** unbiased professional analysis, opinion, and conclusions.
3. **CREsurveys, LTD.** compensation is not contingent on an action or event resulting from the analysis, opinions and conclusions developed in this report.
4. We, and other representatives, have made a personal inspection of the property that is the subject of this report.
5. Other consultants provided significant professional assistance to the consultant signing this report.
6. This report is forwarded as an accurate representation of the site condition at the reported point in time to the best of our knowledge.

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



John Krusinski **CREsurveys, LTD.**

Environmental Professional

SECTION 7.0

LIMITATIONS

To achieve the study objectives stated in this report, we were required to base *CREsurveys, LTD.* conclusions and recommendations on the best information available during the period the investigation was conducted and within the limits prescribed by *CREsurveys, LTD.* client in the contract/authorization agreement and standard terms and conditions.

CREsurveys, LTD. professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar fields. The findings were mainly based upon a site assessment, examination of historic records, maps, aerial photographs, and governmental agencies lists, and interviews with knowledgeable persons. The hazardous waste site lists represented in this report represent only a search of the specific government records as listed above. It should be noted that governmental agencies often do not list all sites with environmental contamination; the lists could be inaccurate and/or incomplete. Recommendations are based on the historic land use of the subject property, as well as features noted during the site walk and examined records. The absence of potential gross contamination sources, historic or present, does not necessarily imply that the subject property is free of any contamination. This report represents a "due diligence" effort as to the integrity of the subject property. No warranty or guarantee, expressed or implied, is made as to the professional conclusions or recommendations contained in this report. The limitations contained within this report are consistent with the proposed scope of work, the ASTM E1527-13 standard, the regulations at 40 CFR Part 312, and supersede all other contracts or scopes of work, implied or otherwise, except those stated or acknowledged herewith.

This report is not a legal opinion. It constitutes inquiry consistent with the requirements defined in the ASTM Standard and the regulations at 40 CFR Part 312 concerning to establish the limited liability defenses under CERCLA, including the "innocent landowner defense," the "bona fide prospective purchaser defense," and the "adjacent landowner defense." Only legal counsel retained by the client is competent to determine the legal implications of any information, conclusions, or recommendations in this report. The compliance status, discussed in Section 3.0, is not intended for use as a guide to compliance for the present owner. Its intended use is to identify environmental impairments to the subject property and is not to be used as a guide to the legal compliance to any regulations of any kind.

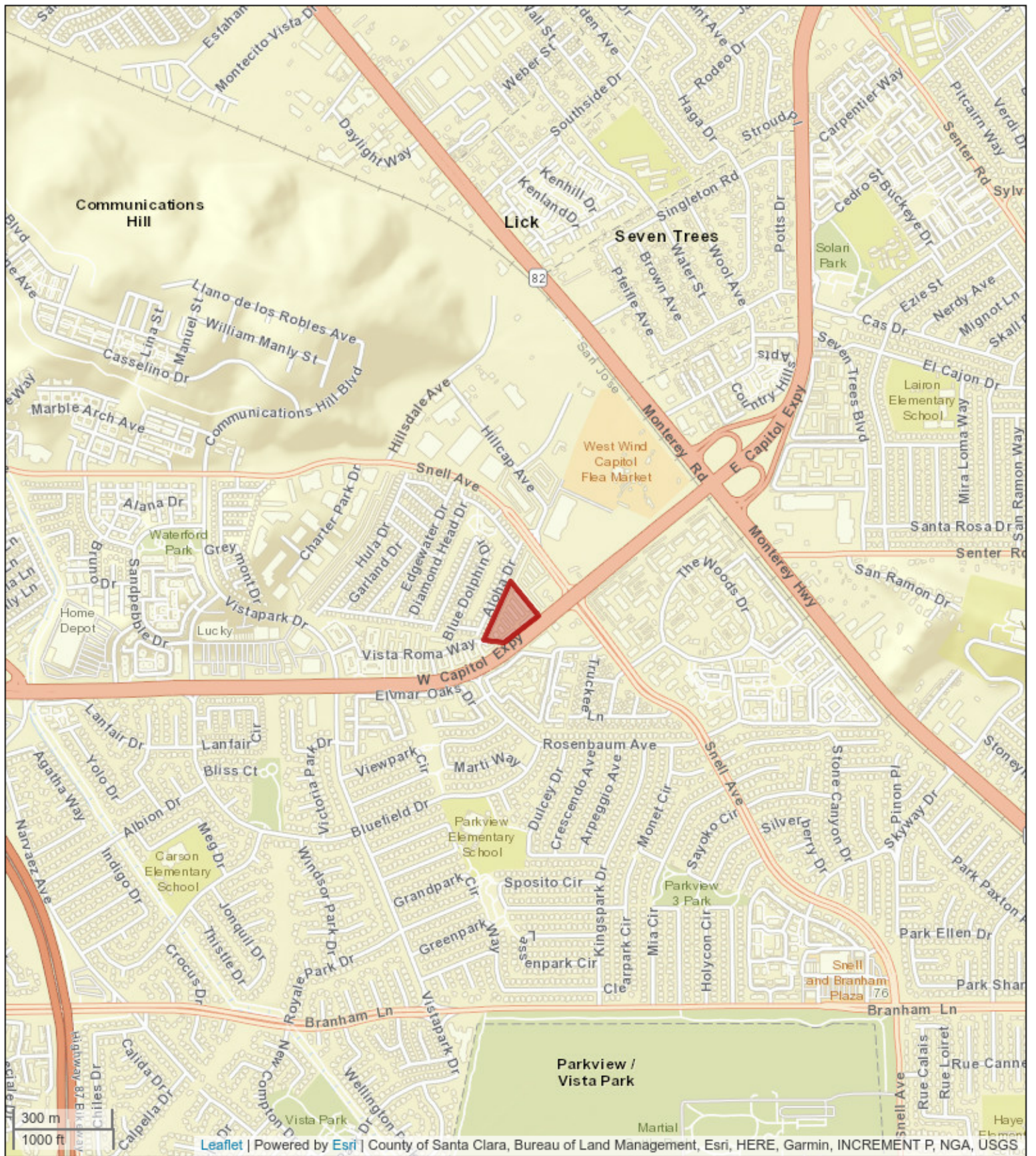
The findings, conclusions, recommendations, and professional opinions contained in this report have been prepared by the staff of *CREsurveys, LTD.*, in accordance with generally accepted professional practices. All cost estimates in Section 6.0, are purely estimates only, and may not represent the actual costs. Without further investigative assessment, exact, actual costs cannot be fixed. The costs associated with *CREsurveys, LTD.* recommendations are for budgetary purposes only.

This report does not address, in any way, septic systems, leach fields, septic tanks, or related health hazards.

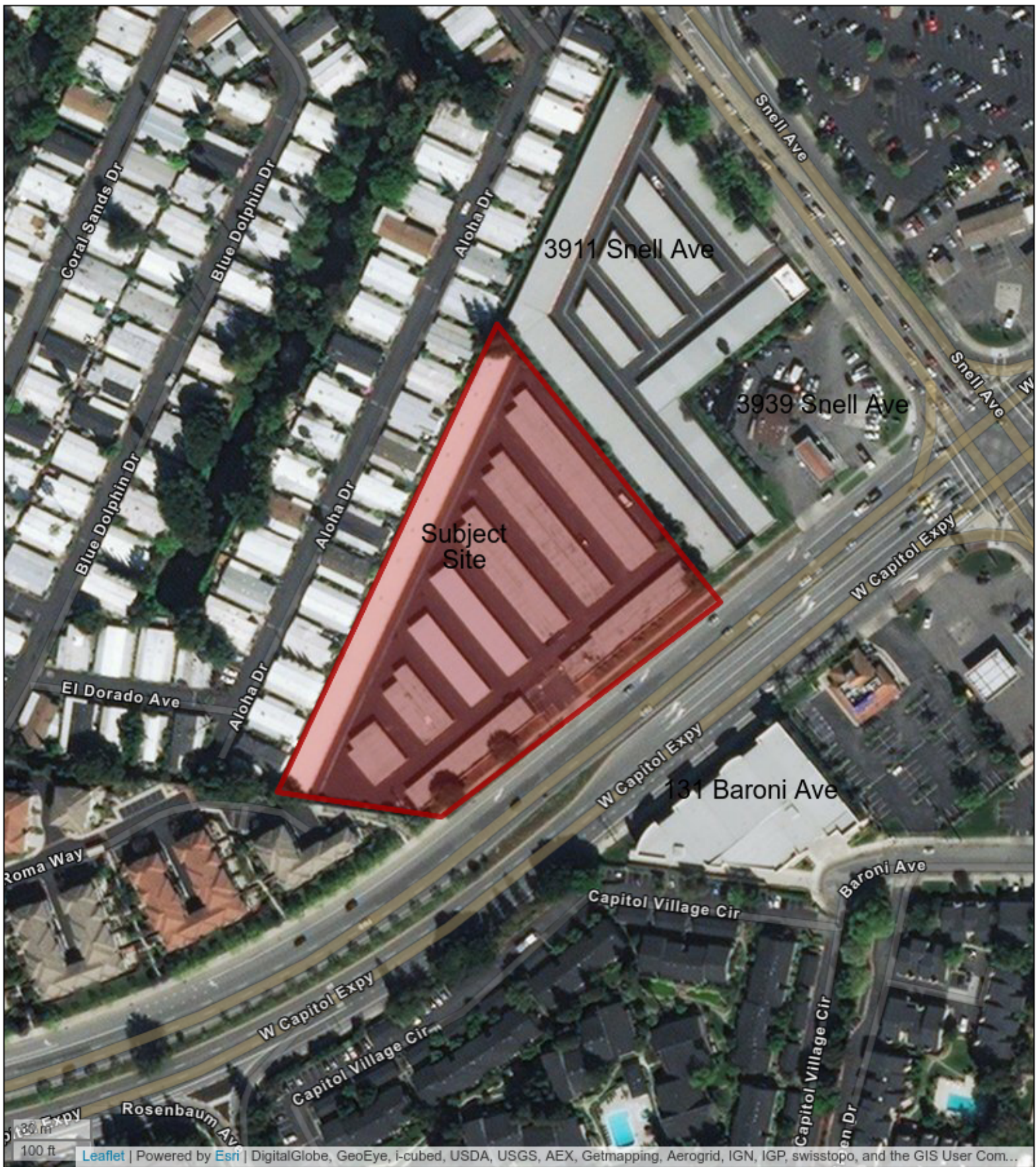
Maps



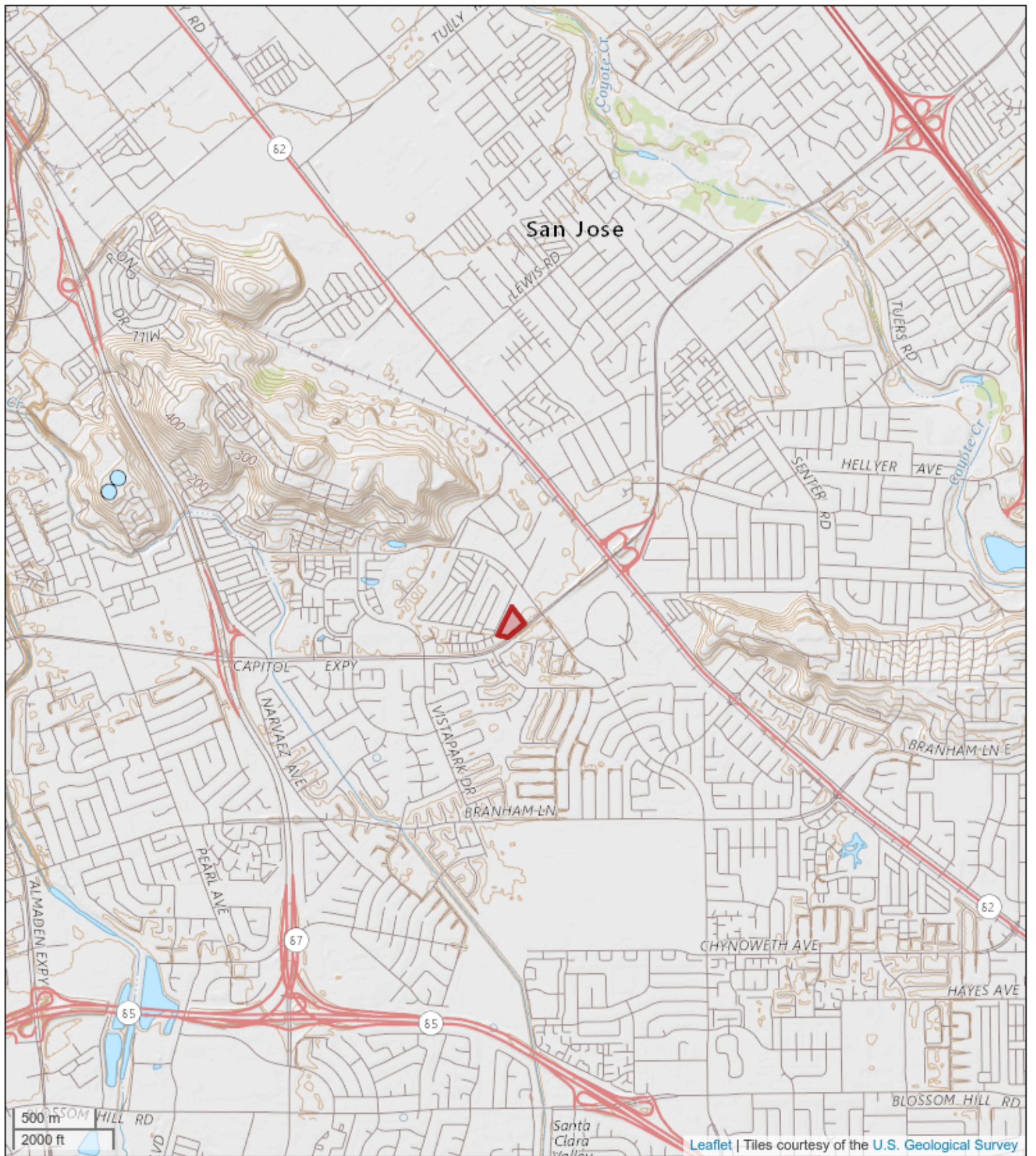
Property Location Map



Property Location Map



Site Map



Topographic Map



Parcel Map

Site Photographs



View of office entrance
2



Boundary between 231 Capitol Expressway and 3911 Snell Avenue



Boring location near eastern corner of property



Driveway showing entrances to various storage units view 2



Driveway showing entrances to various storage units facing east



Entrancing from Capitol Expressway facing east



Hallway inside storage unit building view 2



Hallway inside storage unit building view 1



Herbicide in maintenance storage unit

10



Maintenance storage unit view 2



Maintenance storage unit cleaning and pesticide products
12



Sidewalk along Capitol Expressway facing north



Sidewalk along Capitol Expressway facing south



Residential structures north of property



Storage units driveway facing east
16



Storage units driveway facing west



Storage units driveway facing south
18



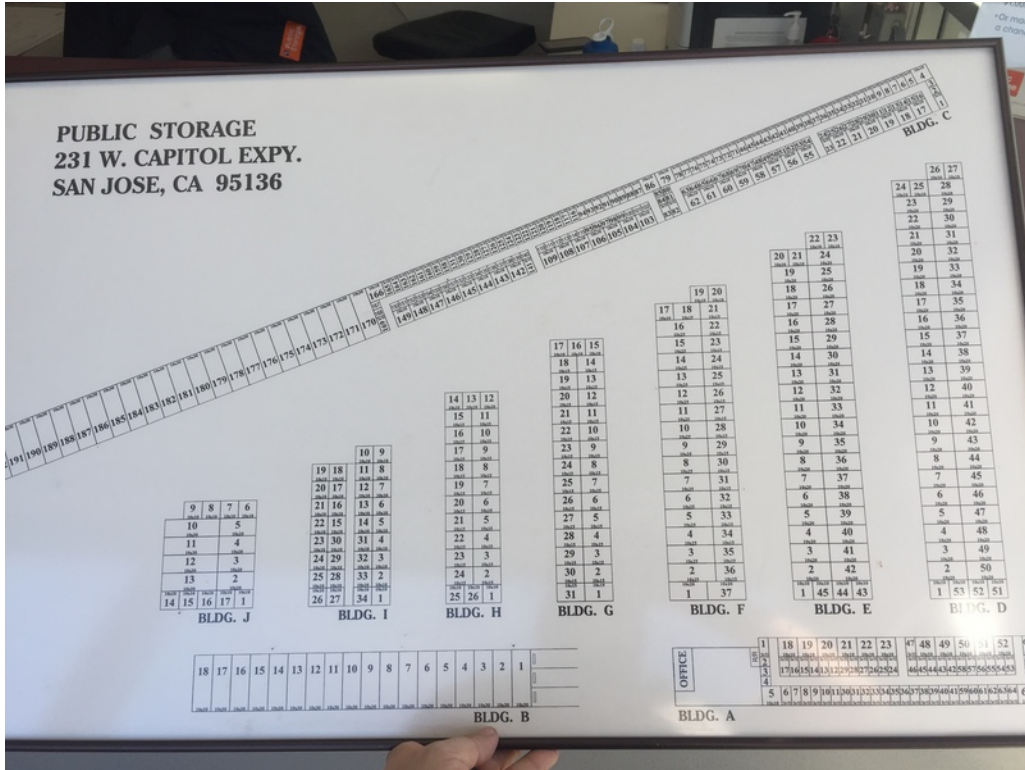
Stormdrain located on eastern corner of property



Typical storage unit
20



View of Capitol Expressway facing west



231 W Capitol Site Plan

Copies of Records

Property Information (APN: 462-19-013)**Situs Address (es) :** 231 W CAPITOL EX SAN JOSE 95136-1342**Mailing Address:** P. O. BOX 25025 GLENDALE CA 91203-5025**Current Information Assessed Value**

PROPERTY INFORMATION			
Document No:	L0000193	Document Type:	LEGAL ENTITY OWNERSHIP PROGRAM
Transfer Date:	2/28/1995	Tax Default Date:	N/A

TAX RATE AREA INFORMATION 017-030	
City:	San Jose
Elem. School:	Franklin Mckinley
High School:	East Side Union
Comm. College:	San Jose
Resource Conserv.:	Guadalupe-coyote
Air Quality Mgmt.:	Bay Area Jt(1,7,21,28,38,41,43,48,49)
County Water:	Santa Clara Valley
County Water:	Santa Clara Valley-zone C-1
County Water:	Santa Clara Valley-zone W-4
Water-misc.:	Santa Clara County Importation

VALUE INFORMATION (Assessed Information as of 6/30/2017)						
Real Property		Business		Exemptions		Net Assessed Value
Land:	\$1,200,596	Fixtures:	\$0	Homeowner:	\$0	
Improvements:	\$3,549,796	Structure:	\$0	Other:	\$0	
		Personal Property:	\$0			
Total:	\$4,750,392	Total:	\$0	Total:	\$0	\$4,750,392

DISCLAIMER: This service has been provided to allow easy access and a visual display of County information. A reasonable effort has been made to ensure the accuracy of the data provided; nevertheless, some information may be out of date or may not be accurate. The County of Santa Clara assumes no responsibility arising from use of this information. ASSOCIATED DATA ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Do not make any business decisions based on this data before validating the data. [Revenue and Taxation Code Section 408.3(c)]

2017 Assessed Value

PROPERTY INFORMATION			
Document No:	11907324	Document Type:	GRANT DEED
Transfer Date:	5/17/1993	Tax Default Date:	N/A

TAX RATE AREA INFORMATION 017-030	
City:	San Jose
Elem. School:	Franklin Mckinley
High School:	East Side Union
Comm. College:	San Jose
Resource Consv.:	Guadalupe-coyote
Air Quality Mgmt.:	Bay Area Jt(1,7,21,28,38,41,43,48,49)
County Water:	Santa Clara Valley
County Water:	Santa Clara Valley-zone C-1
County Water:	Santa Clara Valley-zone W-4
Water-misc.:	Santa Clara County Importation

VALUE INFORMATION (Assessed Information as of 6/30/2017)						
Real Property		Business		Exemptions		Net Assessed Value
Land:	\$1,200,596	Fixtures:	\$0	Homeowner:	\$0	
Improvements:	\$3,549,796	Structure:	\$0	Other:	\$0	
		Personal Property:	\$0			
Total:	\$4,750,392	Total:	\$0	Total:	\$0	\$4,750,392

DISCLAIMER: This service has been provided to allow easy access and a visual display of County information. A reasonable effort has been made to ensure the accuracy of the data provided; nevertheless, some information may be out of date or may not be accurate. The County of Santa Clara assumes no responsibility arising from use of this information. ASSOCIATED DATA ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Do not make any business decisions based on this data before validating the data. [Revenue and Taxation Code Section 408.3(c)]

2016 Assessed Value

PROPERTY INFORMATION			
Document No:	11907324	Document Type:	GRANT DEED
Transfer Date:	5/17/1993	Tax Default Date:	N/A

TAX RATE AREA INFORMATION 017-030	
City:	San Jose
City:	San Jose
Elem. School:	Franklin Mckinley
Elem. School:	Franklin Mckinley
High School:	East Side Union
High School:	East Side Union
Comm. College:	San Jose
Comm. College:	San Jose
Resource Consv.:	Guadalupe-coyote
Resource Consv.:	Guadalupe-coyote
Air Quality Mgmt.:	Bay Area Jt(1,7,21,28,38,41,43,48,49)
Air Quality Mgmt.:	Bay Area Jt(1,7,21,28,38,41,43,48,49)
County Water:	Santa Clara Valley
County Water:	Santa Clara Valley
County Water:	Santa Clara Valley-zone C-1
County Water:	Santa Clara Valley-zone C-1
County Water:	Santa Clara Valley-zone W-4
County Water:	Santa Clara Valley-zone W-4
Water-misc.:	Santa Clara County Importation
Water-misc.:	Santa Clara County Importation

VALUE INFORMATION (Assessed Information as of 6/30/2016)						
Real Property		Business		Exemptions		Net Assessed Value
Land:	\$1,177,055	Fixtures:	\$0	Homeowner:	\$0	
Improvements:	\$3,480,193	Structure:	\$0	Other:	\$0	
		Personal Property:	\$0			
Total:	\$4,657,248	Total:	\$0	Total:	\$0	\$4,657,248

DISCLAIMER: This service has been provided to allow easy access and a visual display of County information. A reasonable effort has been made to ensure the accuracy of the data provided; nevertheless, some information may be out of date or may not be accurate. The County of Santa Clara assumes no responsibility arising from use of this information. ASSOCIATED DATA ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Do not make any business decisions based on this data before validating the data. [Revenue and Taxation Code Section 408.3(c)]

2015 Assessed Value

PROPERTY INFORMATION			
Document No:	11907324	Document Type:	GRANT DEED
Transfer Date:	5/17/1993	Tax Default Date:	N/A

TAX RATE AREA INFORMATION 017-030	
City:	San Jose
City:	San Jose
Elem. School:	Franklin Mckinley
Elem. School:	Franklin Mckinley
High School:	East Side Union
High School:	East Side Union
Comm. College:	San Jose
Comm. College:	San Jose
Resource Consv.:	Guadalupe-coyote
Resource Consv.:	Guadalupe-coyote
Air Quality Mgmt.:	Bay Area Jt(1,7,21,28,38,41,43,48,49,57)
Air Quality Mgmt.:	Bay Area Jt(1,7,21,28,38,41,43,48,49,57)
County Water:	Santa Clara Valley
County Water:	Santa Clara Valley
County Water:	Santa Clara Valley-zone C-1
County Water:	Santa Clara Valley-zone C-1
County Water:	Santa Clara Valley-zone W-4
County Water:	Santa Clara Valley-zone W-4
Water-misc.:	Santa Clara County Importation
Water-misc.:	Santa Clara County Importation

VALUE INFORMATION (Assessed Information as of 6/30/2015)						
Real Property		Business		Exemptions		Net Assessed Value
Land:	\$1,159,375	Fixtures:	\$0	Homeowner:	\$0	
Improvements:	\$3,427,918	Structure:	\$0	Other:	\$0	
		Personal Property:	\$0			
Total:	\$4,587,293	Total:	\$0	Total:	\$0	\$4,587,293

DISCLAIMER: This service has been provided to allow easy access and a visual display of County information. A reasonable effort has been made to ensure the accuracy of the data provided; nevertheless, some information may be out of date or may not be accurate. The County of Santa Clara assumes no responsibility arising from use of this information. ASSOCIATED DATA ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Do not make any business decisions based on this data before validating the data. [Revenue and Taxation Code Section 408.3(c)]

3939 Snell Avenue

beneath the dispensers. Petroleum hydrocarbons were detected in each of the four samples and a summary report was submitted to the City of San Jose Fire Department. It was reported that 18.6 tons of soil was excavated during these activities, however documentation of disposal was not provided.

1999

February ♦ An unauthorized release report was filed by the City of San Jose Fire Department based on the results of the shallow soil sampling.

March ♦ The fuel leak investigation case was opened.

June ♦ A preliminary site assessment was performed and three groundwater monitoring wells were installed. MTBE was detected in each of the monitoring wells which prompted further investigation.

October ♦ Nine additional soil borings were completed and a soil vapor extraction test was performed which indicated a very small radius of influence (less than 5 feet).

2000-2001

Quarterly groundwater monitoring was completed and three additional site assessments were performed to delineate and characterize the extent of contamination.

November 2001 ♦ A remedial action work plan was submitted proposing additional aquifer testing and groundwater extraction and treatment in the upper water bearing zone.

2002

Eight groundwater extraction wells were installed and groundwater extraction and treatment commenced. The groundwater extraction system operated between December 2002 and November 2004 during which approximately 1,841,731 gallons of groundwater was extracted and treated.

2003-2006

A corrective action plan was submitted in April 2003. Groundwater extraction was suspended in late 2004. Quarterly groundwater monitoring was performed continuously.

March 2006 ♦ A 550 gallon waste oil UST was removed from the site. Soil samples collected during the removal indicated contamination below the UST. A second unauthorized release report was filed.

2006-2009

Quarterly groundwater monitoring was continuous.

2009-2010

Groundwater monitoring was changed from quarterly to semi-annually. The most recent groundwater monitoring event occurred on August 6, 2010.

September 2010 ♦ Present

No activity occurred on the site. A no further action letter was issued in January 2011. A second no further action letter was issued in October 2012.

XI. CERTIFICATION

**I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.**

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER
07S1E34R04f

REGIONAL BOARD CASE NUMBER
19-104

LOCAL AGENCY

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION_NAME</u>	<u>EMAIL ADDRESS</u>
AARON COSTA	AC	SANTA CLARA COUNTY LOP	aaron.costa@cep.sccgov.org
<u>ADDRESS</u>	<u>CONTACT DESCRIPTION</u>		
1555 Berger Drive, Suite 300 SAN JOSE, CA 95112	Senior Hazardous Materials Specialist		

<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
PHONE	(408)-918-1954	

REGIONAL BOARD

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION_NAME</u>	<u>EMAIL ADDRESS</u>
Regional Water Board	UUU	SAN FRANCISCO BAY RWQCB (REGION 2)	
<u>ADDRESS</u>	<u>CONTACT DESCRIPTION</u>		
1515 CLAY ST SUITE 1400 OAKLAND, CA 94612			

<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
Office	(510)-622-2300	
SCP General Contact	(510)-622-2408	
UST General Contact	(510)-622-3277	

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County of Santa Clara

Department of Environmental Health

1555 Berger Drive, Suite 300
San Jose, California 95112-2716
(408) 918-3400
www.EHinfo.org



September 23, 2015

Ms. Deborah Pryor (Deborah.pryor@shell.com)
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Subject: Fuel Leak Case Closure at Shell Service Station, 3939 Snell Avenue, San Jose, CA;
Case No. 19-104, SCVWDID No. 07S1E34R04f

Dear Ms. Pryor:

This letter transmits the enclosed underground storage tank (UST) case closure letter for the subject case in accordance with Chapter 6.75 (Section 25296.10 [g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, all Local Oversight Programs (LOP) in the State are required to use this case closure letter for UST leak sites. The Santa Clara Valley Water District began transferring the LOP and all cases to the County of Santa Clara Department of Environmental Health on July 1, 2004. The County of Santa Clara is responsible for the issuance of the attached closure letter. The case closure summary is also enclosed. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

The data collected at the site and presented in the case closure summary, Section 3, indicates the following conditions were reported at the site at the time of closure:

Groundwater: 92 parts per billion (ppb) Total Petroleum Hydrocarbons as gasoline (TPHg), and 100 ppb Methy Tert-Butyl Ether (MTBE).

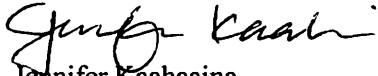
Soil: 5,500 parts per million (ppm) TPHg, 12 ppm TPHd, 174 ppm Oil and Grease, 40 ppm Benzene, 280 ppm Toluene, 520 ppm Ethylbenzene, 89 ppm Xylene, and 220 ppm MTBE.

Residual contamination in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as site grading, excavation, or the installation of water wells. The County and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risk are expected to reduce with time. It should be noted that any additional or previously unidentified contamination at this site may require further investigation or cleanup.

If you have any questions regarding the enclosed case closure form, please call Aaron Costa of the Local Oversight Program at (408) 918-1954. Thank you.

3939 Snell Rd.
September 23, 2015
Page 2 of 2

Sincerely,



Jennifer Kaahaaina
Hazardous Materials Program Manager
Site Mitigation Program

Attachments: 1. Case Closure Letter
 2. Case Closure Summary

cc/enc: Mr. John Wolfenden, Regional Water Quality Control Board
(john.wolfenden@waterboards.ca.gov)
Mr. Geoff Blair, City of San Jose, Environmental Services Department
(Geoffrey.blair@sanjoseca.gov)
Aubrey Cool, Conestoga-Rovers and Associates, (acool@croworld.com)
File

cc/without enc: City of San Jose, Dept. of Planning, Building and Code Enforcement
 200 E. Santa Clara St., 3rd Floor, San Jose, CA 95113

County of Santa Clara

Department of Environmental Health

1555 Berger Drive, Suite 300
San Jose, California 95112-2716
(408) 918-3400
www.EHinfo.org



September 23, 2015

Ms. Deborah Pryor (Deborah.pryor@shell.com)
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Subject: Fuel Leak Case Closure at Shell Service Station, 3939 Snell Avenue, San Jose, CA;
Case No. 19-104, SCVWDID No. 07S1E34R04f

Dear Ms. Pryor:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Please note that Assembly Bill 358 was adopted on October 1, 2011, and sets a reimbursement deadline. All claims for reimbursement of corrective action costs must be received by the State Cleanup Fund within 365 days of the date of this letter as specified in paragraph (1) of subdivision (l) of Section 25299.57 of the Health and Safety Code. Claims received after this date will not be reimbursed.

Please contact our office if you have any questions regarding this matter.

Sincerely,

A handwritten signature in blue ink that reads "Jim Blamey".

Jim Blamey
Director
Department of Environmental Health



CASE CLOSURE SUMMARY¹
Leaking Underground Fuel Storage Tank Program

Date: August 18, 2014

I. AGENCY INFORMATION

Agency Name: County of Santa Clara, Department of Environmental Health	Address: 1555 Berger Drive, #300
City/State/Zip: San Jose, CA 95112	Phone: (408) 918-3400
Responsible Staff Person: Aaron Costa	Title: Hazardous Materials Specialist II

II. CASE INFORMATION

Site Facility Name: Shell Branded Service Station				
Site Facility Address: 3939 Snell Avenue, San Jose, CA				
RB LUSTIS Case No: --		Local Case No: 07S1E34R04f*		LOP Case No.: 19-104
URF Filing Dates: 1. 2/2/1999 2. 3/23/2006		GT Global ID No. T0608502402		APN: 462-19-006
Responsible Parties		Address		Phone Number
Shell Oil Products US (Sam Brenneke)		20945 S Wilmington Ave Carson, CA 90810		(636) 294-2171
Tank I.D. No.	Size in Gallons	Contents	Closed In Place/Removed?	Date
1,2,3	12,000	Gasoline	Existing	
4	550	Waste Oil	Removed	3/16/2006
Piping			Replaced	7/1998

*A previous fuel leak case (07S1E34R01f) at this site was closed on 12/7/1990. The current fuel leak case was opened on 2/2/1999 based on data collected December 1998 associated with facility upgrades. The previous case closure summary is included as Attachment 6 for reference.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown		
Site characterization complete? Yes		
Monitoring wells installed? Yes	Number: 28	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 10.94 feet	Lowest Depth: 44.32 feet	Flow Direction: Southwest/variable
Most Sensitive Current Use: Potential Drinking Water		

¹ This case closure summary report is a summary of site conditions based on data collected at the site and included in the case file. It should be used in conjunction with the complete case file which can be reviewed online as follows: documents submitted prior to April 1, 2014 can be found at <http://lustop.sccgov.org/>; and documents submitted after April 1 2014 can be found at <http://geotracker.waterboards.ca.gov/>

Shell
3939 Snell Ave.
07S1E34R04f

Summary of Production Wells in Vicinity: One active water supply well is within 1,000-feet of the plume boundary. This well (07S01E34K001) is located approximately 820 feet northwest (cross-gradient) of the site and is not considered to be threatened by groundwater contamination from the site based on predominant groundwater flow direction.			
Are drinking water wells affected? No		Aquifer Name: Santa Clara Valley Basin	
Is surface water affected? No		Nearest SW Name: Canoas Creek (~5000 feet southwest)	
Off-site Beneficial Use Impacts (Addresses/Locations): None			
Reports on file? Yes		Where are reports filed? County of Santa Clara, Dept. of Environmental Health and are available on the internet at http://lustop.sccgov.org/ (documents prior to 4/1/14) and at http://geotracker.waterboards.ca.gov/ (documents after 4/1/14)	
TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	(1) 550-gallon waste oil UST	Disposal, destination not reported	3/2006
Piping	Amount not reported	Disposal, ECI Richmond	7/98
Free Product	Not reported	--	--
Soil	18.6 tons	Disposal, destination not reported	7/98
Groundwater	Approximately 1,842,000 gallons	Groundwater remediation system. Discharge to storm drain under NPDES permit.	12/2002-11/2004
Description of Interim Remediation Activities: Soil vapor extraction test in 11/1999, no mass removal data reported. Groundwater extraction system from 12/2002 to 11/2004 consisted of 8 extraction wells. Estimated mass removed was 0.8 lbs MTBE.			

CONTAMINANT CONCENTRATIONS IN SOIL¹					
Please see Attachment 3 for additional information on contaminant locations and concentrations					
Contaminant	Soil (ppm)		Contaminant	Soil (ppm)	
	Max ²	After ³		Max ²	After ³
TPH (Gas)	5,500 ⁴	--	Xylene	89 ⁴	--
TPH (Diesel)	12 ⁵	--	Ethylbenzene	520 ⁴	--
Benzene	40 ⁴	--	Oil & Grease	174 ⁶	--
Toluene	280 ⁴	--	Heavy Metals	8.84 ⁷ (lead)	--
Other (8240/8270)	ND (PAHs/PCBs)	--	MTBE	220 ⁴	--
			TBA	<0.5 ⁸	--

Notes:

ND = Not detected above laboratory detection limits.

- This table presents maximum historical contaminant concentrations in soil and documented contaminant concentrations if confirmation sampling was conducted.
- The maximum concentration listed is the highest concentration reported for a specific constituent in soil samples collected at the site.
- "--" indicates that confirmation soil sampling was not conducted. Maximum concentrations listed are for soil samples collected between 1998 and 2006 and it is likely that concentrations remaining have decreased by active remediation and natural processes.
- Collected at 3 feet below ground surface (bgs) from SD-4 on 7/10/98.
- Collected at 9 feet bgs from WO-1-9 on 6/16/06 during waste oil tank removal.
- Collected at 9 feet bgs from WO-2-9 on 6/16/06 during waste oil tank removal.
- Collected at 9 feet bgs from WO-2-9 on 6/16/06 during waste oil tank removal.
- Collected during well installation at MW-7 on 12/10/01.

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CONTAMINANT CONCENTRATIONS IN GROUNDWATER¹					
Please see Attachment 4 for additional information on contaminant locations and concentrations					
Contaminant	Water (ppb)		Contaminant	Water (ppb)	
	Max ²	Most Recent ³		Max ²	Most Recent ³
TPH (Gas)	58,000 ⁴	92 ⁸	Xylene	1,400 ⁴	<1.0 ⁹
TPH (Diesel)	--	--	Ethylbenzene	9,000 ⁴	<1.0 ⁹
Benzene	37 ⁵	<0.50 ⁹	Oil & Grease	--	--
Toluene	650 ⁴	<1.0 ⁹	Heavy Metals	--	--
Other (8240/8270)	--	--	MTBE	120,000 ⁶	100 ⁸
			TBA	33,000 ⁷	<10 ⁹

Notes:

1. This table presents maximum historical contaminant concentrations and most recent contaminant concentrations in groundwater.
2. The maximum concentration listed is the highest concentration reported for a specific constituent in groundwater samples collected at the site.
3. Highest concentrations reported from most recent sampling event performed on 8/6/10.
4. Collected from MW-3A on 5/10/04.
5. Collected from MW-3 on 8/18/99.
6. Collected from MW-3A on 5/15/03.
7. Collected from MW-3A on 9/1/04.
8. Collected from MW-2 on 8/6/10.
9. All groundwater samples collected 8/6/10 were not reported to have constituents present above laboratory detection limits.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Environmental Health Department staff does not make specific determinations concerning public health risk. However, it does not appear that the release would present a significant risk to human health.		
Site Management Requirements: Site is currently an active Shell-branded gas station and auto repair facility. Residual contamination both in soil and groundwater remains at the site that could pose an unacceptable risk under certain site development activities such as, but not limited to, site grading, excavation, or the installation of water wells. Therefore, the impact of the disturbance of any residual contamination or the installation of water well(s) in the vicinity of the residual contamination shall be assessed and appropriate action taken so that there is no significant impact to human health, safety, or the environment. This could necessitate additional sampling, health risk assessment, and mitigation measures. DEH and the appropriate planning and building department shall be notified prior to any changes in land use, grading activities, excavation, and installation of water wells. This notification shall include a statement that residual contamination exists on the property and list all mitigation actions, if any, necessary to ensure compliance with this site management requirement. The levels of residual contamination and any associated site risk are expected to reduce with time.		
Should corrective action be reviewed if land use changes? Yes; see above.		
Number of Wells Commissioned: 29	Number of Wells Decommissioned: 1	Number of Wells Retained*: 28
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

* All wells are to be properly destroyed prior to issuance of the closure letter and associated documents.

V. ADDITIONAL COMMENTS, DATA, ETC.

Site History:

1998

During tank system upgrade activities in July of 1998, four soil shallow samples were collected (SD-1 through SD-4) beneath the dispensers. Petroleum hydrocarbons were detected in each of the four samples and a summary report was submitted to the City of San Jose Fire Department. It was reported that 18.6 tons of soil was excavated during these activities, however documentation of disposal was not provided.

1999

February – An unauthorized release report was filed by the City of San Jose Fire Department based on the results of the shallow soil sampling.

March – The fuel leak investigation case was opened.

June – A preliminary site assessment was performed and three groundwater monitoring wells were installed. MTBE was detected in each of the monitoring wells which prompted further investigation.

October – Nine additional soil borings were completed and a soil vapor extraction test was performed which indicated a very small radius of influence (less than 5 feet).

2000-2001

Quarterly groundwater monitoring was completed and three additional site assessments were performed to delineate and characterize the extent of contamination.

November 2001 – A remedial action work plan was submitted proposing additional aquifer testing and groundwater extraction and treatment in the upper water bearing zone.

2002

Eight groundwater extraction wells were installed and groundwater extraction and treatment commenced. The groundwater extraction system operated between December 2002 and November 2004 during which approximately 1,841,731 gallons of groundwater was extracted and treated.

2003-2006

A corrective action plan was submitted in April 2003. Groundwater extraction was suspended in late 2004. Quarterly groundwater monitoring was performed continuously.

March 2006 – A 550 gallon waste oil UST was removed from the site. Soil samples collected during the removal indicated contamination below the UST. A second unauthorized release report was filed.

2006-2009

Quarterly groundwater monitoring was continuous.

2009-2010

Groundwater monitoring was changed from quarterly to semi-annually. The most recent groundwater monitoring event occurred on August 6, 2010.

September 2010 – Present

No activity occurred on the site. A no further action letter was issued in January 2011. A second no further action letter was issued in October 2012.

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Considerations and/or Variances:

A water supply well (07S01E34K001) has been identified approximately 820 feet northwest of the site (cross-gradient). Information provided to the DEH suggests that this well is screened in a substantially deeper water bearing zone and is used only to supply water for a landscaping pond at a mobile home park. Based on this information, and the data related to the limited residual contaminant plume at the site, the DEH concurs with the RP's conclusions that the water supply well is not likely to be impacted from any residual contamination from this site and that the water from the pond is not likely to be used for drinking water.

VI. CLOSURE CRITERIA

The Leak has been Stopped and Ongoing Sources, Including Free Product, Removed or Remediated:

The suspected source of the subsurface contamination (fuel dispensers and piping) and surrounding soil has been removed and replaced. Soil vapor extraction and groundwater pump and treat systems were implemented to remediate subsurface contamination.

The site is currently an active retail fueling station and auto repair facility, and the DEH is not aware of current plans for a change in site use.

The Site has Been Adequately Characterized: The site is adequately characterized through several phases of soil and groundwater investigations. Groundwater monitoring was conducted from 1999 to 2010.

The Dissolved Hydrocarbon Plume is Not Migrating:

The contaminant plume is well defined and does not appear to be migrating away from the historical source area.

Exposure Pathways, Receptors, and Potential Risks, Threats, and Other Environmental Concerns are Identified and Assessed:

Nearby receptors were identified, and exposure pathways such as direct contact, inhalation and ingestion of contaminants in soil and groundwater were investigated and assessed through soil and groundwater sampling and testing.

Pollutant Sources are Remediated to the Extent Feasible:

Approximately 18.6 tons of petroleum impacted soil was removed from the site and 1,841,731 gallons of groundwater were pumped and treated. It is estimated that 0.8 pounds of MTBE was removed during groundwater extraction activities.

Unacceptable Risks to Human Health Considering Current and Future Land Uses are Mitigated:

Due to the implemented remedial actions and declining concentration trends, the residual contamination in soil and groundwater at the site do not pose unacceptable risks to human health. At the time of the last sampling event the MTBE concentration in groundwater was slightly above the Regional Water Quality Control Board's groundwater screening levels for drinking water. Based on the results of the groundwater sampling, contaminant concentrations in groundwater at the site are not a risk to indoor air.

The residual TPHg, TPHd, TOG, benzene, toluene, ethylbenzene, xylene, and MTBE in soil are confined to depths of greater than 2 ft bgs, therefore they do not pose a direct contact, inhalation and ingestion risk to human receptors.

Unacceptable Threats to Groundwater and Surface Water Resources, Considering Existing and Potential Beneficial Uses, are Mitigated:

Due to the implemented remedial actions and declining concentration trends, the residual contamination in soil and groundwater at the site do not pose an unacceptable risk to groundwater and surface water


Shell
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response.

Conclusion:

The Department of Environmental Health believes that the residual soil and groundwater contamination at the site does not pose a continuing, significant threat to groundwater resources, human health, or the environment. Regional Water Quality Control Board objectives have not been compromised. The investigation was performed in accordance with state and local guidelines. The Department of Environmental Health recommends that this site be closed.

VII. LOCAL AGENCY REPRESENTATIVE DATA

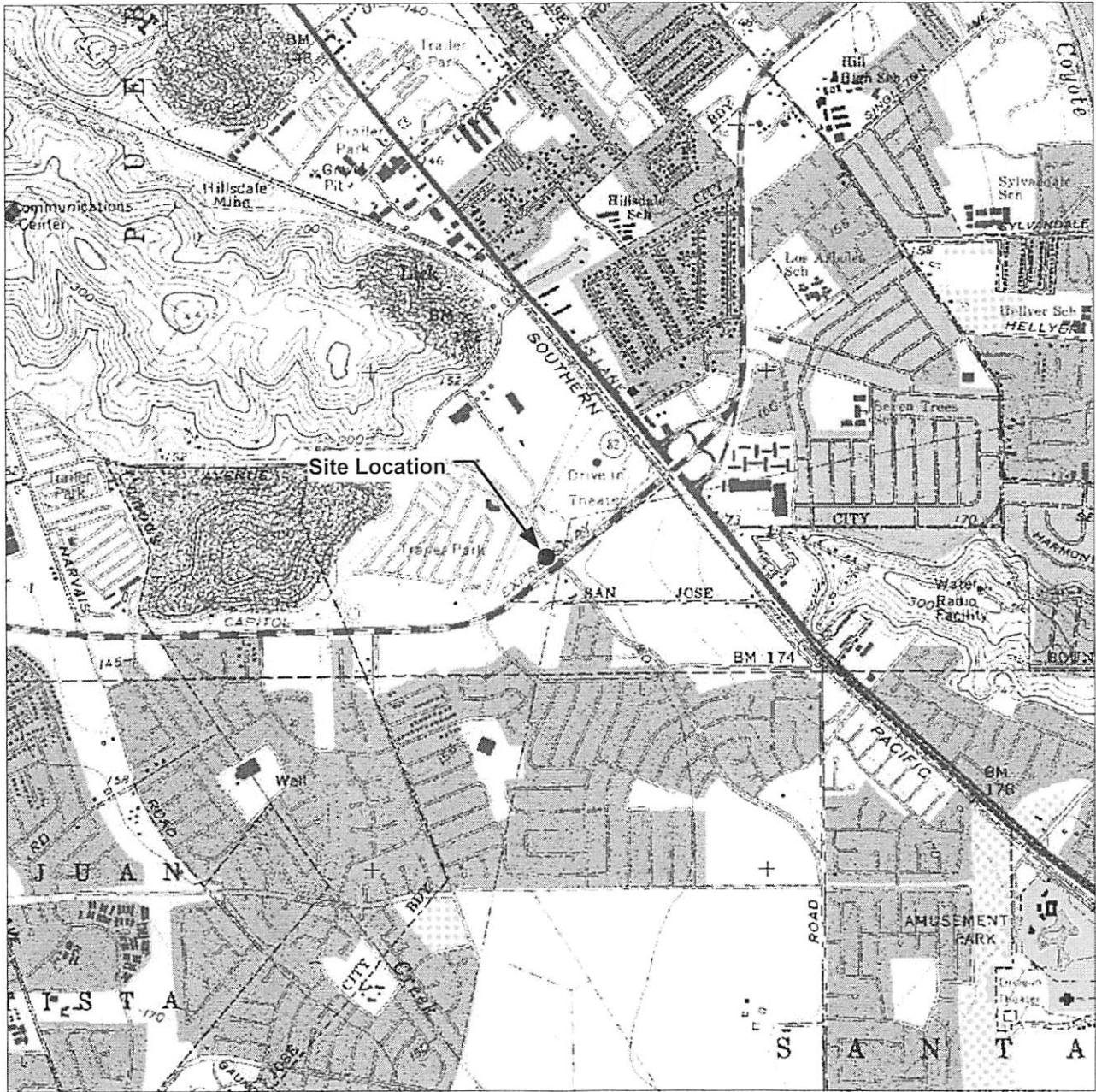
Prepared by: AARON COSTA	Title: Hazardous Materials Specialist II
Signature: 	Date: September 2, 2014
Reviewed by: Gerald O'Regan	Title: Environmental Health Geologist
Signature: 	Date: August 28, 2014
Approved by: Lani Lee	Title: Acting Site Mitigation Program Manager
Signature: 	Date: 9/2/14

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. The file for this case can be reviewed online: documents submitted prior to April 1, 2014 can be found at <http://lustop.sccgov.org/>; and documents submitted after April 1, 2014 can be found at <http://geotracker.waterboards.ca.gov/>

Attachments:

1. Site Vicinity Map
2. Site Plan
3. Soil Analytical Data
4. Groundwater Analytical Data
5. Public Participation
6. Previous case closure by Santa Clara Valley Water District 12/7/90.

This document and the related Case Closure Letter shall be retained by the lead agency as part of the official site file.



GENERAL NOTES:

Base Map from: DeLorme Yarmouth, ME 04096

Source Data: USGS

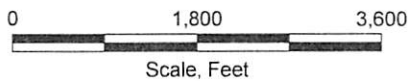
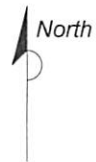
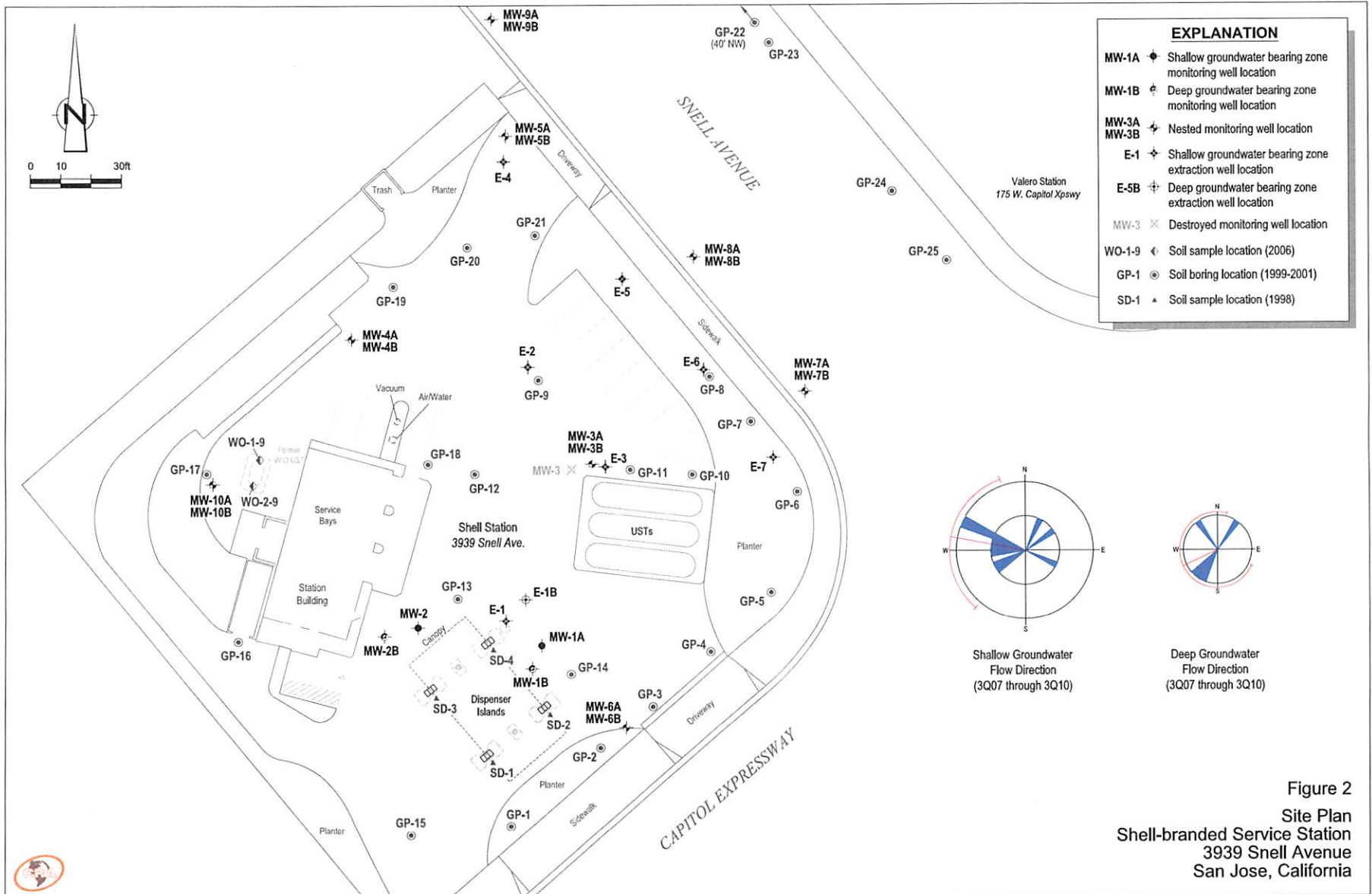


FIGURE 1
SITE LOCATION MAP
 SHELL STATION
 3939 SNELL AVENUE
 SAN JOSE, CALIFORNIA

PROJECT NO. SCA3939S1D	DRAWN BY VF
FILE NO.	PREPARED BY RW
REVISION NO.	REVIEWED BY





I:\Shell\6-chars\2416--\241699-San Jose 3939 Snell\241699-FIGURES\241699 SITE PLAN.DWG (09/16/2011)

Attachment 2

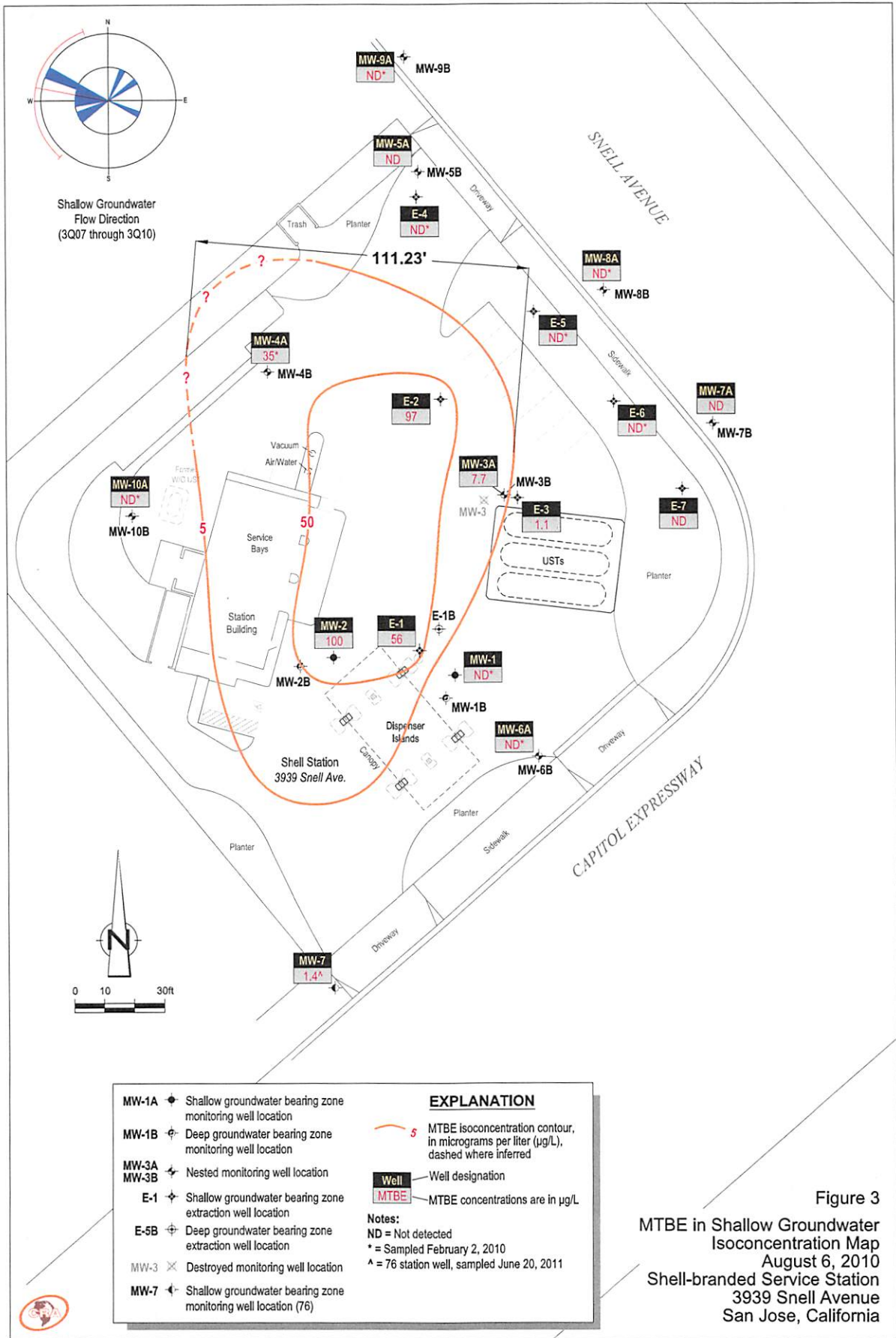


Figure 3
 MTBE in Shallow Groundwater
 Isoconcentration Map
 August 6, 2010
 Shell-branded Service Station
 3939 Snell Avenue
 San Jose, California

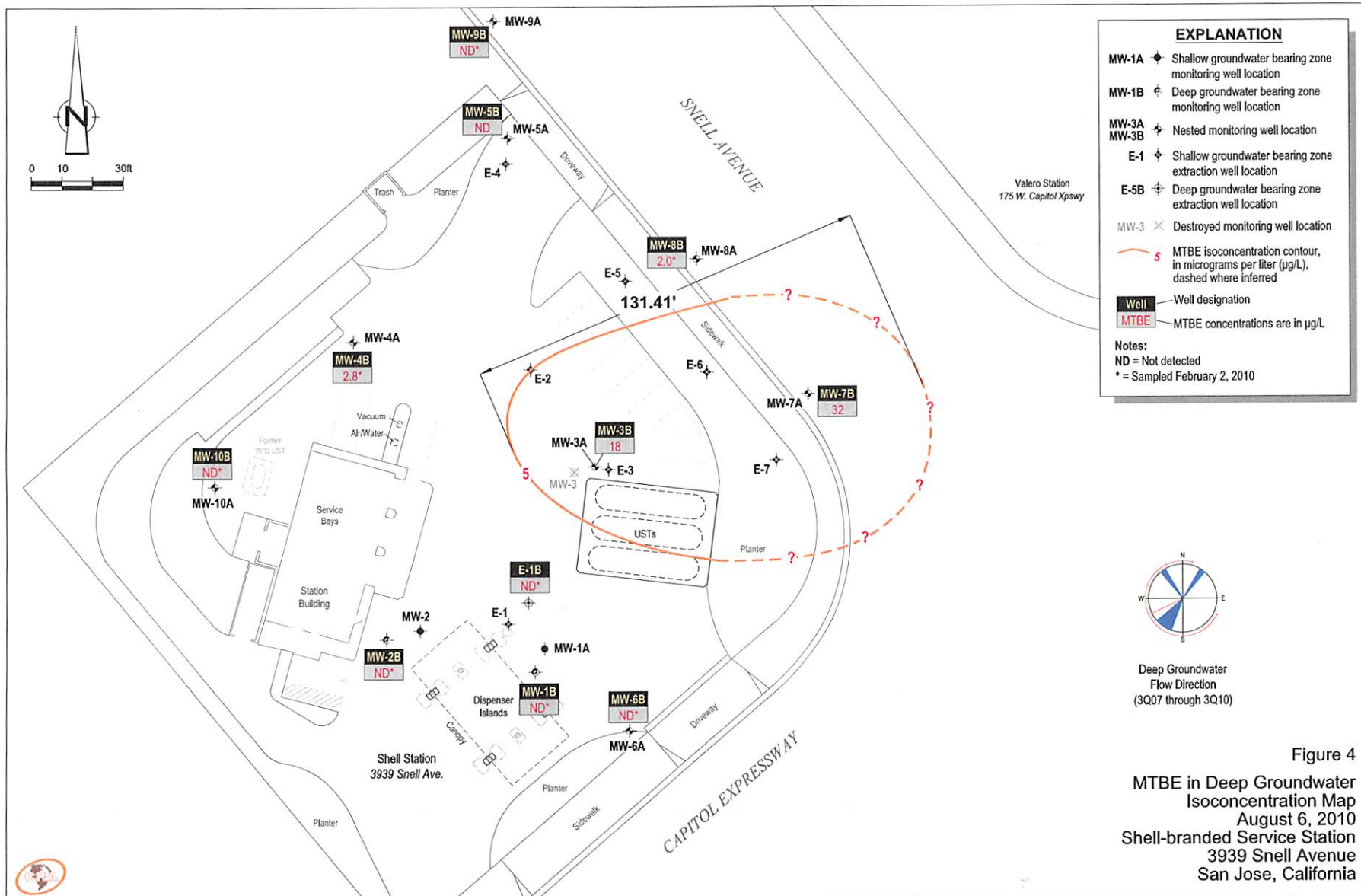


Figure 4
 MTBE in Deep Groundwater Isoconcentration Map
 August 6, 2010
 Shell-branded Service Station
 3939 Snell Avenue
 San Jose, California

**TABLE 1
HISTORICAL SOIL ANALYTICAL DATA**

Shell-Branded Service Station
3939 Snell Avenue
San Jose, California

Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MtBE by 8020 (mg/kg)	MtBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
	ESL, Drinking Water ^a		2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
	ESL, Non-Drinking Water ^b		2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110

ANALYTICAL DATA FROM PACIFIC ENVIRONMENTAL GROUP INVESTIGATION

SD-1	3	7/10/98	NA	NA	1.9	0.079	0.3	0.042	0.25	0.9	NA	NA	NA	NA	NA
SD-2	3	7/10/98	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	0.52	NA	NA	NA	NA	NA
SD-3	3	7/10/98	NA	NA	3.3	0.096	0.48	0.02	0.42	0.95	NA	NA	NA	NA	NA
SD-4	3	7/10/98	NA	NA	5,500	40	280	89	520	220	NA	NA	NA	NA	NA

ANALYTICAL DATA FROM TOXICHEM INVESTIGATIONS

GP-1	6	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-1	11	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-1	15.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-1	19.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-2	6	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-2	11	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-2	15.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-2	19	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-3	6	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-3	11	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-3	15.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-3	19.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-4	6	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-4	11	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-4	15.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-4	19.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-5	6	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-5	11	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-5	15.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-5	19.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-6	6	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-6	11	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA

**TABLE 1
HISTORICAL SOIL ANALYTICAL DATA**

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3939 Snell Avenue
San Jose, California

Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MtBE by 8020 (mg/kg)	MtBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
ESL, Drinking Water ^a			2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
ESL, Non-Drinking Water ^b			2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110
GP-6	13.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-6	19.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-7	6	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-7	11	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-7	15.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-7	19.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	0.1	0.11	NA	NA	NA	NA
GP-8	6	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-8	11	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-8	15.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-8	19.5	10/20/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-9	6	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	NA	NA	NA
GP-9	11	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	0.09	0.099	NA	NA	NA	NA
GP-9	15.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	0.46	0.48	NA	NA	NA	NA
GP-9	19.5	10/19/99	NA	NA	<1	<0.005	<0.005	<0.005	<0.005	1.3	1.5	NA	NA	NA	NA
GP-10	5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-10	10	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-10	15	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-10	19.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	4.4	2.9	NA	NA	NA	NA
GP-10	25	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.09	0.053	NA	NA	NA	NA
GP-10	29.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-10	39.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-11	6	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-11	10	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-11	15	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	2.6	1.7	NA	NA	NA	NA
GP-11	19.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	7.2	4.1	NA	NA	NA	NA
GP-11	23.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	1.8	1.2	NA	NA	NA	NA
GP-11	26.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-11	31	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-11	35.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-11	39.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-12	6	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-12	12	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.06	0.04	NA	NA	NA	NA
GP-12	15.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.34	0.24	NA	NA	NA	NA
GP-12	19.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	7.3	5.6	NA	NA	NA	NA

**TABLE 1
HISTORICAL SOIL ANALYTICAL DATA**

Shell-Branded Service Station
3939 Snell Avenue
San Jose, California

Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MtBE by 8020 (mg/kg)	MtBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
ESL, Drinking Water ^a			2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
ESL, Non-Drinking Water ^b			2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110
GP-12	23.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-12	27	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-12	31	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-12	35.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-12	37.5	04/19/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	6	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	10	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	15	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	19.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.44	0.025	NA	NA	NA	NA
GP-13	23.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	27	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	31	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	35	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-13	39.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	6.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	13.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	18	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	22	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	27.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	31	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-14	35.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	6	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	10	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	15.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	19.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	23.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	27.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	31	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	35	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-15	39.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	6	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	15.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	19.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	23.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	27.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	31	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA

**TABLE 1
HISTORICAL SOIL ANALYTICAL DATA**

Shell-Branded Service Station
3939 Snell Avenue
San Jose, California

Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MIBE by 8020 (mg/kg)	MIBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
ESL, Drinking Water ^a			2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
ESL, Non-Drinking Water ^b			2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110
GP-16	35	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-16	39.5	04/20/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	6	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	10	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	15.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	19.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	23.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	29	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	34.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-17	39.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-18	6.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-18	10	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-18	15.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.09	0.068	NA	NA	NA	NA
GP-18	19.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.13	0.12	NA	NA	NA	NA
GP-18	27.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-18	31	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-18	35	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-18	39.5	04/21/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	6.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	10	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	15.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	19.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	23.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	27	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	31.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	35.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-19	40.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	6	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	10	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	15.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	19.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	27	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	30.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	34.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-20	39.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.05	0.042	NA	NA	NA	NA

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Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MIBE by 8020 (mg/kg)	MIBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
ESL, Drinking Water ^a			2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
ESL, Non-Drinking Water ^b			2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110
GP-21	6.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-21	10	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-21	15.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-21	19.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	0.42	0.3	NA	NA	NA	NA
GP-21	24.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-21	29.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-21	34.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-21	39.5	04/24/00	NA	NA	<1	<0.005	<0.005	<0.005	<0.010	<0.05	NA	NA	NA	NA	NA
GP-22	6	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	10	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	15	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	20	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	25	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	30	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	35	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-22	39.5	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	6.5	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	10	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	15	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	20	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	30	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	35	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-23	39.5	08/29/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-24	6.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	10	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	15.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	20	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	27.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	30	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	35.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-24	39	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.50	NA	NA	NA	NA
GP-25	6.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-25	10	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-25	14.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-25	19.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-25	26	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA

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Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MtBE by 8020 (mg/kg)	MtBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
ESL, Drinking Water ^a			2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
ESL, Non-Drinking Water ^b			2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110
GP-25	30	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-25	35	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
GP-25	39.5	08/30/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-1	5	06/07/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	<0.0100	NA	NA	NA	NA	NA
MW-1	10	06/07/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.0109	0.13	NA	NA	NA	NA
MW-1	15	06/07/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.132	0.211	NA	NA	NA	NA
MW-1	20	06/07/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.188	0.233	NA	NA	NA	NA
MW-1	25	06/07/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.0133	0.0142	NA	NA	NA	NA
MW-1	30	06/07/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	<0.0100	NA	NA	NA	NA	NA
MW-2	5	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	<0.0100	NA	NA	NA	NA	NA
MW-2	10	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	<0.0100	NA	NA	NA	NA	NA
MW-2	15	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	<0.0100	NA	NA	NA	NA	NA
MW-2	20	06/04/99	NA	NA	<2.000	<0.0100	<0.0100	<0.0100	<0.0200	1.92	1.89	NA	NA	NA	NA
MW-2	25	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.0119	0.0156	NA	NA	NA	NA
MW-2	30	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.129	0.26	NA	NA	NA	NA
MW-3	5	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.358	0.344	NA	NA	NA	NA
MW-3	10	06/04/99	NA	NA	<10.000	<0.0500	<0.0500	<0.0500	<0.100	33.1	21.3	NA	NA	NA	NA
MW-3	15	06/04/99	NA	NA	<10.000	<0.0500	<0.0500	<0.0500	<0.100	25.2	25.1	NA	NA	NA	NA
MW-3	20	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	0.118	0.306	NA	NA	NA	NA
MW-3	25	06/04/99	NA	NA	<0.400	<0.00200	<0.00200	<0.00200	<0.00400	<0.0100	NA	NA	NA	NA	NA
MW-3A/3B	43.0	05/11/01	NA	NA	1.8	<0.0050	<0.0050	<0.0050	<0.0050	NA	2.6	NA	NA	NA	NA
MW-5A/5B	9.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-5A/5B	14.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-5A/5B	19.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	0.060	NA	NA	NA	NA
MW-5A/5B	24.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-5A/5B	29.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-5A/5B	34.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-5A/5B	39.5	05/09/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-6A/6B	34.5	05/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-6A/6B	39.5	05/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-6A/6B	49.5	05/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	NA	NA	NA	NA
MW-7	6.0	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	9.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5

**TABLE 1
HISTORICAL SOIL ANALYTICAL DATA**

Shell-Branded Service Station
3939 Snell Avenue
San Jose, California

Boring Number	Sample Depth (feet, bgs)	Date Sampled	O&G (mg/kg)	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MtBE by 8020 (mg/kg)	MtBE by 8260 (mg/kg)	DIPE by 8260 (mg/kg)	ETBE by 8260 (mg/kg)	TAME by 8260 (mg/kg)	TBA by 8260 (mg/kg)
ESL, Drinking Water ^a			2,500	83	83	0.044	2.9	3.3	2.3	0.023	0.023	--	--	--	0.075
ESL, Non-Drinking Water ^b			2,500	180	180	0.27	9.3	4.7	11	8.4	8.4	--	--	--	110
MW-7	14.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	19.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	24.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	29.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	34.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	39.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	44.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	45.5	12/10/01	NA	NA	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.5	<0.5	<0.5	<0.5	<0.5

ANALYTICAL DATA FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC. UNDERGROUND STORAGE TANK REMOVAL ACTIVITIES:

WO-1-9	9	06/16/06	102	12 ^c	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
WO-2-9	9	06/16/06	174	11 ^c	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

- | | | | |
|-------|--|-------|---|
| O&G | = Oil and Grease by EPA Method 413.1M | TAME | = Tert-amyl methyl ether |
| TPH-d | = Total petroleum hydrocarbons as diesel | TBA | = Tert-Butanol |
| TPH-g | = Total petroleum hydrocarbons as gasoline | bgs | = Below ground surface |
| MtBE | = Methyl tert-butyl ether | mg/kg | = Milligrams per kilogram |
| DIPE | = Diisopropyl ether | NA | = Not analyzed or not available |
| ETBE | = Ethyl tert-butyl ether | < | = Indicates no reportable concentration detected above the stated detection limit |
| a. | = SF-RWQCB ESLs for shallow soil (<3m) where groundwater is a potential source of drinking water, commercial/industrial land use; Table 1 | | |
| b. | = SF-RWQCB ESLs for shallow soil (<3m) where groundwater is a not potential source of drinking water, commercial/industrial land use; Table 1 | | |
| c. | = Hydrocarbons reported as TPH-d did not exhibit a typical diesel chromatographic pattern; these hydrocarbons are higher boiling than typical diesel | | |

Table 1. Soil Analytical Data - Shell-branded Service Station, 3939 Snell Avenue, San Jose, California

Sample ID	Date Sampled	Depth (fbg)	O&G	TPHd	TPHg	BTEX	Chlorinated Hydrocarbons	(mg/kg)											
								OXYs	1,2-DCA	EDB	Cd	Cr	Pb	Ni	Zn	PNAs	PCP	PCBs	Creosote
WO-1-9	16-Mar-06	9	102	12 ⁿ	<1.0	<0.0050	ND ^b	<0.0050	<0.0050	<0.0050	<0.500	201	7.28	420	55.3	ND ^b	<2.5	<0.050	<0.40
WO-2-9	16-Mar-06	9	174	11 ⁿ	<1.0	<0.0050	ND ^b	<0.0050	<0.0050	<0.0050	<0.500	73.8	8.84	148	68.8	ND ^b	<2.5	<0.050	<0.40
SF-RWQCB ESLs for shallow soil where groundwater is a current or potential source of drinking water (Residential Land Use)			500	100	100	Varies	Varies	Varies	0.0045	0.00033	1.7	58	150	150	600	Varies	4.4	0.2	--

Abbreviations and Notes:

- O&G = Oil and Grease by EPA Method 413.1M
- TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015M
- TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260B
- BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
- Chlorinated Hydrocarbons by EPA Method 8260B; see laboratory analytical report
- OXYs = Methyl tertiary-butyl ether, di-isopropyl ether, ethyl tertiary-butyl ether, tertiary-amyl methyl ether, tertiary-butanol by EPA Method 8260B
- 1,2-DCA = 1,2-dichloroethane by EPA Method 8260B
- EDB = 1,2-dibromoethane by EPA Method 8260B
- Cd = Cadmium by EPA Method 6010B
- Cr = Chromium by EPA Method 6010B
- Pb = Lead by EPA Method 6010B
- Ni = Nickel by EPA Method 6010B
- Zn = Zinc by EPA Method 6010B
- PNAs = Polychlorinated aromatics by EPA Method 8270C; see laboratory analytical report
- PCP = Pentachlorophenol by EPA Method 8270C
- PCBs = Polychlorinated biphenyls by EPA Method 8082; see laboratory analytical report
- Creosote analyzed by EPA Method 8270C. It is reported as a combination of naphthalene, acenaphthylene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, 1-methylnaphthalene, and 2-methylnaphthene.
- fbg = Feet below grade
- mg/kg = Milligrams per kilogram (parts per million)
- <x = Not detected at reporting limit x
- ND = Not detected above reporting limits
- = No applicable screening level
- n = Hydrocarbons reported as TPHd do not exhibit a typical Diesel chromatographic pattern. These hydrocarbons are higher boiling than typical diesel fuel.
- b = Please see laboratory analytical report for a complete list of specific constituents and their respective reporting limits

Data in **BOLD** equals or exceeds applicable San Francisco Bay Regional Water Quality Control Board (SF-RWQCB) Environmental Screening Level (ESL) value

**Table 2
Groundwater Analytical Data**

Current Shell-Branded Service Station
3939 Snell Avenue, San Jose, California

Boring Number	Date Sampled	TPPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE† by 8020 (µg/L)	MtBE† by 8260 (µg/L)	TBA (µg/L)	1,2-DCA, DIPE, ETBA, TAME, EDB (µg/L)
CURRENT ANALYTICAL DATA										
GP-22W-20	08/29/01	<50	<0.5	<0.5	<0.5	<0.5	NA	<0.50	NA	NA
GP-22W-40	08/29/01	<50	<0.5	<0.5	<0.5	<0.5	NA	<0.50	NA	NA
GP-23W-19	08/29/01	<50	<0.5	<0.5	<0.5	<0.5	NA	<0.50	NA	NA
GP-23W-39	08/29/01	<50	<0.5	<0.5	<0.5	<0.5	NA	<0.50	NA	NA
GP-24W-22	08/30/01	<50	<0.5	<0.5	<0.5	<0.5	NA	<0.50	NA	NA
GP-25W-22	08/30/01	<50	<0.5	<0.5	<0.5	<0.5	NA	<0.50	NA	NA
PREVIOUS ANALYTICAL DATA										
MW-1	06/01/01	<50	<0.5	<0.5	<0.5	<1.5	20	NA	NA	NA
MW-2	06/01/01	690	<0.5	<0.5	<0.5	<1.5	1,200	NA	NA	NA
MW-3A	06/01/01	34,000	<0.5	<0.5	<0.5	<1.5	51,000	47,000	NA	NA
MW-3B	06/01/01	28,000	<0.5	<0.5	<0.5	<1.5	42,000	NA	NA	NA
MW-4A	06/01/01	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA
MW-4B	06/01/01	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA
MW-5A	06/01/01	120	<0.5	<0.5	<0.5	<1.5	160	NA	NA	NA
MW-5B	06/01/01	86	<0.5	<0.5	<0.5	<1.5	63	NA	NA	NA
MW-6A	06/01/01	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA
MW-6B	06/01/01	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA
GP-10@20	04/19/00	76	<0.5	<0.5	<0.5	<1	62,000	66,000	NA	NA
GP-10@38	04/19/00	<50	<0.5	<0.5	<0.5	<1	96	36	NA	NA
GP-11@24	04/19/00	86	<0.5	<0.5	<0.5	<1	64,000	61,000	NA	NA
GP-11@40	04/19/00	<50	<0.5	<0.5	<0.5	<1	86	38	NA	NA
GP-12@24	04/19/00	160	<0.5	<0.5	<0.5	<1	49,000	51,000	NA	NA
GP-12@37	04/19/00	<50	0.6	2.0	<0.5	2.1	12,000	11,000	NA	NA
GP-13@24	04/20/00	<50	<0.5	<0.5	<0.5	<1	2,800	2,600	NA	NA
GP-13@40	04/20/00	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA
GP-14@24	04/20/00	<50	<0.5	<0.5	<0.5	<1	260	270	NA	NA
GP-14@38	04/20/00	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA
GP-15@24	04/20/00	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA
GP-15@40	04/20/00	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA
GP-16@24	04/20/00	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA

Table 2
Groundwater Analytical Data

Current Shell-Branded Service Station
3939 Snell Avenue, San Jose, California

Boring Number	Date Sampled	TPPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MiBE† by 8020 (µg/L)	MiBE† by 8260 (µg/L)	TBA (µg/L)	1,2-DCA, DIPE, ETBA, TAME, EDB (µg/L)
GP-16@38	04/21/00	<50	<0.5	1.3	<0.5	1.2	<3	NA	NA	NA
GP-17@24	04/21/00	<50	<0.5	<0.5	<0.5	1.3	<3	NA	NA	NA
GP-17@40	04/21/00	<50	<0.5	0.7	<0.5	1.9	<3	NA	NA	NA
GP-18@24	04/21/00	<50	<0.5	<0.5	<0.5	1.2	<3	NA	NA	NA
GP-18@38	04/21/00	<50	<0.5	0.6	<0.5	1.8	21	17	NA	NA
GP-19@24	04/24/00	<50	<0.5	<0.5	<0.5	<1	<3	0.5	NA	NA
GP-19@40	04/24/00	<50	<0.5	<0.5	<0.5	<1	220	210	NA	NA
GP-20@24	04/24/00	<50	<0.5	<0.5	<0.5	<1	100	110	NA	NA
GP-20@38	04/24/00	<50	<0.5	<0.5	<0.5	<1	230	170	NA	NA
GP-21@20	04/24/00	<50	<0.5	<0.5	<0.5	<1	2,900	2,800	NA	NA
GP-21@38	04/24/00	<50	<0.5	<0.5	<0.5	<1	21	16	NA	NA
GP-1	10/19/99	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA
GP-2	10/19/99	<50	<0.5	<0.5	<0.5	<1	<3	NA	NA	NA
GP-3	10/19/99	<50	<0.5	<0.5	<0.5	<1	16	17	NA	NA
GP-4	10/19/99	<50	<0.5	<0.5	<0.5	<1	33	73	NA	NA
GP-5	10/20/99	<50	<0.5	<0.5	<0.5	<1	17	16	NA	NA
GP-6	10/20/99	<50	<0.5	<0.5	<0.5	<1	220	310	NA	NA
GP-7	10/20/99	<50	<0.5	<0.5	<0.5	<1	2,500	2,800	NA	NA
GP-8	10/20/99	<50	<0.5	<0.5	<0.5	<1	66	88	NA	NA
GP-9	10/20/99	<50	<0.5	<0.5	<0.5	<1	11,000	8,400	NA	NA
MW-1	06/11/99	<50.0	<0.500	<0.500	<0.500	<0.500	330	463	<666	<666
MW-2	06/11/99	<50.0	<0.500	<0.500	<0.500	<0.500	25,100 a	21,800	<40,000	<400
MW-3	06/11/99	<50.0	<0.500	<0.500	<0.500	<0.500	37,800 a	32,300	<50,000	<500

TPPH = Total purgeable petroleum hydrocarbons
MiBE = Methyl tert-butyl ether
TBA = Tertiary butyl alcohol, or t-butanol
DIPE = Di-isopropyl ether
ETBA = Ethyl tertiary-butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane, or ethylene dichloride (EDC)
EDB = Ethylene di-bromide
† = MiBE analyzed using EPA Method 8020 or 8260, as specified
µg/L = Micrograms per liter

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	6/11/1999	<50.0	<0.500	<0.500	<0.500	<0.500	330	463	NA	NA	NA	NA	NA	157.70	17.40	140.30
MW-1	8/18/1999	<50.0	<0.500	<0.500	<0.500	<0.500	72.6	98.6	NA	NA	NA	NA	NA	157.70	17.31	140.39
MW-1	11/5/1999	<50	<0.5	<0.5	<0.5	<1	1,200	NA	NA	NA	NA	NA	NA	157.70	17.04	140.66
MW-1	2/17/2000	<50	<0.5	<0.5	<0.5	<1	580	NA	NA	NA	NA	NA	NA	157.70	15.41	142.29
MW-1	5/18/2000	<50	<0.5	<0.5	<0.5	<1	30	NA	NA	NA	NA	NA	NA	157.70	16.03	141.67
MW-1	8/21/2000	<50	<0.5	<0.5	<0.5	<1	8	NA	NA	NA	NA	NA	NA	157.70	16.59	141.11
MW-1	9/8/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	15.71	141.99
MW-1	10/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.57	141.13
MW-1	11/7/2000	<50	<0.5	<0.5	<0.5	<1.0	<5	NA	NA	NA	NA	NA	NA	157.70	17.33	140.37
MW-1	12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	17.66	140.04
MW-1	1/9/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	18.16	139.54
MW-1	2/2/2001	<50	<0.5	<0.5	<0.5	<1.0	<5	NA	NA	NA	NA	NA	NA	157.70	16.54	141.16
MW-1	3/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	15.32	142.38
MW-1	4/23/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	15.41	142.29
MW-1	6/1/2001	<50	<0.5	<0.5	<0.5	<1.5	20	NA	NA	NA	NA	NA	NA	157.70	16.55	141.15
MW-1	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.64	141.06
MW-1	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.83	140.87
MW-1	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	17.55	140.15
MW-1	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.70	17.52	140.18
MW-1	9/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	17.85	139.85
MW-1	10/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	18.58	139.12
MW-1	11/14/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	1.6	NA	NA	NA	NA	NA	157.70	18.63	139.07
MW-1	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.70	18.61	139.09
MW-1	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.70	18.13	139.57
MW-1	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.70	16.71	140.99
MW-1	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.70	17.52	140.18
MW-1	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.70	19.11	138.59
MW-1	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	157.70	18.45	139.25
MW-1	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.70	16.84	140.86

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	11/18/2003	78 d	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.70	17.81	139.89
MW-1	3/3/2004	<50	<0.50	1.1	<0.50	2.0	NA	<0.50	NA	NA	NA	NA	NA	157.70	17.36	140.34
MW-1	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.70	18.06	139.64
MW-1	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	18.57	139.13
MW-1	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	19.12	138.58
MW-1	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	NA	NA
MW-1	3/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.66	NA	NA	NA	<5.0	NA	157.70	15.71	141.99
MW-1	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.68	141.02
MW-1	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.38	141.32
MW-1	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	18.99	138.71
MW-1	2/27/2006	100 k	<0.50	<0.50	<0.50	0.54	NA	0.89	NA	NA	NA	<20	NA	157.70	18.25	139.45
MW-1	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.26	141.44
MW-1	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.70	16.49	141.21
MW-1	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	157.70	18.43	139.27
MW-1	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.70	18.62	139.08
MW-1	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.70	15.90	141.80
MW-1	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.70	17.52	140.18
MW-1B	12/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	39.68	117.78
MW-1B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.46	37.80	119.66
MW-1B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.46	39.02	118.44
MW-1B	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.46	43.70	113.76
MW-1B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.46	43.01	114.45
MW-1B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.46	36.68	120.78
MW-1B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	157.46	34.18	123.28
MW-1B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.46	41.38	116.08
MW-1B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.46	42.14	115.32
MW-1B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.46	34.81	122.65
MW-1B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.46	37.24	120.22

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1B	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	43.50	113.96
MW-1B	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	43.32	114.14
MW-1B	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	NA	NA
MW-1B	3/31/2005	<50 e	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	157.46	32.92	124.54
MW-1B	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	31.10	126.36
MW-1B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	37.21	120.25
MW-1B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	37.31	120.15
MW-1B	2/27/2006	85 k	<0.50	<0.50	<0.50	0.50	NA	<0.50	NA	NA	NA	<20	NA	157.46	31.22	126.24
MW-1B	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	28.61	128.85
MW-1B	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.46	34.59	122.87
MW-1B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	157.46	32.00	125.46
MW-1B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.46	37.23	120.23
MW-1B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.46	40.11	117.35
MW-1B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.46	35.10	122.36
MW-2	6/11/1999	<50.0	<0.500	<0.500	<0.500	<0.500	25,100	21,800	NA	NA	NA	NA	NA	157.87	15.94	141.93
MW-2	8/18/1999	<500	5.07	<5.00	<5.00	<5.00	8,520	10,800	NA	NA	NA	NA	NA	157.87	15.93	141.94
MW-2	11/5/1999	65	<0.5	0.9	<0.5	<1	12,000	23,000	NA	NA	NA	NA	NA	157.87	17.24	140.63
MW-2	2/17/2000	<50	<0.5	<0.5	<0.5	<1	4,400	NA	NA	NA	NA	NA	NA	157.87	15.37	142.50
MW-2	5/18/2000	<50	<0.5	<0.5	<0.5	<1	3,100	NA	NA	NA	NA	NA	NA	157.87	15.75	142.12
MW-2	8/21/2000	<50	3.4	<0.5	1.7	9.8	5,700	NA	NA	NA	NA	NA	NA	157.87	16.30	141.57
MW-2	9/8/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	15.82	142.05
MW-2	10/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	17.00	140.87
MW-2	11/7/2000	<500	<5	<5	<5	<10	5,400	NA	NA	NA	NA	NA	NA	157.87	16.87	141.00
MW-2	12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	17.56	140.31
MW-2	1/9/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	17.49	140.38
MW-2	2/2/2001	2,800	<2.5	<2.5	<2.5	<5	3,900	NA	NA	NA	NA	NA	NA	157.87	16.89	140.98
MW-2	3/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	15.54	142.33
MW-2	4/23/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	15.67	142.20

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	6/1/2001	690	<0.5	<0.5	<0.5	<1.5	1,200	NA	NA	NA	NA	NA	NA	157.87	16.29	141.58
MW-2	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	16.52	141.35
MW-2	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	16.83	141.04
MW-2	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	16.96	140.91
MW-2	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	340	NA	NA	NA	NA	NA	157.87	17.53	140.34
MW-2	9/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	18.34	139.53
MW-2	10/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.87	18.98	138.89
MW-2	11/14/2001	<200	<2.0	<2.0	<2.0	<2.0	NA	1,200	NA	NA	NA	NA	NA	157.87	18.96	138.91
MW-2	2/13/2002	<1,000	<5.0	<5.0	<5.0	<5.0	NA	2,200	NA	NA	NA	NA	NA	157.87	19.00	138.87
MW-2	5/21/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,500	NA	NA	NA	NA	NA	157.89	18.65	139.24
MW-2	9/4/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,500	NA	NA	NA	NA	NA	157.89	18.29	139.60
MW-2	11/25/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	1,900	NA	NA	NA	NA	NA	157.89	18.57	139.32
MW-2	2/5/2003	<500	<5.0	<5.0	<5.0	<5.0	NA	1,700	NA	NA	NA	NA	NA	157.89	18.48	139.41
MW-2	5/15/2003	<5,000	<50	<50	<50	<100	NA	2,000	NA	NA	NA	NA	NA	157.89	18.18	139.71
MW-2	8/5/2003	<500	<5.0	<5.0	<5.0	<10	NA	1,500	NA	NA	NA	NA	NA	157.89	17.25	140.64
MW-2	11/18/2003	<500	<5.0	<5.0	<5.0	<10	NA	660	NA	NA	NA	NA	NA	157.89	18.39	139.50
MW-2	3/3/2004	<50	<0.50	0.54	<0.50	<1.0	NA	37	NA	NA	NA	NA	NA	157.89	17.08	140.81
MW-2	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	157.89	17.94	139.95
MW-2	9/1/2004	<500	<5.0	<5.0	<5.0	<10	NA	780	<20	<20	<20	<50	<500	157.89	18.89	139.00
MW-2	11/23/2004	<500	<5.0	<5.0	<5.0	<10	NA	1,000	NA	NA	NA	<50	NA	157.89	20.06	137.83
MW-2	2/9/2005	<500	<5.0	<5.0	<5.0	<10	NA	1,900	NA	NA	NA	<50	NA	157.89	19.64	138.25
MW-2	5/27/2005	<100	<1.0	<1.0	<1.0	<2.0	NA	200	NA	NA	NA	23	NA	157.89	17.15	140.74
MW-2	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	520 a	<2.0	<2.0	<2.0	18	NA	157.70	18.06	139.64
MW-2	11/21/2005	1,650	<0.500	<0.500	<0.500	<0.500	NA	886	NA	NA	NA	<10.0	NA	157.70	20.06	137.64
MW-2	2/27/2006	140 k	<0.50	<0.50	<0.50	<0.50	NA	38	NA	NA	NA	<20	NA	157.70	18.70	139.00
MW-2	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	42.3	NA	NA	NA	<10.0	NA	157.70	16.69	141.01
MW-2	8/14/2006	119	<0.500	<0.500	<0.500	<0.500	NA	9.48	<0.500	<0.500	<0.500	<10.0	NA	157.70	17.25	140.45
MW-2	11/20/2006	290 k	<0.50	<0.50	<0.50	<0.50	NA	54	NA	NA	NA	<20	NA	157.70	18.96	138.74
MW-2	2/12/2007	68	<0.50	<0.50	<0.50	<1.0	NA	36	<2.0	<2.0	<2.0	<5.0	NA	157.70	18.71	138.99

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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MW-2	5/14/2007	140 m,n	<0.50	<1.0	<1.0	<1.0	NA	260	NA	NA	NA	<10	NA	157.70	19.47	138.23
MW-2	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	28	NA	NA	NA	<10	NA	157.70	20.60	137.10
MW-2	11/12/2007	96 m,n	<0.50	1.6 p	<1.0	<1.0	NA	75	NA	NA	NA	<10	NA	157.70	20.11	137.59
MW-2	2/25/2008	<50 m	<2.5	<5.0	<5.0	<5.0	NA	380	<10	<10	<10	<50	NA	157.70	19.81	137.89
MW-2	5/12/2008	500	<2.5	<5.0	<5.0	<5.0	NA	550	NA	NA	NA	<50	NA	157.70	20.88	136.82
MW-2	8/11/2008	450	<2.5	<5.0	<5.0	<5.0	NA	520	NA	NA	NA	<50	NA	157.70	21.03	136.67
MW-2	11/10/2008	450	<2.5	<5.0	<5.0	<5.0	NA	390	NA	NA	NA	<50	NA	157.70	21.20	136.50
MW-2	2/19/2009	440	<1.0	<2.0	<2.0	<2.0	NA	310	<4.0	<4.0	<4.0	<20	NA	157.70	18.60	139.10
MW-2	5/20/2009	340	<1.0	<2.0	<2.0	<2.0	NA	300	NA	NA	NA	<20	NA	157.70	20.80	136.90
MW-2	8/17/2009	110	<0.50	<1.0	<1.0	<1.0	NA	57	NA	NA	NA	<10	NA	157.70	21.94	135.76
MW-2	2/22/2010	210	<0.50	<1.0	<1.0	<1.0	NA	190	<2.0	<2.0	<2.0	<10	NA	157.70	19.25	138.45
MW-2	8/6/2010	92	<0.50	<1.0	<1.0	<1.0	NA	100	NA	NA	NA	<10	NA	157.70	20.30	137.40

MW-2B	12/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	40.08	117.81
MW-2B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	9.2	NA	NA	NA	NA	NA	157.89	38.18	119.71
MW-2B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.89	39.40	118.49
MW-2B	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.89	44.10	113.79
MW-2B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.89	43.43	114.46
MW-2B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.89	37.25	120.64
MW-2B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	6.3	NA	NA	NA	NA	NA	157.89	34.59	123.30
MW-2B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.89	41.56	116.33
MW-2B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.89	42.45	115.44
MW-2B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.89	35.22	122.67
MW-2B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	NA	157.89	37.64	120.25
MW-2B	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	43.85	114.04
MW-2B	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	43.70	114.19
MW-2B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	157.89	38.25	119.64
MW-2B	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	31.45	126.44
MW-2B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	37.55	120.34

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
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San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	37.65	120.24
MW-2B	2/27/2006	69 k	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	157.89	31.65	126.24
MW-2B	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	28.96	128.93
MW-2B	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.89	34.99	122.90
MW-2B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	157.89	33.43	124.46
MW-2B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.89	37.65	120.24
MW-2B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.89	40.66	117.23
MW-2B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.89	35.50	122.39
MW-3	6/11/1999	<50.0	<0.500	<0.500	<0.500	<0.500	37,800	32,300	NA	NA	NA	NA	NA	157.48	15.78	141.70
MW-3	8/18/1999	<2,000	37.0	<20.0	35.5	91.1	64,600	76,000	NA	NA	NA	NA	NA	157.48	15.79	141.69
MW-3	11/5/1999	<50	<0.5	<0.5	<0.5	<1	2,400	NA	NA	NA	NA	NA	NA	157.48	26.77	130.71
MW-3	2/17/2000	230	<0.5	8.4	4.7	41	41,000	38,000 a	NA	NA	NA	NA	NA	157.48	29.17	128.31
MW-3	5/18/2000	110	<0.5	0.8	0.6	2.9	16,000	37,000	NA	NA	NA	NA	NA	157.48	30.10	127.38
MW-3	8/21/2000	58	<0.5	<0.5	<0.5	<1	60,000	59,000	NA	NA	NA	NA	NA	157.48	30.67	126.81
MW-3	9/8/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	30.20	127.28
MW-3	10/24/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	32.75	124.73
MW-3	11/7/2000	<1,000	<10	<10	<10	<20	50,000	50,000	NA	NA	NA	NA	NA	157.48	31.52	125.96
MW-3	12/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	32.45	125.03
MW-3	1/9/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	30.43	127.05
MW-3	2/2/2001	36,000	<25	<25	<25	<50	58,000	59,000	NA	NA	NA	NA	NA	157.48	31.78	125.70
MW-3	3/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	28.37	129.11
MW-3	4/23/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	28.59	128.89
MW-3	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3A	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	17.26	140.24
MW-3A	6/1/2001	34,000	<0.5	<0.5	<0.5	<1.5	51,000	47,000	NA	NA	NA	NA	NA	157.50	17.79	139.71
MW-3A	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	18.36	139.14
MW-3A	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	18.90	138.60

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3A	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	18.98	138.52
MW-3A	8/3/2001	<1,000	<10	<10	<10	<10	NA	53,000	NA	NA	NA	NA	NA	157.50	19.64	137.86
MW-3A	9/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	20.18	137.32
MW-3A	10/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	20.87	136.63
MW-3A	11/14/2001	<10,000	<100	<100	<100	<100	NA	45,000	NA	NA	NA	NA	NA	157.50	20.67	136.83
MW-3A	2/13/2002	<5,000	<50	<50	<50	<50	NA	54,000	NA	NA	NA	NA	NA	157.50	20.40	137.10
MW-3A	5/21/2002	<10,000	<100	<100	<100	<100	NA	76,000	NA	NA	NA	NA	NA	157.48	20.93	136.55
MW-3A	9/4/2002	<10,000	<100	<100	<100	<100	NA	67,000	NA	NA	NA	NA	NA	157.48	21.38	136.10
MW-3A	11/25/2002	<20,000	<200	<200	<200	<200	NA	55,000	NA	NA	NA	NA	NA	157.48	23.35	134.13
MW-3A	2/5/2003	<20,000	<200	<200	<200	<200	NA	68,000	NA	NA	NA	NA	NA	157.48	24.20	133.28
MW-3A	5/15/2003	<50,000	<500	<500	<500	<1,000	NA	120,000	NA	NA	NA	NA	NA	157.48	22.65	134.83
MW-3A	8/5/2003	<20,000	<200	<200	<200	<400	NA	34,000	NA	NA	NA	NA	NA	157.48	23.42	134.06
MW-3A	11/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	21.52	135.96
MW-3A	11/21/2003	<10,000	<100	<100	<100	<200	NA	15,000	NA	NA	NA	NA	NA	157.48	22.12	135.36
MW-3A	3/3/2004	<10,000	<100	<100	<100	<200	NA	7,500	NA	NA	NA	NA	NA	157.48	18.96	138.52
MW-3A	5/10/2004	58,000	<100	650	1,400	9,000	NA	4,500	NA	NA	NA	NA	NA	157.48	20.81	136.67
MW-3A	9/1/2004	<2,500	<25	<25	<25	<50	NA	2,800	<100	<100	<100	30,000	<2,500	157.48	21.74	135.74
MW-3A	11/23/2004	<2,500	<25	<25	<25	<50	NA	180	NA	NA	NA	33,000	NA	157.48	24.19	133.29
MW-3A	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	NA	NA
MW-3A	3/31/2005	<50 e	<0.50	<0.50	<0.50	<1.0	NA	190	NA	NA	NA	530	NA	157.48	16.21	141.27
MW-3A	5/27/2005	<1,000	<10	<10	<10	<20	NA	170	NA	NA	NA	16,000	NA	157.48	17.69	139.79
MW-3A	8/9/2005	<1,300	<13	<13	<13	<25	NA	150	<50	<50	<50	11,000	NA	157.48	18.32	139.16
MW-3A	11/21/2005	814	<0.500	<0.500	<0.500	<0.500	NA	66.7	NA	NA	NA	21,400	NA	157.48	23.19	134.29
MW-3A	2/27/2006	170	<0.50	<0.50	<0.50	<0.50	NA	32	NA	NA	NA	7,200 h	NA	157.48	19.28	138.20
MW-3A	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	94.0	NA	NA	NA	1,630	NA	157.48	17.21	140.27
MW-3A	8/14/2006	407	<0.500	<0.500	<0.500	<0.500	NA	51.2	<0.500	<0.500	<0.500	881	NA	157.48	16.93	140.55
MW-3A	11/20/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	26	NA	NA	NA	1,900	NA	157.48	17.85	139.63
MW-3A	2/12/2007	68	<0.50	<0.50	<0.50	<1.0	NA	45	<2.0	<2.0	<2.0	310	NA	157.48	16.10	141.38
MW-3A	5/14/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	4.8	NA	NA	NA	1,200	NA	157.48	20.22	137.26

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3A	8/6/2007	<50 m	<2.5	<5.0	<5.0	<5.0	NA	6.4	NA	NA	NA	3,600	NA	157.48	23.77	133.71
MW-3A	11/12/2007	320 m,n	<2.5	16 p	<5.0	<5.0	NA	66	NA	NA	NA	4,800	NA	157.48	20.13	137.35
MW-3A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	17	<2.0	<2.0	<2.0	120	NA	157.48	16.81	140.67
MW-3A	5/12/2008	130	<0.50	<1.0	<1.0	<1.0	NA	5.3	NA	NA	NA	3,400	NA	157.48	23.80	133.68
MW-3A	8/11/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	10	NA	157.48	27.52	129.96
MW-3A	11/10/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.7	NA	NA	NA	<10	NA	157.48	20.33	137.15
MW-3A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.2	<2.0	<2.0	<2.0	<10	NA	157.48	14.86	142.62
MW-3A	5/20/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	7.4	NA	NA	NA	240	NA	157.48	22.71	134.77
MW-3A	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.5	NA	NA	NA	<10	NA	157.48	27.62	129.86
MW-3A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.48	17.88	139.60
MW-3A	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	7.7	NA	NA	NA	<10	NA	157.48	20.50	136.98
MW-3B	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	35.13	122.35
MW-3B	6/1/2001	28,000	<0.5	<0.5	<0.5	<1.5	42,000	NA	NA	NA	NA	NA	NA	157.48	37.66	119.82
MW-3B	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	37.88	119.60
MW-3B	6/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	38.25	119.23
MW-3B	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	38.09	119.39
MW-3B	8/3/2001	<1,000	<10	<10	<10	<10	NA	33,000	NA	NA	NA	NA	NA	157.48	39.11	118.37
MW-3B	9/17/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	40.33	117.15
MW-3B	10/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	40.81	116.67
MW-3B	11/14/2001	<5,000	<25	<25	<25	<25	NA	11,000	NA	NA	NA	NA	NA	157.48	41.11	116.37
MW-3B	2/13/2002	<5,000	<50	<50	<50	<50	NA	28,000	NA	NA	NA	NA	NA	157.48	38.51	118.97
MW-3B	5/21/2002	<5,000	<50	<50	<50	<50	NA	25,000	NA	NA	NA	NA	NA	157.48	38.53	118.95
MW-3B	9/4/2002	Insufficient water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	41.77	115.71
MW-3B	11/25/2002	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.48	NA	NA
MW-3B	2/5/2003	<5,000	<50	<50	<50	<50	NA	21,000	NA	NA	NA	NA	NA	157.48	38.59	118.89
MW-3B	5/15/2003	<5,000	<50	<50	<50	<100	NA	8,200	NA	NA	NA	NA	NA	157.48	34.40	123.08
MW-3B	8/5/2003	<1,000	<10	<10	<10	<20	NA	360	NA	NA	NA	NA	NA	157.48	39.39	118.09
MW-3B	11/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	41.65	115.85

TABLE 1
WELL CONCENTRATIONS
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San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3B	11/21/2003	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	41.69	115.81
MW-3B	3/3/2004	<1,000	<10	<10	<10	<20	NA	810	NA	NA	NA	NA	NA	157.50	35.44	122.06
MW-3B	5/10/2004	<1,000	<10	<10	<10	<20	NA	460	NA	NA	NA	NA	NA	157.50	37.22	120.28
MW-3B	9/1/2004	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	41.60	115.90
MW-3B	11/23/2004	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	42.23	115.27
MW-3B	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	NA	NA
MW-3B	3/31/2005	<1,000	<10	<10	<10	<20	NA	360	NA	NA	NA	13,000	NA	157.50	34.72	122.78
MW-3B	5/27/2005	<1,000	<10	<10	<10	<20	NA	190	NA	NA	NA	12,000	NA	157.50	31.43	126.07
MW-3B	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	29	<2.0	<2.0	<2.0	1,000 a	NA	157.50	35.66	121.84
MW-3B	11/21/2005	<50.0	<0.500	0.620	<0.500	0.690	NA	15.5	NA	NA	NA	<10.0	NA	157.50	37.83	119.67
MW-3B	2/27/2006	79	<0.50	<0.50	<0.50	<0.50	NA	13	NA	NA	NA	3,100 h,j	NA	157.50	32.34	125.16
MW-3B	5/15/2006	521	<0.500	<0.500	<0.500	<0.500	NA	89.9	NA	NA	NA	6,130	NA	157.50	29.11	128.39
MW-3B	8/14/2006	229	<0.500	<0.500	<0.500	<0.500	NA	11.8	<0.500	<0.500	<0.500	1,360	NA	157.50	33.62	123.88
MW-3B	11/20/2006	200	<1.0	<1.0	<1.0	<1.0	NA	31	NA	NA	NA	1,500	NA	157.50	34.12	123.38
MW-3B	2/12/2007	50	<0.50	<0.50	<0.50	<1.0	NA	13	<2.0	<2.0	<2.0	840	NA	157.50	32.77	124.73
MW-3B	5/14/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	4.0	NA	NA	NA	590	NA	157.50	35.64	121.86
MW-3B	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	1.9	NA	NA	NA	<10	NA	157.50	40.00	117.50
MW-3B	11/12/2007	<50 m	<0.50	2.5 p	<1.0	0.23 o	NA	12	NA	NA	NA	<10	NA	157.50	41.36	116.14
MW-3B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	3.4	<2.0	<2.0	<2.0	28	NA	157.50	38.17	119.33
MW-3B	5/12/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	3.4	NA	NA	NA	<10	NA	157.50	37.70	119.80
MW-3B	8/11/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.0	NA	NA	NA	<10	NA	157.50	41.65	115.85
MW-3B	11/10/2008	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	NA	NA
MW-3B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.4	<2.0	<2.0	<2.0	11	NA	157.50	41.10	116.40
MW-3B	5/20/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	6.3	NA	NA	NA	<10	NA	157.50	39.18	118.32
MW-3B	8/17/2009	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.50	41.72	115.78
MW-3B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	3.1	<2.0	<2.0	<2.0	17	NA	157.50	37.72	119.78
MW-3B	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	18	NA	NA	NA	<10	NA	157.50	38.37	119.13
MW-4A	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.10	16.21	141.89

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4A	6/1/2001	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA	NA	NA	NA	158.10	16.77	141.33
MW-4A	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.10	17.01	141.09
MW-4A	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.10	18.00	140.10
MW-4A	11/14/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	5.1	NA	NA	NA	NA	NA	158.10	19.09	139.01
MW-4A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.10	18.67	139.43
MW-4A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.10	18.66	139.44
MW-4A	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	13	NA	NA	NA	NA	NA	158.10	19.38	138.72
MW-4A	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	15	NA	NA	NA	NA	NA	158.10	19.26	138.84
MW-4A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	5.9	NA	NA	NA	NA	NA	158.10	18.35	139.75
MW-4A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	6.2	NA	NA	NA	NA	NA	158.10	18.06	140.04
MW-4A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	NA	NA	158.10	18.10	140.00
MW-4A	11/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.10	19.09	139.01
MW-4A	11/21/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	36	NA	NA	NA	NA	NA	158.10	19.24	138.86
MW-4A	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.6	NA	NA	NA	NA	NA	158.10	17.38	140.72
MW-4A	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.10	17.85	140.25
MW-4A	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	3.1	<2.0	<2.0	<2.0	<5.0	<50	158.10	19.21	138.89
MW-4A	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	1.6	NA	NA	NA	<5.0	NA	158.10	20.73	137.37
MW-4A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	49	NA	NA	NA	<5.0	NA	158.10	20.14	137.96
MW-4A	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.60	NA	NA	NA	<5.0	NA	158.10	17.80	140.30
MW-4A	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.10	10.94	147.16
MW-4A	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.10	20.59	137.51
MW-4A	2/27/2006	93	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	480 i,j	NA	158.10	19.00	139.10
MW-4A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	5.4	<2.0	<2.0	<2.0	<5.0	NA	158.10	18.96	139.14
MW-4A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	16	<2.0	<2.0	<2.0	<10	NA	158.10	20.44	137.66
MW-4A	2/19/2009	56	<0.50	<1.0	<1.0	<1.0	NA	20	<2.0	<2.0	<2.0	<10	NA	158.10	20.31	137.79
MW-4A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	35	<2.0	<2.0	<2.0	<10	NA	158.10	19.90	138.20
MW-4B	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	33.12	125.03
MW-4B	6/1/2001	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA	NA	NA	NA	158.15	36.10	122.05

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4B	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	37.02	121.13
MW-4B	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.15	39.44	118.71
MW-4B	11/14/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	1.7	NA	NA	NA	NA	NA	158.15	41.02	117.13
MW-4B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.15	31.52	126.63
MW-4B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.15	38.33	119.82
MW-4B	9/4/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	41.30	116.85
MW-4B	11/25/2002	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	NA	NA
MW-4B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.15	36.11	122.04
MW-4B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	158.15	34.06	124.09
MW-4B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.87	NA	NA	NA	NA	NA	158.15	40.48	117.67
MW-4B	11/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	41.29	116.86
MW-4B	11/21/2003	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	41.34	116.81
MW-4B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.15	35.11	123.04
MW-4B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.15	36.76	121.39
MW-4B	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	41.28	116.87
MW-4B	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	41.36	116.79
MW-4B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.1	NA	NA	NA	<5.0	NA	158.15	38.94	119.21
MW-4B	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	31.05	127.10
MW-4B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	36.74	121.41
MW-4B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	37.55	120.60
MW-4B	2/27/2006	110 k	<0.50	<0.50	<0.50	<0.50	NA	0.86	NA	NA	NA	<20	NA	158.15	31.21	126.94
MW-4B	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	28.16	129.99
MW-4B	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	34.35	123.80
MW-4B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	0.51	<2.0	<2.0	<2.0	<5.0	NA	158.15	32.48	125.67
MW-4B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.15	37.64	120.51
MW-4B	2/19/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.15	41.38	116.77
MW-4B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	2.8	<2.0	<2.0	<2.0	<10	NA	158.15	35.31	122.84
MW-5A	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.34	14.76	141.58

TABLE 1
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5A	6/1/2001	120	<0.5	<0.5	<0.5	<1.5	160	NA	NA	NA	NA	NA	NA	156.34	15.23	141.11
MW-5A	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.34	15.51	140.83
MW-5A	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	156.34	19.78	136.56
MW-5A	11/14/2001	<100	<1.0	<1.0	<1.0	<1.0	NA	530	NA	NA	NA	NA	NA	156.34	19.95	136.39
MW-5A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	270	NA	NA	NA	NA	NA	156.34	18.15	138.19
MW-5A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	340	NA	NA	NA	NA	NA	156.34	18.39	137.95
MW-5A	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	440	NA	NA	NA	NA	NA	156.34	19.39	136.95
MW-5A	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	240	NA	NA	NA	NA	NA	156.34	18.76	137.58
MW-5A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	130	NA	NA	NA	NA	NA	156.34	17.04	139.30
MW-5A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	64	NA	NA	NA	NA	NA	156.34	16.85	139.49
MW-5A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	160	NA	NA	NA	NA	NA	156.34	17.74	138.60
MW-5A	11/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.34	18.23	138.11
MW-5A	11/21/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	220	NA	NA	NA	NA	NA	156.34	18.39	137.95
MW-5A	3/3/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	160	NA	NA	NA	NA	NA	156.34	16.45	139.89
MW-5A	5/10/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	200	NA	NA	NA	NA	NA	156.34	17.42	138.92
MW-5A	9/1/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	340	<4.0	<4.0	<4.0	<10	<100	156.34	18.35	137.99
MW-5A	11/23/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	190	NA	NA	NA	<10	NA	156.34	19.03	137.31
MW-5A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	<5.0	NA	156.34	18.12	138.22
MW-5A	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	68	NA	NA	NA	<5.0	NA	156.34	16.71	139.63
MW-5A	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	17	<2.0	<2.0	<2.0	<5.0	NA	156.34	17.15	139.19
MW-5A	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	13.0	NA	NA	NA	<10.0	NA	156.34	17.87	138.47
MW-5A	2/27/2006	110 k	<0.50	<0.50	<0.50	<0.50	NA	15	NA	NA	NA	<20	NA	156.34	16.05	140.29
MW-5A	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	21.5	NA	NA	NA	<10.0	NA	156.34	16.36	139.98
MW-5A	8/14/2006	179	<0.500	<0.500	<0.500	<0.500	NA	25.3	<0.500	<0.500	<0.500	<10.0	NA	156.34	16.33	140.01
MW-5A	11/20/2006	52 k	<0.50	<0.50	<0.50	<0.50	NA	22	NA	NA	NA	<20	NA	156.34	17.56	138.78
MW-5A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	6.8	<2.0	<2.0	<2.0	<5.0	NA	156.34	16.64	139.70
MW-5A	5/14/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	7.2	NA	NA	NA	<10	NA	156.34	17.57	138.77
MW-5A	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	0.89 o	NA	NA	NA	<10	NA	156.34	20.01	136.33
MW-5A	11/12/2007	<50 m	<0.50	2.5 p	<1.0	<1.0	NA	2.2	NA	NA	NA	<10	NA	156.34	19.29	137.05

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.34	16.64	139.70
MW-5A	5/12/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.34	19.99	136.35
MW-5A	8/11/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.1	NA	NA	NA	<10	NA	156.34	22.25	134.09
MW-5A	11/10/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.34	19.92	136.42
MW-5A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.34	16.76	139.58
MW-5A	5/20/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.34	20.02	136.32
MW-5A	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.2	NA	NA	NA	<10	NA	156.34	23.14	133.20
MW-5A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.34	17.00	139.34
MW-5A	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.34	17.80	138.54
MW-5B	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.33	16.85	139.48
MW-5B	6/1/2001	86	<0.5	<0.5	<0.5	<1.5	63	NA	NA	NA	NA	NA	NA	156.33	20.60	135.73
MW-5B	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.33	18.82	137.51
MW-5B	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	NA	156.33	22.34	133.99
MW-5B	11/14/2001	<100	<1.0	<1.0	<1.0	<1.0	NA	560	NA	NA	NA	NA	NA	156.33	27.21	129.12
MW-5B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	310	NA	NA	NA	NA	NA	156.33	26.88	129.45
MW-5B	5/21/2002	<100	<1.0	<1.0	<1.0	<1.0	NA	430	NA	NA	NA	NA	NA	156.33	27.23	129.10
MW-5B	9/4/2002	<100	<1.0	<1.0	<1.0	<1.0	NA	460	NA	NA	NA	NA	NA	156.33	34.38	121.95
MW-5B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	270	NA	NA	NA	NA	NA	156.33	33.97	122.36
MW-5B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	100	NA	NA	NA	NA	NA	156.33	31.71	124.62
MW-5B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	72	NA	NA	NA	NA	NA	156.33	30.67	125.66
MW-5B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	190	NA	NA	NA	NA	NA	156.33	32.70	123.63
MW-5B	11/18/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.33	34.55	121.78
MW-5B	11/21/2003	<100	<1.0	<1.0	<1.0	<2.0	NA	240	NA	NA	NA	NA	NA	156.33	33.37	122.96
MW-5B	3/3/2004	<100	1.2	<1.0	<1.0	<2.0	NA	120	NA	NA	NA	NA	NA	156.33	31.55	124.78
MW-5B	5/10/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	160	NA	NA	NA	NA	NA	156.33	33.07	123.26
MW-5B	9/1/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	150	<4.0	<4.0	<4.0	<10	<100	156.33	36.10	120.23
MW-5B	11/23/2004	<50	<0.50	<0.50	<0.50	1.4	NA	21	NA	NA	NA	<5.0	NA	156.33	36.70	119.63
MW-5B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.33	33.54	122.79

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-5B	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	84	NA	NA	NA	5.8	NA	156.33	31.38	124.95
MW-5B	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	5.0	<2.0	<2.0	<2.0	<5.0	NA	156.33	32.54	123.79
MW-5B	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.49	NA	NA	NA	<10.0	NA	156.33	33.70	122.63
MW-5B	2/27/2006	130 k	<0.50	<0.50	<0.50	<0.50	NA	30	NA	NA	NA	<20	NA	156.33	32.48	123.85
MW-5B	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	30.6	NA	NA	NA	<10.0	NA	156.33	27.56	128.77
MW-5B	8/14/2006	238	<0.500	<0.500	<0.500	<0.500	NA	46.3	<0.500	<0.500	<0.500	<10.0	NA	156.33	27.18	129.15
MW-5B	11/20/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	4.9	NA	NA	NA	<20	NA	156.33	32.74	123.59
MW-5B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	7.3	<2.0	<2.0	<2.0	<5.0	NA	156.33	31.30	125.03
MW-5B	5/14/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	7.2	NA	NA	NA	<10	NA	156.33	32.42	123.91
MW-5B	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	35.52	120.81
MW-5B	11/12/2007	<50 m	<0.50	2.7 p	<1.0	<1.0	NA	0.91 o	NA	NA	NA	<10	NA	156.33	36.59	119.74
MW-5B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.33	33.80	122.53
MW-5B	5/12/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	34.86	121.47
MW-5B	8/11/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	35.96	120.37
MW-5B	11/10/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	37.90	118.43
MW-5B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.33	35.82	120.51
MW-5B	5/20/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	33.87	122.46
MW-5B	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	36.81	119.52
MW-5B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.33	34.55	121.78
MW-5B	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.33	34.18	122.15
MW-6A	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	15.07	142.19
MW-6A	6/1/2001	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA	NA	NA	NA	157.26	15.75	141.51
MW-6A	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	15.90	141.36
MW-6A	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	16.88	140.38
MW-6A	11/14/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	157.26	18.09	139.17
MW-6A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	18.40	138.86
MW-6A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	16.93	140.33
MW-6A	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	14.93	142.33

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-6A	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	17.01	140.25
MW-6A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	18.16	139.10
MW-6A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	157.26	17.76	139.50
MW-6A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	16.02	141.24
MW-6A	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	17.16	140.10
MW-6A	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	16.74	140.52
MW-6A	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	17.31	139.95
MW-6A	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	17.96	139.30
MW-6A	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	18.88	138.38
MW-6A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	157.26	18.53	138.73
MW-6A	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	16.23	141.03
MW-6A	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	16.74	140.52
MW-6A	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	18.58	138.68
MW-6A	2/27/2006	100 k	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	157.26	17.83	139.43
MW-6A	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	16.03	141.23
MW-6A	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	15.83	141.43
MW-6A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	0.94	<2.0	<2.0	<2.0	<5.0	NA	157.26	18.96	138.30
MW-6A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.26	18.47	138.79
MW-6A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.26	15.83	141.43
MW-6A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.26	17.24	140.02
MW-6B	5/21/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	35.61	121.65
MW-6B	6/1/2001	<50	<0.5	<0.5	<0.5	<1.5	<5	NA	NA	NA	NA	NA	NA	157.26	36.60	120.66
MW-6B	6/14/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	37.55	119.71
MW-6B	8/3/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	40.21	117.05
MW-6B	11/14/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	157.26	41.37	115.89
MW-6B	3/5/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	37.61	119.65
MW-6B	5/21/2002	<50	2.6	1.3	0.54	2.9	NA	<5.0	NA	NA	NA	NA	NA	157.26	38.83	118.43
MW-6B	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	43.56	113.70

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-6B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	42.81	114.45
MW-6B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	157.26	36.44	120.82
MW-6B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	157.26	34.00	123.26
MW-6B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	41.15	116.11
MW-6B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	41.95	115.31
MW-6B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	34.64	122.62
MW-6B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	157.26	37.07	120.19
MW-6B	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	43.36	113.90
MW-6B	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	43.13	114.13
MW-6B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	157.26	37.68	119.58
MW-6B	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	30.88	126.38
MW-6B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	37.00	120.26
MW-6B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	37.11	120.15
MW-6B	2/27/2006	81 k	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	157.26	30.99	126.27
MW-6B	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	28.37	128.89
MW-6B	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	157.26	34.40	122.86
MW-6B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	157.26	31.80	125.46
MW-6B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.26	37.04	120.22
MW-6B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.26	39.68	117.58
MW-6B	2/22/2010	65	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	157.26	34.84	122.42
MW-7A	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	16.59	141.99
MW-7A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.58	16.99	141.59
MW-7A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	8.1	NA	NA	NA	NA	NA	158.58	16.92	141.66
MW-7A	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	11	NA	NA	NA	NA	NA	158.58	17.81	140.77
MW-7A	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	61	NA	NA	NA	NA	NA	158.58	17.82	140.76
MW-7A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	51	NA	NA	NA	NA	NA	158.58	17.17	141.41
MW-7A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	23	NA	NA	NA	NA	NA	158.58	17.70	140.88
MW-7A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	11	NA	NA	NA	NA	NA	158.58	18.12	140.46

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WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-7A	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	158.58	18.03	140.55
MW-7A	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	NA	NA	158.58	16.80	141.78
MW-7A	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	19	NA	NA	NA	NA	NA	158.58	18.07	140.51
MW-7A	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	10	<2.0	<2.0	<2.0	<5.0	<50	158.58	16.77	141.81
MW-7A	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	3.5	NA	NA	NA	<5.0	NA	158.58	18.60	139.98
MW-7A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<5.0	NA	158.58	17.78	140.80
MW-7A	5/27/2005	<50 e	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	158.58	15.71	142.87
MW-7A	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	158.58	16.83	141.75
MW-7A	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	7.01	NA	NA	NA	<10.0	NA	158.58	17.43	141.15
MW-7A	2/27/2006	160 k	<0.50	<0.50	1.9	2.3	NA	<0.50	NA	NA	NA	<20	NA	158.58	15.55	143.03
MW-7A	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	<10.0	NA	158.58	15.31	143.27
MW-7A	8/14/2006	161	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	158.58	15.10	143.48
MW-7A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	158.58	15.51	143.07
MW-7A	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	18	NA	NA	NA	<10	NA	158.58	14.26	144.32
MW-7A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.58	15.70	142.88
MW-7A	8/11/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.0	NA	NA	NA	<10	NA	158.58	15.27	143.31
MW-7A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.58	14.84	143.74
MW-7A	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	3.4	NA	NA	NA	<10	NA	158.58	20.94	137.64
MW-7A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.58	15.34	143.24
MW-7A	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	158.58	17.78	140.80
MW-7B	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	37.57	121.22
MW-7B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.79	37.09	121.70
MW-7B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.79	36.84	121.95
MW-7B	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.79	42.81	115.98
MW-7B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.79	42.88	115.91
MW-7B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	7.7	NA	NA	NA	NA	NA	158.79	37.39	121.40
MW-7B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	158.79	33.05	125.74
MW-7B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	2.5	NA	NA	NA	NA	NA	158.79	37.52	121.27

TABLE 1
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-7B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.70	NA	NA	NA	NA	NA	158.79	41.47	117.32
MW-7B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	NA	NA	158.79	33.90	124.89
MW-7B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	11	NA	NA	NA	NA	NA	158.79	35.54	123.25
MW-7B	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	9.1	<2.0	<2.0	<2.0	<5.0	<50	158.79	42.12	116.67
MW-7B	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	7.1	NA	NA	NA	<5.0	NA	158.79	42.99	115.80
MW-7B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	158.79	37.76	121.03
MW-7B	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	45	NA	NA	NA	<5.0	NA	158.79	29.85	128.94
MW-7B	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	19	<2.0	<2.0	<2.0	<5.0	NA	158.79	34.53	124.26
MW-7B	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	16.6	NA	NA	NA	<10.0	NA	158.79	35.70	123.09
MW-7B	2/27/2006	100 k	<0.50	<0.50	<0.50	0.74	NA	19	NA	NA	NA	<20	NA	158.79	29.80	128.99
MW-7B	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	16.8	NA	NA	NA	<10.0	NA	158.79	26.49	132.30
MW-7B	8/14/2006	265	<0.500	<0.500	<0.500	<0.500	NA	11.8	<0.500	<0.500	<0.500	<10.0	NA	158.79	31.80	126.99
MW-7B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	<5.0	NA	158.79	30.30	128.49
MW-7B	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	8.2	NA	NA	NA	<10	NA	158.79	37.60	121.19
MW-7B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	14	<2.0	<2.0	<2.0	<10	NA	158.79	36.12	122.67
MW-7B	8/11/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	158.79	35.41	123.38
MW-7B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	<10	NA	158.79	40.81	117.98
MW-7B	8/17/2009	55	<0.50	<1.0	<1.0	<1.0	NA	20	NA	NA	NA	<10	NA	158.79	43.54	115.25
MW-7B	2/22/2010	61	<0.50	<1.0	<1.0	<1.0	NA	19	<2.0	<2.0	<2.0	<10	NA	158.79	34.35	124.44
MW-7B	8/6/2010	52	<0.50	<1.0	<1.0	<1.0	NA	32	NA	NA	NA	<10	NA	158.79	36.42	122.37
MW-8A	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	16.65	139.19
MW-8A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	6.5	NA	NA	NA	NA	NA	155.84	16.95	138.89
MW-8A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	5.2	NA	NA	NA	NA	NA	155.84	17.12	138.72
MW-8A	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	155.84	17.75	138.09
MW-8A	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	155.84	17.81	138.03
MW-8A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	155.84	17.07	138.77
MW-8A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	155.84	16.75	139.09
MW-8A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	155.84	17.45	138.39

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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-8A	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	155.84	17.90	137.94
MW-8A	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	155.84	16.23	139.61
MW-8A	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	155.84	17.50	138.34
MW-8A	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	17.89	137.95
MW-8A	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	18.52	137.32
MW-8A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	155.84	17.71	138.13
MW-8A	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	16.05	139.79
MW-8A	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	16.70	139.14
MW-8A	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	17.50	138.34
MW-8A	2/27/2006	88 k	<0.50	<0.50	<0.50	0.58	NA	<0.50	NA	NA	NA	<20	NA	155.84	16.20	139.64
MW-8A	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	15.67	140.17
MW-8A	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.84	15.13	140.71
MW-8A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	155.84	15.90	139.94
MW-8A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	155.84	15.79	140.05
MW-8A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	155.84	16.00	139.84
MW-8A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	155.84	16.42	139.42
MW-8B	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.81	38.51	117.30
MW-8B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	155.81	38.27	117.54
MW-8B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	155.81	38.80	117.01
MW-8B	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	6.1	NA	NA	NA	NA	NA	155.81	43.67	112.14
MW-8B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	155.81	43.42	112.39
MW-8B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	11	NA	NA	NA	NA	NA	155.81	38.12	117.69
MW-8B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	19	NA	NA	NA	NA	NA	155.81	34.15	121.66
MW-8B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	NA	155.81	40.03	115.78
MW-8B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	NA	155.81	42.13	113.68
MW-8B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	NA	155.81	34.90	120.91
MW-8B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	34	NA	NA	NA	NA	NA	155.81	37.33	118.48
MW-8B	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	31	<2.0	<2.0	<2.0	<5.0	<50	155.81	43.46	112.35

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-8B	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	<5.0	NA	155.81	43.77	112.04
MW-8B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	<5.0	NA	155.81	38.89	116.92
MW-8B	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	155.81	30.72	125.09
MW-8B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.81	37.39	118.42
MW-8B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.81	37.53	118.28
MW-8B	2/27/2006	110 k	<0.50	<0.50	<0.50	<0.50	NA	10	NA	NA	NA	<20	NA	155.81	29.04	126.77
MW-8B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	1.5	<2.0	<2.0	<2.0	<5.0	NA	155.81	30.91	124.90
MW-8B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	2.6	<2.0	<2.0	<2.0	<10	NA	155.81	36.85	118.96
MW-8B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	2.9	<2.0	<2.0	<2.0	<10	NA	155.81	40.73	115.08
MW-8B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	2.0	<2.0	<2.0	<2.0	<10	NA	155.81	36.15	119.66
MW-9A	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	16.02	140.37
MW-9A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.39	16.30	140.09
MW-9A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.39	16.36	140.03
MW-9A	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.39	17.93	138.46
MW-9A	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.39	17.47	138.92
MW-9A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.39	15.96	140.43
MW-9A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	156.39	15.74	140.65
MW-9A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.39	17.18	139.21
MW-9A	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.39	18.60	137.79
MW-9A	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.39	15.48	140.91
MW-9A	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.39	17.01	139.38
MW-9A	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	19.36	137.03
MW-9A	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	19.58	136.81
MW-9A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.39	18.25	138.14
MW-9A	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	15.85	140.54
MW-9A	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	16.35	140.04
MW-9A	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	16.92	139.47
MW-9A	2/27/2006	78 k	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	156.39	15.38	141.01

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-9A	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	15.04	141.35
MW-9A	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.39	14.82	141.57
MW-9A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	156.39	15.90	140.49
MW-9A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.39	16.33	140.06
MW-9A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.39	16.70	139.69
MW-9A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.39	17.58	138.81
MW-9B	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	34.35	121.95
MW-9B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.30	33.10	123.20
MW-9B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.30	34.18	122.12
MW-9B	9/4/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.30	38.44	117.86
MW-9B	11/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.30	38.14	118.16
MW-9B	2/5/2003	<50	0.97	1.4	<0.50	0.94	NA	<5.0	NA	NA	NA	NA	NA	156.30	32.97	123.33
MW-9B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	156.30	30.60	125.70
MW-9B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.30	35.37	120.93
MW-9B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.30	36.25	120.05
MW-9B	3/3/2004	<50	<0.50	0.67	<0.50	2.6	NA	<0.50	NA	NA	NA	NA	NA	156.30	32.20	124.10
MW-9B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.30	32.31	123.99
MW-9B	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	36.64	119.66
MW-9B	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	37.32	118.98
MW-9B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.30	33.45	122.85
MW-9B	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	27.23	129.07
MW-9B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	31.59	124.71
MW-9B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	32.33	123.97
MW-9B	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	156.30	28.13	128.17
MW-9B	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	24.49	131.81
MW-9B	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.30	28.75	127.55
MW-9B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	156.30	27.65	128.65
MW-9B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.30	39.88	116.42

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-9B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.30	33.73	122.57
MW-9B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.30	30.90	125.40
MW-10A	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.22	19.02	137.20
MW-10A	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.22	19.25	136.97
MW-10A	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.58	19.10	139.48
MW-10A	9/4/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	NA	NA
MW-10A	11/25/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	NA	NA
MW-10A	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.58	18.36	140.22
MW-10A	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	158.58	18.22	140.36
MW-10A	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.58	18.50	140.08
MW-10A	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.58	19.30	139.28
MW-10A	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.58	18.08	140.50
MW-10A	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.58	18.69	139.89
MW-10A	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	20.01	138.57
MW-10A	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	21.09	137.49
MW-10A	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	158.58	20.50	138.08
MW-10A	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	18.09	140.49
MW-10A	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	19.10	139.48
MW-10A	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	20.88	137.70
MW-10A	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	158.58	19.40	139.18
MW-10A	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	17.41	141.17
MW-10A	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.58	18.33	140.25
MW-10A	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	158.58	19.07	139.51
MW-10A	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.58	20.85	137.73
MW-10A	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.58	20.77	137.81
MW-10A	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.58	20.29	138.29
MW-10B	1/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.11	40.14	115.97

TABLE 1
WELL CONCENTRATIONS
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San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-10B	2/13/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	156.11	39.72	116.39
MW-10B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.79	39.54	119.25
MW-10B	9/4/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	NA	NA
MW-10B	11/25/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	NA	NA
MW-10B	2/5/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	158.79	39.74	119.05
MW-10B	5/15/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	158.79	38.75	120.04
MW-10B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.79	40.49	118.30
MW-10B	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.79	42.75	116.04
MW-10B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.79	36.25	122.54
MW-10B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	158.79	37.35	121.44
MW-10B	9/1/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	43.10	115.69
MW-10B	11/23/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	44.32	114.47
MW-10B	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	158.79	40.68	118.11
MW-10B	5/27/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	31.79	127.00
MW-10B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	37.76	121.03
MW-10B	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	38.35	120.44
MW-10B	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	158.79	31.98	126.81
MW-10B	5/15/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	29.07	129.72
MW-10B	8/14/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.79	35.33	123.46
MW-10B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	158.79	33.13	125.66
MW-10B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.79	38.81	119.98
MW-10B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.79	42.41	116.38
MW-10B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	158.79	36.18	122.61

E-1	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.04	NA
E-1	5/21/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1,700	NA	NA	NA	NA	NA	NA	18.18	NA
E-1	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.17	NA
E-1	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.10	NA
E-1	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.02	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
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San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-1	8/5/2003	<50	<0.50	<0.50	<0.50	2.2	NA	120	NA	NA	NA	NA	NA	NA	15.76	NA
E-1	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.50	30.15	126.35
E-1	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.50	29.70	126.80
E-1	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.50	30.15	126.35
E-1	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<50	156.50	29.49	127.01
E-1	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.50	30.47	126.03
E-1	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.27	NA	NA
E-1	3/31/2005	<500	<5.0	<5.0	<5.0	<10	NA	760	NA	NA	NA	<50	NA	156.27	14.93	141.34
E-1	5/27/2005	<100	<1.0	<1.0	<1.0	<2.0	NA	240	NA	NA	NA	22	NA	156.27	15.63	140.64
E-1	8/9/2005	<500	<5.0	<5.0	<5.0	<10	NA	870	<20	<20	<20	<50	NA	156.27	15.35	140.92
E-1	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	161	NA	NA	NA	<10.0	NA	156.27	17.79	138.48
E-1	2/27/2006	400 k	<2.5	<2.5	<2.5	4.2	NA	330	NA	NA	NA	<100	NA	156.27	16.12	140.15
E-1	5/15/2006	995	<0.500	<0.500	<0.500	<0.500	NA	523	NA	NA	NA	<10.0	NA	156.27	14.62	141.65
E-1	8/14/2006	826	<0.500	<0.500	<0.500	<0.500	NA	586	<0.500	<0.500	<0.500	<10.0	NA	156.27	15.28	140.99
E-1	11/20/2006	150	<2.5	<2.5	<2.5	<2.5	NA	230	<2.5	<2.5	<2.5	<100	<500	156.27	16.94	139.33
E-1	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	12	<2.0	<2.0	<2.0	<5.0	NA	156.27	16.88	139.39
E-1	5/14/2007	94 m,n	<0.50	<1.0	<1.0	<1.0	NA	150	NA	NA	NA	<10	NA	156.27	17.11	139.16
E-1	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	1.1	NA	NA	NA	<10	NA	156.27	18.29	137.98
E-1	11/12/2007	120 m,n	<0.50	2.8 p	<1.0	<1.0	NA	160	NA	NA	NA	<10	NA	156.27	18.86	137.41
E-1	2/25/2008	140 m,n	<0.50	<1.0	<1.0	<1.0	NA	210	<2.0	<2.0	<2.0	<10	NA	156.27	17.32	138.95
E-1	5/12/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	11	NA	NA	NA	<10	NA	156.27	19.41	136.86
E-1	8/11/2008	83	<0.50	<1.0	<1.0	<1.0	NA	79	NA	NA	NA	<10	NA	156.27	19.26	137.01
E-1	11/10/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	10	NA	NA	NA	<10	NA	156.27	19.05	137.22
E-1	2/19/2009	850	<1.0	<2.0	<2.0	<2.0	NA	700	<4.0	<4.0	<4.0	<20	NA	156.27	15.31	140.96
E-1	5/20/2009	65	<0.50	<1.0	<1.0	<1.0	NA	35	NA	NA	NA	<10	NA	156.27	19.02	137.25
E-1	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.5	NA	NA	NA	<10	NA	156.27	20.49	135.78
E-1	2/22/2010	490	<2.5	<5.0	<5.0	<5.0	NA	420	<10	<10	<10	<50	NA	156.27	16.42	139.85
E-1	8/6/2010	61	<0.50	<1.0	<1.0	<1.0	NA	56	NA	NA	NA	<10	NA	156.27	18.70	137.57

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-1B	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37.55	NA
E-1B	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	39.28	NA
E-1B	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.84	NA
E-1B	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.79	NA
E-1B	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.15	NA
E-1B	8/5/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	32.10 c	NA
E-1B	11/18/2003	100 d	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.53	41.24	115.29
E-1B	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.53	29.90	126.63
E-1B	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.53	29.98	126.55
E-1B	9/1/2004	Well Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.53	36.80 c	NA
E-1B	11/23/2004	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.53	42.31	114.22
E-1B	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.53	NA	NA
E-1B	3/31/2005	<50 e	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.53	31.95	124.58
E-1B	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.53	30.12	126.41
E-1B	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.53	36.32	120.21
E-1B	11/21/2005 b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.53	NA	NA
E-1B	02/27/2006 b	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	156.53	NA	NA
E-1B	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	156.53	31.12	125.41
E-1B	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.53	36.75	119.78
E-1B	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.53	39.34	117.19
E-1B	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.53	34.10	122.43
E-2	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.28	NA
E-2	5/21/2002	<1,000	<10	<10	<10	<10	NA	6,000	NA	NA	NA	NA	NA	NA	18.88	NA
E-2	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.06	NA
E-2	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.24	NA
E-2	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.20 c	NA
E-2	8/5/2003	<100	<1.0	<1.0	<1.0	<2.0	NA	280	NA	NA	NA	NA	NA	NA	17.12	NA
E-2	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.30	30.28	126.02

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-2	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.30	29.20	127.10
E-2	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.94	NA	NA	NA	NA	NA	156.30	30.38	125.92
E-2	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<50	156.30	29.42	126.88
E-2	11/23/2004	<50 e	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.30	30.42	125.88
E-2	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	<5.0	NA	156.07	17.86	138.21
E-2	5/27/2005	<200	<2.0	<2.0	<2.0	<4.0	NA	330	NA	NA	NA	25	NA	156.07	15.81	140.26
E-2	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	200	<2.0	<2.0	<2.0	6.9	NA	156.07	16.88	139.19
E-2	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	140	NA	NA	NA	<10.0	NA	156.07	18.63	137.44
E-2	2/27/2006	650 k	<5.0	<5.0	<5.0	<5.0	NA	570	NA	NA	NA	<200	NA	156.07	16.24	139.83
E-2	5/15/2006	677	<0.500	<0.500	<0.500	<0.500	NA	379	NA	NA	NA	23.5	NA	156.07	16.23	139.84
E-2	8/14/2006	912	<0.500	<0.500	<0.500	<0.500	NA	488	<0.500	<0.500	<0.500	<10.0	NA	156.07	15.62	140.45
E-2	11/20/2006	<500/95 l	<0.500	<0.500	<0.500	<0.500	NA	120	NA	NA	NA	<20	NA	156.07	17.41	138.66
E-2	2/12/2007	88	<0.50	<0.50	<0.50	<1.0	NA	55	<2.0	<2.0	<2.0	<5.0	NA	156.07	16.01	140.06
E-2	5/14/2007	54 m,n	<0.50	<1.0	<1.0	<1.0	NA	71	NA	NA	NA	<10	NA	156.07	17.89	138.18
E-2	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	60	NA	NA	NA	14	NA	156.07	20.02	136.05
E-2	11/12/2007	<50 m	<0.50	2.6 p	<1.0	<1.0	NA	1.3	NA	NA	NA	<10	NA	156.07	22.97	133.10
E-2	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	42	<2.0	<2.0	<2.0	<10	NA	156.07	16.82	139.25
E-2	5/12/2008	88	<0.50	<1.0	<1.0	<1.0	NA	92	NA	NA	NA	<10	NA	156.07	20.12	135.95
E-2	8/11/2008	490	<0.50	6.5	4.3	63	NA	<1.0	NA	NA	NA	<10	NA	156.07	28.00	128.07
E-2	11/10/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.07	27.65	128.42
E-2	2/19/2009	330	<0.50	<1.0	<1.0	<1.0	NA	270	<2.0	<2.0	<2.0	<10	NA	156.07	15.67	140.40
E-2	5/20/2009	200	<1.0	<2.0	<2.0	<2.0	NA	170	NA	NA	NA	<20	NA	156.07	19.55	136.52
E-2	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.07	28.02	128.05
E-2	2/22/2010	210	<0.50	<1.0	<1.0	<1.0	NA	210	<2.0	<2.0	<2.0	<10	NA	156.07	17.43	138.64
E-2	8/6/2010	88	<0.50	<1.0	<1.0	<1.0	NA	97	NA	NA	NA	<10	NA	156.07	17.14	138.93
E-3	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.47	NA
E-3	5/21/2002	<5,000	<50	<50	<50	<50	NA	33,000	NA	NA	NA	NA	NA	NA	19.75	NA
E-3	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.29	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
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San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-3	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.49	NA
E-3	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.75 c	NA
E-3	8/5/2003	<50,000	<500	<500	<500	<1,000	NA	30,000	NA	NA	NA	NA	NA	NA	18.68	NA
E-3	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	86	NA	NA	NA	NA	NA	156.10	29.08	127.02
E-3	3/3/2004	<1,000	<10	<10	<10	<20	NA	3,100	NA	NA	NA	NA	NA	156.10	28.58	127.52
E-3	5/10/2004	<1,000	<10	<10	<10	<20	NA	2,500	NA	NA	NA	NA	NA	156.10	29.22	126.88
E-3	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.9	<2.0	<2.0	<2.0	<5.0	<50	156.10	29.28	126.82
E-3	11/23/2004	<100	<1.0	<1.0	<1.0	<2.0	NA	270	NA	NA	NA	29	NA	156.10	29.05	127.05
E-3	2/9/2005	Unable to access		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.87	NA	NA
E-3	3/31/2005	<50 e	<0.50	<0.50	<0.50	<1.0	NA	130	NA	NA	NA	<5.0	NA	155.87	13.39	142.48
E-3	5/27/2005	<100	<1.0	<1.0	<1.0	<2.0	NA	240	NA	NA	NA	24	NA	155.87	14.77	141.10
E-3	8/9/2005	<1,300	<13	<13	<13	<25	NA	1,800	<50 f	<50 f	<50	190	NA	155.87	15.71	140.16
E-3	11/21/2005	3,610	<0.500	<0.500	<0.500	<0.500	NA	2,980	NA	NA	NA	27.2	NA	155.87	17.92	137.95
E-3	2/27/2006	610 k	<0.50	<0.50	<0.50	<0.50	NA	1,300 h	NA	NA	NA	<20	NA	155.87	11.22	144.65
E-3	5/15/2006	443	<0.500	<0.500	<0.500	<0.500	NA	266	NA	NA	NA	<10.0	NA	155.87	15.06	140.81
E-3	8/14/2006	815	<0.500	<0.500	<0.500	<0.500	NA	373	<0.500	<0.500	<0.500	<10.0	NA	155.87	14.90	140.97
E-3	11/20/2006	1,000 l	<10	<10	<10	<10	NA	1,300	NA	NA	NA	<400	NA	155.87	16.41	139.46
E-3	2/12/2007	630	<0.50	<0.50	<0.50	<1.0	NA	640	<2.0	<2.0	<2.0	<5.0	NA	155.87	13.20	142.67
E-3	5/14/2007	310 m,n	<0.50	<1.0	<1.0	<1.0	NA	730	NA	NA	NA	<10	NA	155.87	18.00	137.87
E-3	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	520	NA	NA	NA	180	NA	155.87	20.42	135.45
E-3	11/12/2007	230 m,n	<0.50	0.35 o,p	<1.0	0.20 o,p	NA	320	NA	NA	NA	<10	NA	155.87	13.47	142.40
E-3	2/25/2008	56 m,n	<0.50	<1.0	<1.0	<1.0	NA	70	<2.0	<2.0	<2.0	<10	NA	155.87	13.95	141.92
E-3	5/12/2008	230	<0.50	<1.0	<1.0	<1.0	NA	220	NA	NA	NA	<10	NA	155.87	20.10	135.77
E-3	8/11/2008	<50	<0.50	<1.0	<1.0	1.1	NA	1.2	NA	NA	NA	<10	NA	155.87	29.68	126.19
E-3	11/10/2008	120	<0.50	<1.0	<1.0	<1.0	NA	100	NA	NA	NA	<10	NA	155.87	19.10	136.77
E-3	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	11	<2.0	<2.0	<2.0	<10	NA	155.87	12.34	143.53
E-3	5/20/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	7.2	NA	NA	NA	<10	NA	155.87	23.19	132.68
E-3	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	155.87	30.94	124.93
E-3	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	17	<2.0	<2.0	<2.0	<10	NA	155.87	18.50	137.37

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-3	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	1.1	NA	NA	NA	<10	NA	155.87	28.60	127.27
E-4	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.10	NA
E-4	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	1.6	NA	NA	NA	NA	NA	NA	31.74	NA
E-4	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.58	NA
E-4	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	b	NA
E-4	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.80 c	NA
E-4	8/5/2003	<50	<0.50	<0.50	<0.50	3.2	NA	1.5	NA	NA	NA	NA	NA	NA	12.80 c	NA
E-4	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	155.04	31.62	123.42
E-4	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.2	NA	NA	NA	NA	NA	155.04	28.75 c	NA
E-4	5/10/2004	Well Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.04	NA	NA
E-4	9/1/2004	Well Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.04	29.95 c	NA
E-4	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	155.04	32.55	122.49
E-4	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	62	NA	NA	NA	<5.0	NA	154.85	32.06	122.79
E-4	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.72	NA	NA	NA	<5.0	NA	154.85	24.14	130.71
E-4	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.85	31.35	123.50
E-4	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.85	32.05	122.80
E-4	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50 g	NA	NA	NA	<20	NA	154.85	21.10	133.75
E-4	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	154.85	24.30	130.55
E-4	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	154.85	27.49	127.36
E-4	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	154.85	29.60	125.25
E-4	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	154.85	28.10	126.75
E-5	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.38	NA
E-5	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	18.65	NA
E-5	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.18	NA
E-5	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.93	NA
E-5	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.30 c	NA
E-5	8/5/2003	58 d	<0.50	<0.50	<0.50	1.8	NA	<0.50	NA	NA	NA	NA	NA	NA	17.14	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-5	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.07	29.84	126.23
E-5	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.07	30.00	126.07
E-5	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.07	31.23	124.84
E-5	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<50	156.07	30.68	125.39
E-5	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.07	31.26	124.81
E-5	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	155.82	17.20	138.62
E-5	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	155.82	15.37	140.45
E-5	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.82	16.18	139.64
E-5	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.82	17.11	138.71
E-5	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	155.82	15.64	140.18
E-5	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	155.82	15.16	140.66
E-5	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	155.82	14.91	140.91
E-5	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	155.82	14.41	141.41
E-5	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	155.82	16.23	139.59
E-6	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.27	NA
E-6	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	2.0	NA	NA	NA	NA	NA	NA	17.48	NA
E-6	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.02	NA
E-6	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	b	NA
E-6	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.75 c	NA
E-6	8/5/2003	<50	<0.50	<0.50	<0.50	1.5	NA	<0.50	NA	NA	NA	NA	NA	NA	18.33	NA
E-6	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.59	31.18	125.41
E-6	3/3/2004	<50	<0.50	0.51	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.59	31.15	125.44
E-6	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.59	31.44	125.15
E-6	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	<50	156.59	29.48	127.11
E-6	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.59	31.62	124.97
E-6	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.36	17.89	138.47
E-6	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	<5.0	NA	156.36	15.23	141.13
E-6	8/9/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.36	15.82	140.54

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San Jose, CA

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E-6	11/21/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.36	17.95	138.41
E-6	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	<20	NA	156.36	15.34	141.02
E-6	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	156.36	13.35	143.01
E-6	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.36	13.60	142.76
E-6	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.36	13.30	143.06
E-6	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.36	14.05	142.31
E-7	4/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.44	NA
E-7	5/21/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	54	NA	NA	NA	NA	NA	NA	18.48	NA
E-7	9/4/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.87	NA
E-7	2/5/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.04	NA
E-7	5/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.50 c	NA
E-7	8/5/2003	<1,300	<13	<13	<13	<25	NA	1,200	NA	NA	NA	NA	NA	NA	18.31	NA
E-7	11/18/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.56	28.92	127.64
E-7	3/3/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	156.56	28.78	127.78
E-7	5/10/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	53	NA	NA	NA	NA	NA	156.56	29.12	127.44
E-7	9/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<50	<2.0	<2.0	<2.0	<5.0	<50	156.56	28.13	128.43
E-7	11/23/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.64	NA	NA	NA	<5.0	NA	156.56	29.20	127.36
E-7	2/9/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	150	NA	NA	NA	<5.0	NA	156.32	18.24	138.08
E-7	5/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	97	NA	NA	NA	5.3	NA	156.32	14.60	141.72
E-7	8/9/2005 f	<50	<0.50	<0.50	<0.50	<1.0	NA	50	<2.0	<2.0	<2.0	<5.0	NA	156.32	14.53	141.79
E-7	11/21/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	6.74	NA	NA	NA	<10.0	NA	156.32	17.33	138.99
E-7	2/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	54	NA	NA	NA	<20	NA	156.32	15.96	140.36
E-7	5/15/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	19.2	NA	NA	NA	<10.0	NA	156.32	15.03	141.29
E-7	8/14/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	8.19	<0.500	<0.500	<0.500	<10.0	NA	156.32	14.24	142.08
E-7	2/12/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	8.9	<2.0	<2.0	<2.0	<5.0	NA	156.32	13.79	142.53
E-7	8/6/2007	<50 m	<0.50	<1.0	<1.0	<1.0	NA	4.1	NA	NA	NA	<10	NA	156.32	19.23	137.09
E-7	2/25/2008	<50 m	<0.50	<1.0	<1.0	<1.0	NA	2.7	<2.0	<2.0	<2.0	<10	NA	156.32	13.93	142.39
E-7	8/11/2008	69	<0.50	1.0	<1.0	8.7	NA	1.0	NA	NA	NA	<10	NA	156.32	20.70	135.62

TABLE 1
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Shell-branded Service Station
3939 Snell Avenue
San Jose, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
E-7	2/19/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.32	12.63	143.69
E-7	8/17/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.6	NA	NA	NA	<10	NA	156.32	21.12	135.20
E-7	2/22/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	NA	156.32	13.85	142.47
E-7	8/6/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	NA	156.32	18.60	137.72

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to August 3, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to August 3, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

**TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
3939 Snell Avenue
San Jose, CA**

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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Notes:

- a = Concentration is an estimate because the result was above the instrument calibration range.
 - b = Depth to water not available due to obstruction by pump.
 - c = Depth to top of pump.
 - d = Hydrocarbon does not match pattern of laboratory's standard.
 - e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
 - f = Sample(s) extracted/analyzed out of holding time.
 - g = Sample was originally analyzed within the EPA recommended hold time but QA/QC criteria was outside limits. Re-analysis was performed past the recommended hold time.
 - h = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.
 - i = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.
 - j = The sample aliquot was taken from a VOA vial with headspace (air bubble greater than 6mm diameter) which may have resulted in the loss of volatile analytes.
 - k = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
 - l = Hydrocarbon result partly due to individual peak(s) in quantitation range.
 - m = Analyzed by EPA Method 8015B (M).
 - n = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
 - o = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
 - p = Analyte was present in the associated method blank.
- Ethanol analyzed by EPA Method 8260B.
- Wells MW-1, MW-2, and MW-3 surveyed June 22, 1999 by PLS Surveys, Inc.
- Wells MW-3A through MW-5B surveyed June 1, 2001 by PLS Surveys, Inc.
- Wells MW-1B, MW-2B, and MW-7A through MW-10B surveyed January 10, 2002 by PLS Surveys, Inc.
- Wells E-1 through E-7 surveyed October 7, 2003 by PLS Surveys, Inc.
- Well MW-3 was destroyed in 2001 and replaced with wells MW-3A and MW-3B.
- 1st Quarter 2005 survey data for wells E-1 through E-7 provided by Toxichem Management Systems, Inc.

Shell
3939 Snell Ave.
07S1E34R04f

Attachment 5
Public Participation

In accordance with the DEH's Public Participation Plan, public notification was made to all identified interested parties on September 4, 2014. The DEH allowed 60 days for public comment. The DEH received no comments during the comment period.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

1800 HARRISON STREET, SUITE 700
OAKLAND, CA 94612

Phone: Area Code 415
464-1335



12/13 BAA
DJC
SNH

December 7, 1990
UST File (PLS)

Mr. Jack Brastad
Shell Oil Company
P.O. Box 5500
San Bruno, CA 94066

Re: Shell Station, 3939 Snell Avenue, San Jose, Santa Clara County
Site Code: 93S

Dear Mr. Brastad:

The Santa Clara Valley Water District has submitted a report which summarizes the investigation and cleanup of fuel hydrocarbon pollution at the above referenced site, and recommends that the case be closed. Regional Board staff have reviewed this report and concur with this recommendation. Therefore, based on available information, it appears that further investigation and cleanup of fuel hydrocarbons is not necessary. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions, please contact Penny L. Silzer of my staff at (415) 464-1331.

Sincerely,

Steven R Ritchie
Executive Officer

cc: SCVWD, Belinda Allen
SWRCB, Sandy Malos

San Jose Fire Department
Attn: Mr. Dan Firth
4 North Second Street, Suite 1100
San Jose, CA 95113-1305

15:1d 01 030 06. 7292
DEC 13 P 1:37

November 26, 1990 C12/7/90

Mr. Don Dalke
Regional Water Quality Control Board
1800 Harrison Street, Suite 700
Oakland, CA 94612

Dear Mr. Dalke:

Subject: Case Closure for Site Code 93S

I am pleased to submit to you the District's case closure recommendation for Shell Service Station, 3939 Snell Avenue, San Jose. Based on available information, the District believes this site does not appear to pose a threat to groundwater.

Please contact me with any questions or concerns as you proceed with the resolution of these cases.

Sincerely,

ORIGINAL SIGNED BY

David J. Chesterman
Supervising Engineer
Groundwater Protection Division

Enclosure: Case Closure Recommendation

cc: Regional Water Quality Control Board
Attention: Ms. Penny Silzer
1800 Harrison Street
Oakland, CA 94612

San Jose Fire Department (w/attachment)
Attention: Mr. Dan Firth
4 North Second Street, Suite 1100
San Jose, CA 95113-1305

Mr. Jack Brastad
Shell Oil Company
P.O. Box 5500
San Bruno, CA 94066

R. Esau, R. Smith, R. James, D. Chesterman, B. Allen w/attachments, D. Drury w/attachments,
L. Dion (casehandler) w/attachments, Read, File

DJC:LD:co:L8191e.CA

SANTA CLARA VALLEY WATER DISTRICT
CASE CLOSURE RECOMMENDATION
SHELL SERVICE STATION
3939 SNELL AVENUE, SAN JOSE
NOVEMBER 15, 1990

INTRODUCTION

The purpose of this Preliminary Site Assessment (PSA) is to provide the basis of our recommendation for case closure of the subject site. This report includes a description of the site history and an evaluation of the site investigation results and tank closure actions.

SITE HISTORY

The Shell Service Station is located at 3939 Snell Avenue, San Jose, CA, at Capitol Expressway (see Attachment 1).

The current owner of the site is: Shell Oil Company
P.O. Box 5500
San Bruno, CA 94066

The owner's contact is: Jack Brastad
P.O. Box 5500
San Bruno, CA 94066
(415) 737-2222

The current consultant is: Paul Graff
Environmental Science & Engineering Inc
597 Center Avenue, Suite 350
Martinez, CA 94553
(415) 372-3637

The former consultant was: Mardo Kaprealian
Kaprealian Engineering, Inc.
P.O. Box 913
Benicia, CA 94510
(415) 676-9100

The service station is currently used as a retail gas outlet.

On May 21, 1987 one 550 gallon waste oil tank was excavated and replaced with a 550 gallon double containment tank. On August 18 and 19, 1987 three underground gasoline storage tanks were excavated and replaced with three new double containment tanks. Soil contamination ranging from nondetectable to 7.8 ppm TPH as gasoline (g) was detected beneath the tanks.

The San Jose Fire Department filed an Underground Storage Tank Unauthorized Release (Leak) Contamination Site Report (URF) with the San Francisco Bay Area Regional Water Quality Control Board on April 29, 1988.

The Santa Clara Valley Water District began agency oversight of this site in September of 1989. District staff conducted a site inspection on October 13, 1989 to verify information evaluated in this recommendation.

The surrounding land use is primarily commercial. The site is located in a medium-high groundwater sensitivity area, ranked as 3 on a scale of 1 to 4 with 4 being the highest sensitivity. Guadalupe River is located approximately 4 miles west of the site. Canoas Creek is located approximately 2 miles west of the site. Coyote Creek is located approximately 3.5 miles east of the site. There are seven water supply wells within a 0.5 mile radius of the site. Five are active municipal, industrial and agricultural wells and two are inactive domestic and agricultural wells. There are also thirty seven monitoring wells within 0.5 miles of the site.

CASE CLOSURE EVALUATION

This section will provide a brief description and evaluation of the investigation accomplished, beneficial uses identified, immediate source removal and preliminary characterization of the soil pollution.

Investigative Methods Used

On May 21, 1987, a 16 year old steel 550 gallon waste oil tank was removed. Blaine Tech Services collected two soil samples from the center of the pit, sample #1 at 8 feet below ground surface (bgs) and sample #2 at 13 feet bgs (see Attachment 2). Soil samples were appropriately collected and analyzed. Sample #1 was analyzed for TPHd EPA Method 3550/8015, TOG Standard Method 503E and VOC's EPA Method 8010/8020. Sample #2 was not analyzed. Sample analysis was performed by Sequoia Analytical Laboratory which is certified to analyze hazardous chemicals by the Department of Health Services (DHS).

Kaprealian Engineering, Inc. conducted a soil investigation on August 18, 19 and 20, 1987 during the removal of three 16 year old steel underground gasoline storage tanks (2 - 8000 gallons and 1 - 10,000 gallons) from the site. Field sampling was undertaken in accordance with State and local enforcement agency guidelines. Russell Hayden, of the San Jose Fire Department was present during tank excavation and soil sampling of tanks B and C (see Attachment 3) on August 19, 1987. The fuel tanks appeared to be in good condition (Kaprealian Report - August 14, 1987). The depth of the fuel tank pit was approximately 12 feet below ground surface (bgs). A total of four soil samples were collected from beneath the tanks, after the tanks were removed, at a depth of approximately 14 feet.

On August 20, 1987, two soil samples were collected from beneath Tank A (see Attachment 3) at a depth of approximately 14 feet.

The samples from the August 1987 investigation were analyzed by Sequoia Analytical Laboratory. Chain of custody procedures were

followed. The soil samples were analyzed for Total Hydrocarbons as Gasoline (TPHg) and Benzene, Toluene and Xylenes (BTX) by EPA method of analysis 5020/8015/8020.

Local and Regional Hydrogeology

Groundwater is found at 20 feet below grade (SCVWD well logs for wells no. 07S1E34J01A and 07S1E34J02A, well logs available upon request). These wells are located across the street from the site. At 14 feet below ground surface (bgs) the lithology is a brown clay with some silt. The SCVWD well logs in the general area (07S1E34J01A and 07S1E34J02A) indicate silty clays and clay from three inches to 20 feet bgs, sand from 20 to 25.5 feet bgs and clay from 25.5 to 46.5 feet bgs. This suggests the probability of clay rich deposits immediately beneath the tanks.

Extent of Soil Contamination

The soil sample collected beneath the waste oil tank had nondetectable results. Laboratory detection limits were as follows: 50 ppb for VOC's (except for acrolein and acrylonitrile which had a detection limit of 10,000 ppb), 30 ppm for TOG and 1.0 ppm for TPHd.

Soil contamination beneath the gasoline tank complex ranged from nondetectable to 7.8 ppm TPHg, nondetectable to 1.2 ppm Benzene, nondetectable to .25 ppm Toluene, and nondetectable to .16 ppm Xylenes. The detection limit for TPHg was 1 ppm and 0.1 ppm for BTX.

Extent of Groundwater Pollution

No groundwater was encountered during the investigation.

Beneficial Uses

The existing and potential beneficial uses of the groundwater aquifer underlying the site include water supply for municipal, industrial and agricultural wells.

Tank and Immediate Source Removal or Remediation

The waste oil tank was removed and replaced with a double walled fiber glass tank on May 21, 1987. The gasoline tanks were removed during the period of August 18th, 19th and 20th and replaced with double walled fiberglass tanks.

Remediation performed and Options Evaluated

No remediation was necessary based on the available information regarding the minimal contamination found.

Free Product Removal


Free product was not found at the site.

Verification Monitoring Program


No verification monitoring was necessary.

STAFF RECOMMENDATIONS


This case should be considered for case closure. The reported highest contamination of 7.8 ppm TPHg is minor and does not warrant additional investigation or remediation. The presence of clay under the tank would be sufficient to minimize vertical migration of the gasoline and the tank condition was reported to be good.


Louise Dion
Water Resource Technician

11/26/90
Date

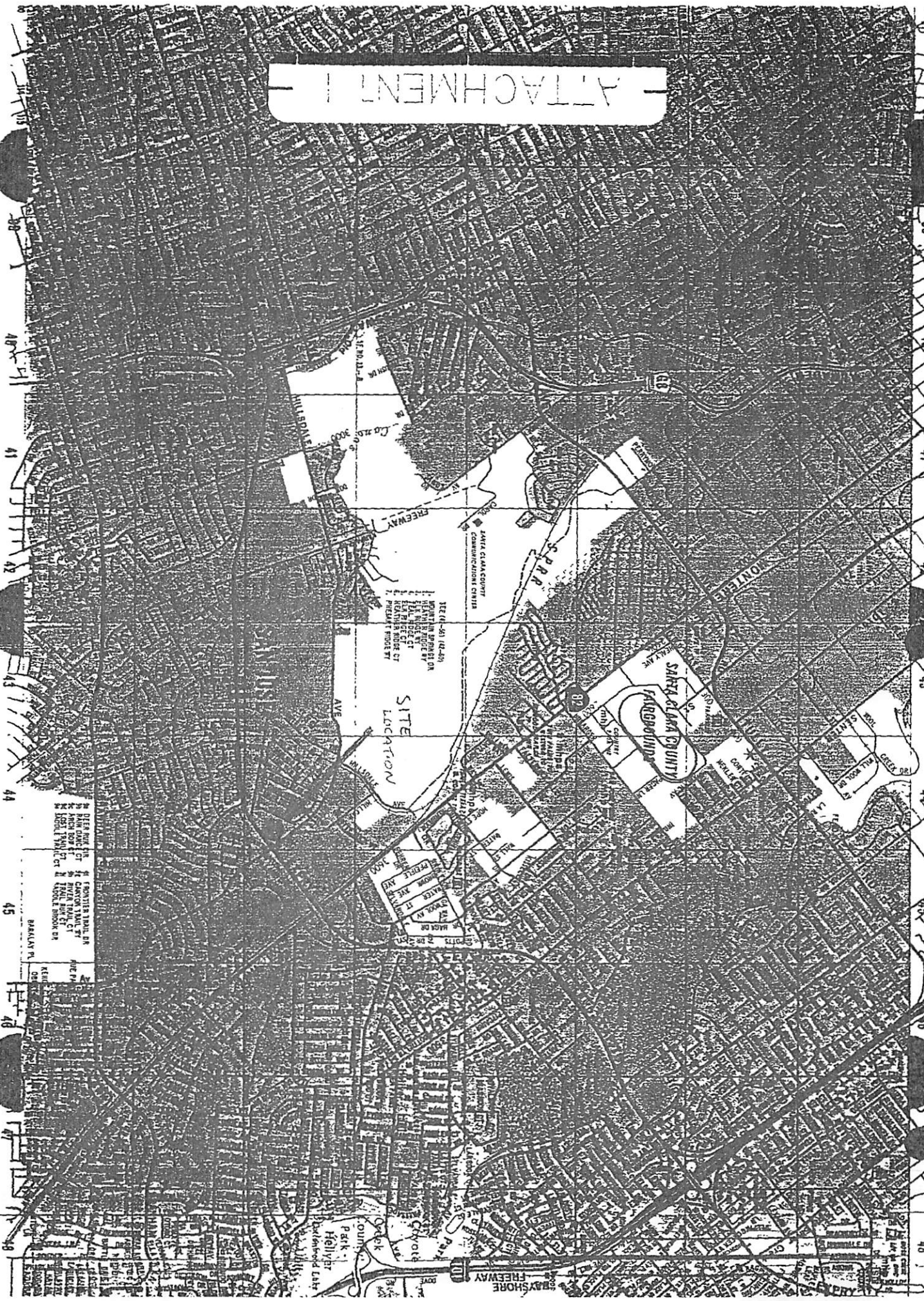

Belinda Allen
Associate Civil Engineer

11/20/90
Date


David Chesterman
Division Engineer

11/27/90
Date

ATTACHMENT I

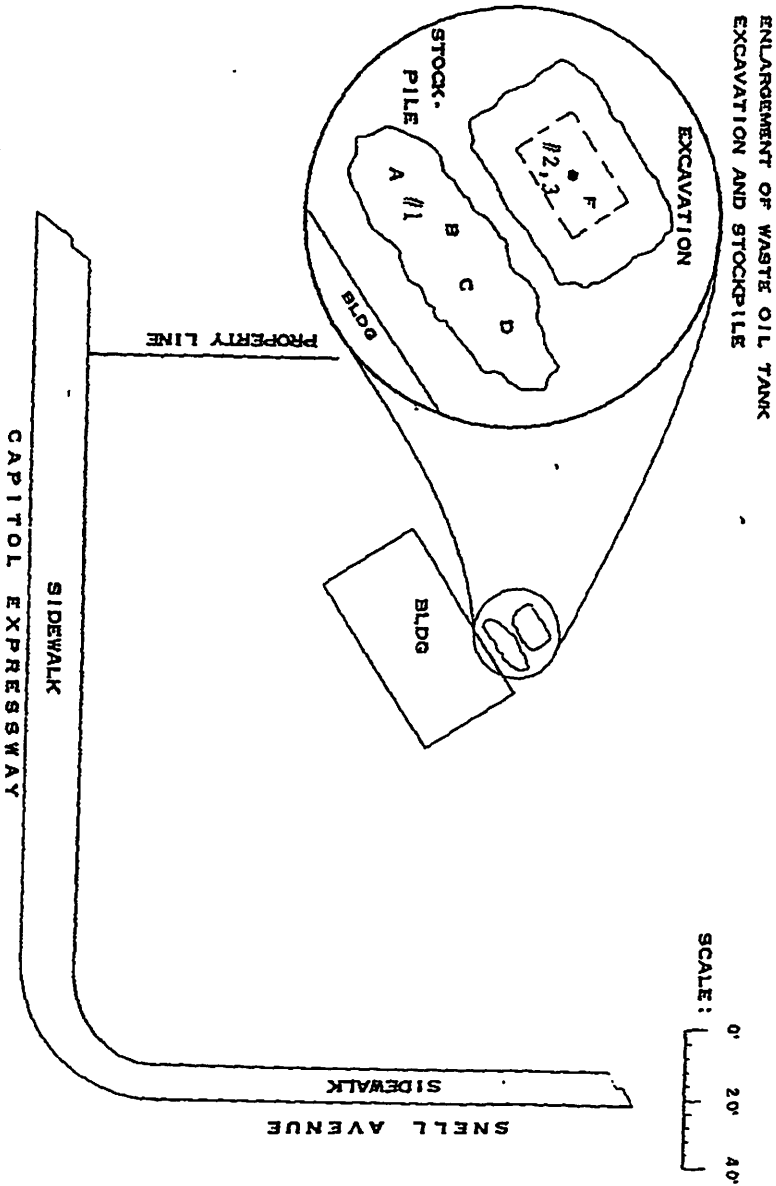


1. HEAVENLY PROPERTIES
2. S. J. N. INC.
3. EAST BAY CT
4. NORTON ROAD CT
5. PEBBLE BROOK ST
- 1224-420 (2-2-43)
1224-420 (2-2-43)
1224-420 (2-2-43)
1224-420 (2-2-43)
1224-420 (2-2-43)

1. DEER HAVEN CT
2. PAIN COURT CT
3. WEST TOWN CT
4. MONTESSA TOWN DR
5. GANTON TOWN ST
6. TOWN HALL CT
7. TOWN & BROOK ST

8. BASKIN R.
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48. BASKIN R.

BLAINE
TECH SERVICES INC SAMPLING REPORT 071A1M1 5-21-87 SHELL OIL, 3939 SNELL AVENUE, SAN JOSE, CA.



SCALE: 0' 20' 40'

MAP REF: THOMAS BROS. COUNTY
SAN JOSE, CALIF. 95131
LEGEND: F = FILL END

- #1 STOCKPILE SOIL COMPOSITE AT SAMPLE POINTS A-D AT 1' ANALYSIS FOR TOTAL LEAD (TLC), SOLUBLE LEAD (STLC), ORGANIC LEAD, AND FLASHPOINT AT BERUOIA ANALYTICAL LABORATORY BERUOIA LAB NO. 7031457
 - #2 SOIL FROM 8' ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS (TPH) - HIGH BOILING FRACTION, TOTAL OIL AND GREASE (TOG), EPA 8010, AND EPA 8020 BERUOIA LAB NO. 7081458
 - #3 SOIL FROM 13' PLACED ON HOLD
- NOTE: AFTER OBTAINING THE INTERFACE SAMPLE, THE PIT WAS EXCAVATED TO A DEPTH OF 13'



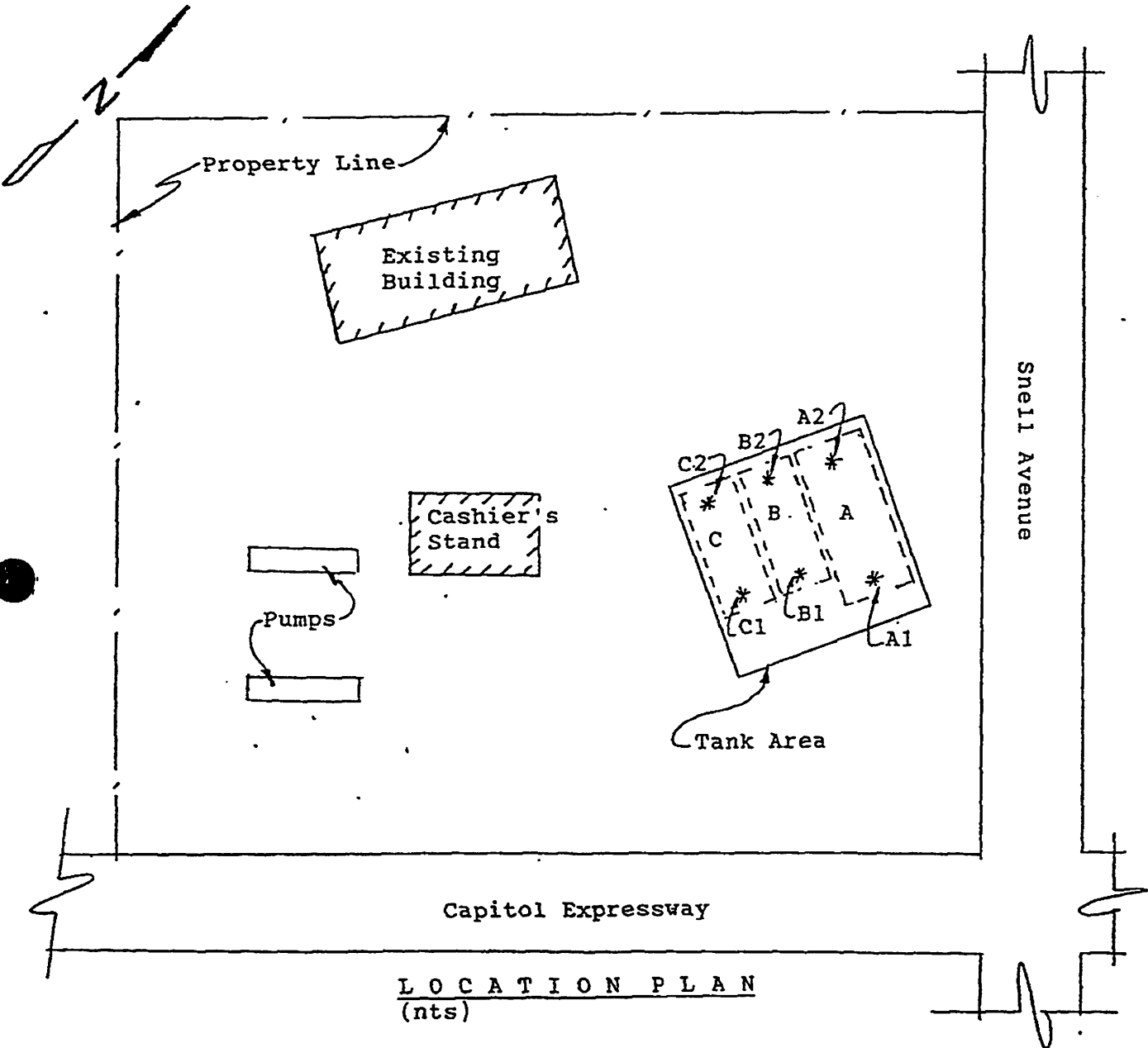
KAPREALIAN ENGINEERING, INC.

Consulting Engineers

P. O. BOX 913

BENICIA, CA 94510

(415) 676-9100 (707) 746-6915



LOCATION PLAN
(nts)

* Sample Location

SHELL Service Station
3939 Snell Avenue
San Jose, California

One-Mile Radius Regulatory Database Report

Public Storage

231 W Capitol Expressway
San Jose, CA 95136

January 26, 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

231 W CAPITOL EXPRESSWAY
SAN JOSE, CA 95136

COORDINATES

Latitude (North): 37.2770180 - 37° 16' 37.26"
Longitude (West): 121.8437450 - 121° 50' 37.48"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 602509.0
UTM Y (Meters): 4126026.2
Elevation: 158 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640414 SAN JOSE EAST, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140606
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
231 W CAPITOL EXPRESSWAY
SAN JOSE, CA 95136

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1		3911 SNELL AVE	CDL		TP
A2	WARREN PENDERGRAFT	3939 SNELL AVE	HIST UST	Higher	314, 0.059, East
A3	CAPITOL VALERO	3939 SNELL AVE	UST	Higher	314, 0.059, East
A4	WARRENS SHELL SERVIC	3939 SNELL AVE	EDR Hist Auto	Higher	314, 0.059, East
A5	999 COMPLETE AUTO CA	3939 SNELL AV	SAN JOSE HAZMAT	Higher	314, 0.059, East
A6	O/B (ADVANCE AUTO CA	3939 SNELL AV SUITE	SAN JOSE HAZMAT	Higher	314, 0.059, East
B7	SHELL	3939 SNELL AVE	LUST	Higher	432, 0.082, ENE
B8	SHELL	3939 SNELL AVE	LUST	Higher	432, 0.082, ENE
B9	SHELL	3939 SNELL AVE	LUST, HIST CORTESE	Higher	432, 0.082, ENE
B10	SHELL SERVICE STATIO	3939 SNELL	RCRA-SQG, LUST, FINDS, ECHO, CUPA Listings,...	Higher	432, 0.082, ENE
B11	SHELL	3939 SNELL AVE	HIST LUST	Higher	432, 0.082, ENE
B12	SHELL	3939 SNELL AVE	HIST LUST	Higher	432, 0.082, ENE
B13	CAPITOL SHELL	3939 SNELL AVE	SWEEPS UST	Higher	432, 0.082, ENE
C14	CAPITOL CHEVRON	175 W CAPITOL EX	UST	Higher	578, 0.109, ENE
C15	WILLIAMS STAN	175 W CAPTL EPSWY	EDR Hist Auto	Higher	578, 0.109, ENE
C16	95921	175 W CAPITOL EXPY	HIST UST	Higher	578, 0.109, ENE
C17	CHEVRON PRODUCTS CO	175 WEST CAPITOL EXP	HIST UST, HAZNET	Higher	578, 0.109, ENE
D18	CAPITOL SNELL 76	3951 SNELL RD	UST	Higher	619, 0.117, ESE
D19	BP OIL COMPANY #1120	3951 SNELL AVE Z	SWEEPS UST	Higher	619, 0.117, ESE
D20	BP OIL COMPANY #1120	3951 SNELL AVE # Z	UST	Higher	619, 0.117, ESE
D21	MOBIL SERVICE STATIO	3951 SNELL AVE	HIST UST	Higher	619, 0.117, ESE
D22	CAPITOL SNELL 76	3951 SNELL AV	SAN JOSE HAZMAT	Higher	619, 0.117, ESE
D23	CAPITOL SNELL 76	3951 SNELL RD	LUST, HIST LUST, Cortese, CUPA Listings, ENF, HIST...	Higher	619, 0.117, ESE
D24	76 GAS STATION	3951 SNELL AVE B	EDR Hist Auto	Higher	619, 0.117, ESE
D25	TOSCO NORTHWEST CO N	3951 SNELL RD	RCRA-SQG, FINDS, ECHO	Higher	619, 0.117, ESE
26	PUBLIC STORAGE INC	3620 SNELL AVE	RCRA-SQG, HAZNET	Lower	866, 0.164, North
E27	VERIZON WIRELESS: CA	3616 HILLCAP AV 398	CUPA Listings	Higher	1114, 0.211, North
E28	AT&T MOBILITY # 1313	3616 HILLCAP BLD F	SAN JOSE HAZMAT	Higher	1114, 0.211, North
E29	VERIZON WIRELESS (CA	3616 HILLCAP AVENUE	CUPA Listings, EMI, SAN JOSE HAZMAT	Higher	1114, 0.211, North
F30	HAIG PRECISION MFG C	3616 SNELL AV	SAN JOSE HAZMAT	Lower	1140, 0.216, NNW
F31	BALL SCREWS & ACTUAT	3616 SNELL AVE	RCRA-SQG, FINDS, ECHO, CUPA Listings, HAZNET	Lower	1140, 0.216, NNW
F32	FOX FACTORY	3610 SNELL AVE	RCRA-SQG, FINDS, ECHO	Lower	1184, 0.224, NNW
G33	CHEVRON	175 CAPITOL	HIST CORTESE	Higher	1185, 0.224, ENE
G34	WEST CAPITOL EXP CHE	175 W CAPITOL EX	LUST, HIST LUST, SWEEPS UST, CUPA Listings, SAN...	Higher	1185, 0.224, ENE
35	PACIFIC BELL	3598 HILLCAP AVENUE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO	Higher	1385, 0.262, North
H36	SOUTH BAY CIRCUITS,	3570 CHARTER PARK DR	ENVIROSTOR	Higher	1865, 0.353, WNW
37	GRANITE ROCK COMPANY	100 GRANITE ROCK WY	LUST, HIST LUST, SWEEPS UST, CUPA Listings, EMI,...	Higher	1877, 0.355, NNE
38	UNITED SITE SERVICES	3408 HILLCAP AVE	LUST, HIST LUST, HIST CORTESE, NPDES, SAN JOSE...	Higher	1992, 0.377, North
H39	SOUTH BAY CIRCUITS I	3565 CHARTER PARK DR	RCRA-SQG, ENVIROSTOR, CUPA Listings, EMI, HAZNET,...	Higher	1994, 0.378, WNW

MAPPED SITES SUMMARY

Target Property Address:
 231 W CAPITOL EXPRESSWAY
 SAN JOSE, CA 95136

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	SOUTH BAY CIRCUITS,	3511 CHARTER PARK DR	ENVIROSTOR	Lower	2025, 0.384, WNW
41	SOUTH VALLEY PLUMBIN	3591 CHARTER PARK DR	LUST, UST, SWEEPS UST	Higher	2030, 0.384, WNW
42	FOSTER GROUP PARTNER	9605 MONTEREY RD	LUST, HIST LUST, HIST CORTESE	Higher	2126, 0.403, ENE
43	EXXON #7-4047	4040 MONTEREY RD	LUST, SWEEPS UST, HIST CORTESE	Higher	2369, 0.449, ENE
44	EXXON #7-4047	4040 MONTEREY RD	LUST, HIST LUST	Higher	2369, 0.449, ENE
45	SPARKLE CLEAN CLEANE	4102 MONTEREY HIGHWA	SLIC, FINDS, DRYCLEANERS, EMI, SAN JOSE HAZMAT	Higher	2402, 0.455, ENE
46	UNITED #5444	4144 MONTEREY RD	LUST, HIST LUST, SWEEPS UST, CUPA Listings, HIST...	Higher	2474, 0.469, ENE
47	PROPOSED COMMUNICATI	HIGHWAY 87	ENVIROSTOR, SCH	Higher	3798, 0.719, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
3911 SNELL AVE 3911 SNELL AVE SAN JOSE, CA 95181	CDL Facility Id: 1999-06-081	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

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

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

AST..... Aboveground Petroleum Storage Tank Facilities

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

EXECUTIVE SUMMARY

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
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

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

EXECUTIVE SUMMARY

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
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
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
Notify 65	Proposition 65 Records
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 5 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>
SHELL SERVICE STATIO	3939 SNELL	ENE 0 - 1/8 (0.082 mi.)	B10	13
TOSCO NORTHWEST CO N	3951 SNELL RD	ESE 0 - 1/8 (0.117 mi.)	D25	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PUBLIC STORAGE INC	3620 SNELL AVE	N 1/8 - 1/4 (0.164 mi.)	26	55
BALL SCREWS & ACTUAT	3616 SNELL AVE	NNW 1/8 - 1/4 (0.216 mi.)	F31	60
FOX FACTORY	3610 SNELL AVE	NNW 1/8 - 1/4 (0.224 mi.)	F32	64

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 10/30/2017 has revealed that there are 4 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>
SOUTH BAY CIRCUITS, Facility Id: 71002703 Status: No Action Required	3570 CHARTER PARK DR	WNW 1/4 - 1/2 (0.353 mi.)	H36	74
SOUTH BAY CIRCUITS I Facility Id: 71003134 Status: Inactive - Needs Evaluation	3565 CHARTER PARK DR	WNW 1/4 - 1/2 (0.378 mi.)	H39	88
PROPOSED COMMUNICATI Facility Id: 60000164 Status: Inactive - Needs Evaluation	HIGHWAY 87	NW 1/2 - 1 (0.719 mi.)	47	115
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH BAY CIRCUITS,	3511 CHARTER PARK DR	WNW 1/4 - 1/2 (0.384 mi.)	40	93

EXECUTIVE SUMMARY

Facility Id: 71003016
 Status: No Action Required

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 14 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>
SHELL Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Case Closed date9: 12/7/1990	3939 SNELL AVE	ENE 0 - 1/8 (0.082 mi.)	B7	10
SHELL Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Remedial action (cleanup) Underway	3939 SNELL AVE	ENE 0 - 1/8 (0.082 mi.)	B8	11
SHELL Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Global Id: T0608501295	3939 SNELL AVE	ENE 0 - 1/8 (0.082 mi.)	B9	11
SHELL SERVICE STATIO Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Date Closed: 12/07/1990 Global Id: T0608502402 SCVWD ID: 07S1E34R04F SCVWD ID: 07S1E34R01F	3939 SNELL	ENE 0 - 1/8 (0.082 mi.)	B10	13
CAPITOL SNELL 76 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Id: 43-0930 Facility Status: Remedial action (cleanup) Underway Date Closed: 02/27/2012 Global Id: T0608500935 SCVWD ID: 07S1E34R02F	3951 SNELL RD	ESE 0 - 1/8 (0.117 mi.)	D23	33
WEST CAPITOL EXP CHE Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Status: Case Closed Date Closed: 11/15/1995 Global Id: T0608501925	175 W CAPITOL EX	ENE 1/8 - 1/4 (0.224 mi.)	G34	66

EXECUTIVE SUMMARY

SCVWD ID: 07S1E34R03F
date9: 11/15/1995

PACIFIC BELL	3598 HILLCAP AVENUE	N 1/4 - 1/2 (0.262 mi.)	35	69
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST, Date of Government Version: 12/11/2017				
Status: Completed - Case Closed				
Date Closed: 06/23/2005				
Global Id: T0608597634				
SCVWD ID: 07S1E34H02F				
GRANITE ROCK COMPANY	100 GRANITE ROCK WY	NNE 1/4 - 1/2 (0.355 mi.)	37	75
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST, Date of Government Version: 12/11/2017				
Status: Completed - Case Closed				
Facility Status: Case Closed				
Date Closed: 11/08/1996				
Global Id: T0608501918				
SCVWD ID: 07S1E34J01F				
date9: 11/8/1996				
UNITED SITE SERVICES	3408 HILLCAP AVE	N 1/4 - 1/2 (0.377 mi.)	38	83
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST, Date of Government Version: 12/11/2017				
Status: Completed - Case Closed				
Facility Status: Case Closed				
Date Closed: 01/22/1992				
Global Id: T0608500213				
SCVWD ID: 07S1E34H01F				
date9: 1/22/1992				
SOUTH VALLEY PLUMBING	3591 CHARTER PARK DR	WNW 1/4 - 1/2 (0.384 mi.)	41	94
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST, Date of Government Version: 12/11/2017				
Status: Completed - Case Closed				
Global Id: T10000004656				
SCVWD ID: 07S1E34L01F				
FOSTER GROUP PARTNER	9605 MONTEREY RD	ENE 1/4 - 1/2 (0.403 mi.)	42	98
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Database: LUST, Date of Government Version: 12/11/2017				
Status: Completed - Case Closed				
Facility Id: 43-1527				
Facility Status: Case Closed				
Global Id: T0608501489				
date9: 1/5/1995				
EXXON #7-4047	4040 MONTEREY RD	ENE 1/4 - 1/2 (0.449 mi.)	143	100
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014				
Database: LUST, Date of Government Version: 12/11/2017				
Status: Completed - Case Closed				
Date Closed: 10/20/1999				
Global Id: T0608500574				
SCVWD ID: 07S1E35L02F				
EXXON #7-4047	4040 MONTEREY RD	ENE 1/4 - 1/2 (0.449 mi.)	144	103
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Status: Case Closed				

EXECUTIVE SUMMARY

date9: 10/20/1999

<p>UNITED #5444 Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 12/11/2017 Status: Completed - Case Closed Facility Status: Case Closed Date Closed: 11/01/1999 Global Id: T0608501442 SCVWD ID: 07S1E35L01F date9: 11/1/1999</p>	<p>4144 MONTEREY RD</p>	<p>ENE 1/4 - 1/2 (0.469 mi.)</p>	<p>46</p>	<p>110</p>
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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 SLIC list, as provided by EDR, has revealed that there is 1 SLIC 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>
<p>SPARKLE CLEAN CLEAN Database: SLIC, Date of Government Version: 12/11/2017 Facility Status: Open - Site Assessment Global Id: T10000004126</p>	<p>4102 MONTEREY HIGHWA</p>	<p>ENE 1/4 - 1/2 (0.455 mi.)</p>	<p>I45</p>	<p>104</p>

HIST LUST: 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.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 9 HIST 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>
<p>SHELL SCVWD ID: 07S1E34R01</p>	<p>3939 SNELL AVE</p>	<p>ENE 0 - 1/8 (0.082 mi.)</p>	<p>B11</p>	<p>24</p>
<p>SHELL SCVWD ID: 07S1E34R04</p>	<p>3939 SNELL AVE</p>	<p>ENE 0 - 1/8 (0.082 mi.)</p>	<p>B12</p>	<p>24</p>
<p>CAPITOL SNELL 76 SCVWD ID: 07S1E34R02</p>	<p>3951 SNELL RD</p>	<p>ESE 0 - 1/8 (0.117 mi.)</p>	<p>D23</p>	<p>33</p>
<p>WEST CAPITOL EXP CHE SCVWD ID: 07S1E34R03</p>	<p>175 W CAPITOL EX</p>	<p>ENE 1/8 - 1/4 (0.224 mi.)</p>	<p>G34</p>	<p>66</p>
<p>GRANITE ROCK COMPANY SCVWD ID: 07S1E34J01</p>	<p>100 GRANITE ROCK WY</p>	<p>NNE 1/4 - 1/2 (0.355 mi.)</p>	<p>37</p>	<p>75</p>
<p>UNITED SITE SERVICES SCVWD ID: 07S1E34H01</p>	<p>3408 HILLCAP AVE</p>	<p>N 1/4 - 1/2 (0.377 mi.)</p>	<p>38</p>	<p>83</p>
<p>FOSTER GROUP PARTNER SCVWD ID: 08S2E26N02</p>	<p>9605 MONTEREY RD</p>	<p>ENE 1/4 - 1/2 (0.403 mi.)</p>	<p>42</p>	<p>98</p>
<p>EXXON #7-4047</p>	<p>4040 MONTEREY RD</p>	<p>ENE 1/4 - 1/2 (0.449 mi.)</p>	<p>I44</p>	<p>103</p>

EXECUTIVE SUMMARY

SCVWD ID: 07S1E35L02

UNITED #5444

4144 MONTEREY RD

ENE 1/4 - 1/2 (0.469 mi.) 46

110

SCVWD ID: 07S1E35L01

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 4 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>
CAPITOL VALERO Database: UST, Date of Government Version: 12/11/2017	3939 SNELL AVE	E 0 - 1/8 (0.059 mi.)	A3	9
CAPITOL CHEVRON Database: UST, Date of Government Version: 12/11/2017 Facility Id: FA0264395	175 W CAPITOL EX	ENE 0 - 1/8 (0.109 mi.)	C14	27
CAPITOL SNELL 76 Database: UST, Date of Government Version: 12/11/2017	3951 SNELL RD	ESE 0 - 1/8 (0.117 mi.)	D18	30
BP OIL COMPANY #1120 Database: UST, Date of Government Version: 12/11/2017 Facility Id: 406481	3951 SNELL AVE # Z	ESE 0 - 1/8 (0.117 mi.)	D20	31

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 3 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>
CAPITOL SHELL Status: A Tank Status: A Comp Number: 405034	3939 SNELL AVE	ENE 0 - 1/8 (0.082 mi.)	B13	25
BP OIL COMPANY #1120 Status: A Tank Status: A Comp Number: 406481	3951 SNELL AVE Z	ESE 0 - 1/8 (0.117 mi.)	D19	30
WEST CAPITOL EXP CHE	175 W CAPITOL EX	ENE 1/8 - 1/4 (0.224 mi.)	G34	66

EXECUTIVE SUMMARY

Status: A
 Tank Status: A
 Comp Number: 402271

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 4 HIST 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>
WARREN PENDERGRAFT Facility Id: 00000018559	3939 SNELL AVE	E 0 - 1/8 (0.059 mi.)	A2	8
95921 Facility Id: 00000062829	175 W CAPITOL EXPY	ENE 0 - 1/8 (0.109 mi.)	C16	28
CHEVRON PRODUCTS CO MOBIL SERVICE STATIO Facility Id: 00000039490	175 WEST CAPITOL EXP 3951 SNELL AVE	ENE 0 - 1/8 (0.109 mi.) ESE 0 - 1/8 (0.117 mi.)	C17 D21	29 32

Other Ascertainable Records

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 09/21/2017 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>
CAPITOL SNELL 76	3951 SNELL RD	ESE 0 - 1/8 (0.117 mi.)	D23	33

CUPA Listings: 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.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 6 CUPA Listings 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>
SHELL SERVICE STATIO Database: CUPA SANTA CLARA, Date of Government Version: 11/14/2017	3939 SNELL	ENE 0 - 1/8 (0.082 mi.)	B10	13
CAPITOL SNELL 76 Database: CUPA SANTA CLARA, Date of Government Version: 11/14/2017	3951 SNELL RD	ESE 0 - 1/8 (0.117 mi.)	D23	33
VERIZON WIRELESS: CA Database: CUPA SANTA CLARA, Date of Government Version: 11/14/2017	3616 HILLCAP AV 398	N 1/8 - 1/4 (0.211 mi.)	E27	57
VERIZON WIRELESS (CA) Database: CUPA SANTA CLARA, Date of Government Version: 11/14/2017	3616 HILLCAP AVENUE	N 1/8 - 1/4 (0.211 mi.)	E29	58
WEST CAPITOL EXP CHE Database: CUPA SANTA CLARA, Date of Government Version: 11/14/2017	175 W CAPITOL EX	ENE 1/8 - 1/4 (0.224 mi.)	G34	66

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BALL SCREWS & ACTUAT Database: CUPA SANTA CLARA, Date of Government Version: 11/14/2017	3616 SNELL AVE	NNW 1/8 - 1/4 (0.216 mi.)	F31	60

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 [CALSTES]. 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 8 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>
SHELL Reg Id: 43-1317	3939 SNELL AVE	ENE 0 - 1/8 (0.082 mi.)	B9	11
CAPITOL SNELL 76 Reg Id: 43-0930	3951 SNELL RD	ESE 0 - 1/8 (0.117 mi.)	D23	33
CHEVRON Reg Id: 43-2095	175 CAPITOL	ENE 1/8 - 1/4 (0.224 mi.)	G33	65
GRANITE ROCK COMPANY Reg Id: 43-2088	100 GRANITE ROCK WY	NNE 1/4 - 1/2 (0.355 mi.)	37	75
UNITED SITE SERVICES Reg Id: 43-0147	3408 HILLCAP AVE	N 1/4 - 1/2 (0.377 mi.)	38	83
FOSTER GROUP PARTNER Reg Id: 43-1751 Reg Id: 43-1527	9605 MONTEREY RD	ENE 1/4 - 1/2 (0.403 mi.)	42	98
EXXON #7-4047 Reg Id: 43-0532	4040 MONTEREY RD	ENE 1/4 - 1/2 (0.449 mi.)	I43	100
UNITED #5444 Reg Id: 43-1472	4144 MONTEREY RD	ENE 1/4 - 1/2 (0.469 mi.)	46	110

SAN JOSE HAZMAT: San Jose Hazmat Facilities.

A review of the SAN JOSE HAZMAT list, as provided by EDR, and dated 11/01/2017 has revealed that there are 8 SAN JOSE HAZMAT 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>
999 COMPLETE AUTO CA File Num: 602879	3939 SNELL AV	E 0 - 1/8 (0.059 mi.)	A5	10
O/B (ADVANCE AUTO CA File Num: 411193	3939 SNELL AV SUITE	E 0 - 1/8 (0.059 mi.)	A6	10
SHELL SERVICE STATIO File Num: 405034	3939 SNELL	ENE 0 - 1/8 (0.082 mi.)	B10	13
CAPITOL SNELL 76 File Num: 411011	3951 SNELL AV	ESE 0 - 1/8 (0.117 mi.)	D22	32
AT&T MOBILITY # 1313 File Num: 410284	3616 HILLCAP BLD F	N 1/8 - 1/4 (0.211 mi.)	E28	58
VERIZON WIRELESS (CA	3616 HILLCAP AVENUE	N 1/8 - 1/4 (0.211 mi.)	E29	58

EXECUTIVE SUMMARY

File Num: 408489

WEST CAPITOL EXP CHE

File Num: 410232

File Num: 402271

175 W CAPITOL EX

ENE 1/8 - 1/4 (0.224 mi.)

G34

66

Lower Elevation

Address

Direction / Distance

Map ID

Page

HAIG PRECISION MFG C

File Num: 602485

3616 SNELL AV

NNW 1/8 - 1/4 (0.216 mi.)

F30

60

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 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation

Address

Direction / Distance

Map ID

Page

WARRENS SHELL SERVIC

WILLIAMS STAN

76 GAS STATION

3939 SNELL AVE

175 W CAPTL EPSWY

3951 SNELL AVE B

E 0 - 1/8 (0.059 mi.)

ENE 0 - 1/8 (0.109 mi.)

ESE 0 - 1/8 (0.117 mi.)

A4

C15

D24

9

27

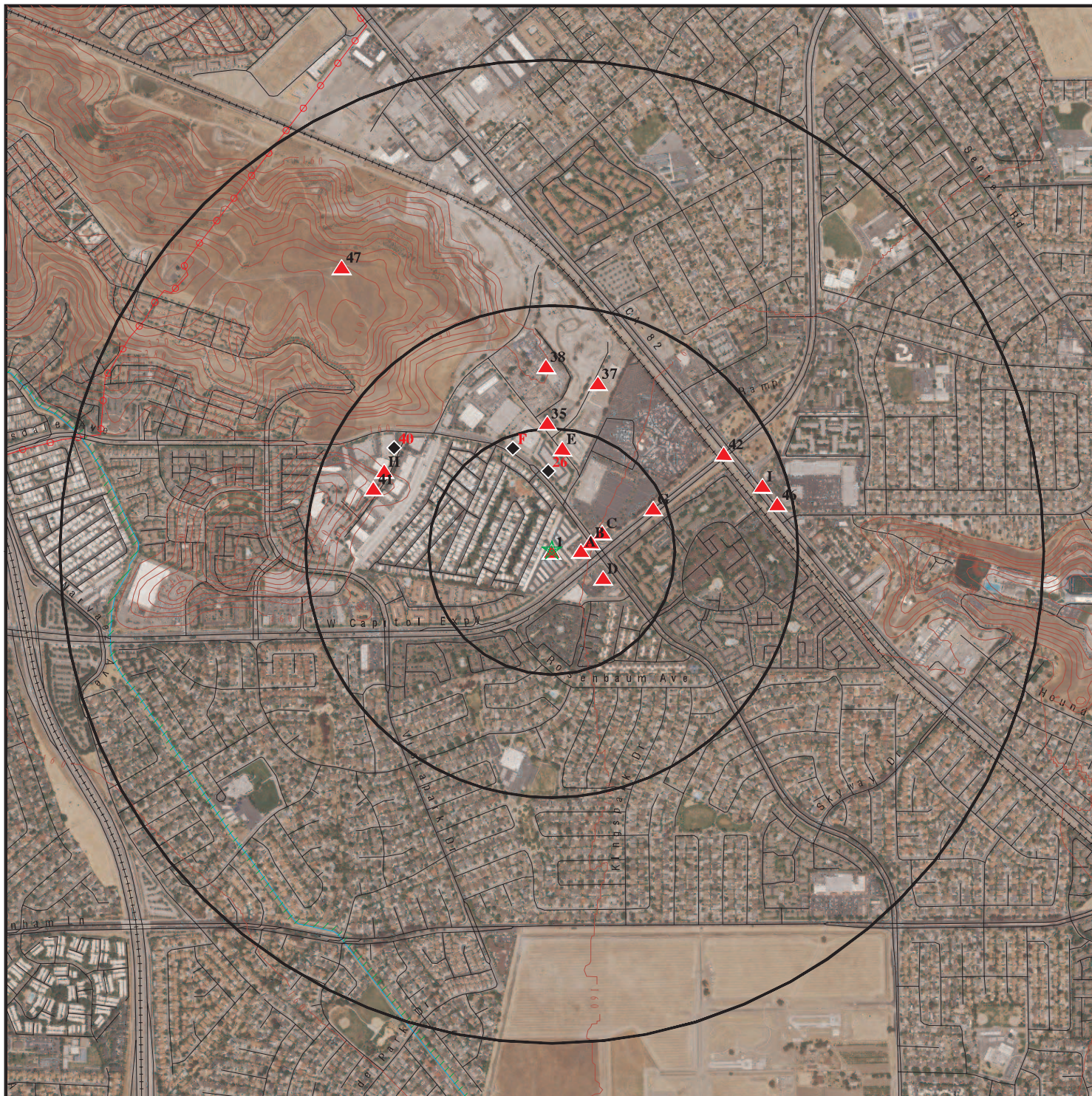
53

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
COCHRANE PLAZA CHEVROLET	LUST

OVERVIEW MAP - 5169515.2S



★ Target Property

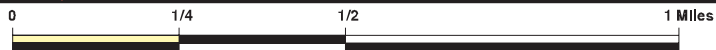
▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

☒ National Priority List Sites

☒ Dept. Defense Sites



☒ Indian Reservations BIA

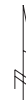
⚡ Power transmission lines

▨ 100-year flood zone

▨ 500-year flood zone

▨ Upgradient Area

▨ 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.

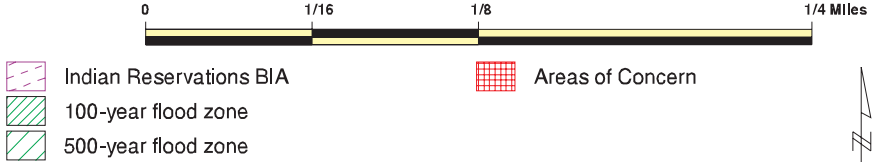
SITE NAME: Public Storage
 ADDRESS: 231 W Capitol Expressway
 San Jose CA 95136
 LAT/LONG: 37.277018 / 121.843745

CLIENT: Champlain Global
 CONTACT: John Krusinski
 DATE: January 26, 2018 4:46 pm

DETAIL MAP - 5169515.2S



- ★ 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



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: Public Storage
 ADDRESS: 231 W Capitol Expressway
 San Jose CA 95136
 LAT/LONG: 37.277018 / 121.843745

CLIENT: Champlain Global
 CONTACT: John Krusinski
 DATE: January 26, 2018 4:49 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	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<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	0	NR	NR	NR	0
RCRA-SQG	0.250		2	3	NR	NR	NR	5
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		0	0	3	1	NR	4
<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		5	1	8	NR	NR	14

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
SLIC	0.500		0	0	1	NR	NR	1
HIST LUST	0.500		3	1	5	NR	NR	9
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		4	0	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	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
Local Lists of Hazardous waste / Contaminated Sites								
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	1	NR	NR	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		2	1	NR	NR	NR	3
HIST UST	0.250		4	0	NR	NR	NR	4
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	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
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
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	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	0.250		0	0	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		1	0	0	NR	NR	1
CUPA Listings	0.250		2	4	NR	NR	NR	6
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	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
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		2	1	5	NR	NR	8
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	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	0	NR	0
SAN JOSE HAZMAT	0.250		4	4	NR	NR	NR	8
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
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	32	15	22	1	0	71

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

1			CDL
Target Property	3911 SNELL AVE SAN JOSE, CA 95181		S107533563 N/A

Actual: 158 ft.

CDL:

Facility ID:	1999-06-081
Date:	06/11/1999
Labtype:	Illegal Drug lab
Lab Type:	Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

A2	WARREN PENDERGRAFT		HIST UST
East	3939 SNELL AVE		U001603156
< 1/8	SAN JOSE, CA 95136		N/A
0.059 mi.			
314 ft.	Site 1 of 5 in cluster A		

Relative: Higher

Actual: 159 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000018559
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SAME
Telephone:	4082274595
Owner Name:	SHELL OIL COMPANY
Owner Address:	P.O. BOX 4848
Owner City,St,Zip:	ANAHEIM, CA 92803
Total Tanks:	0004

Tank Num:	001
Container Num:	1
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Tank Num:	002
Container Num:	2
Year Installed:	1971
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Tank Num:	003
Container Num:	3
Year Installed:	1971
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor, 10

Tank Num:	004
Container Num:	4

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WARREN PENDERGRAFT (Continued)

U001603156

Year Installed: 1971
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: 1/4
 Leak Detection: Stock Inventor, 10

A3
East
< 1/8
0.059 mi.
314 ft.

CAPITOL VALERO
3939 SNELL AVE
SAN JOSE, CA 95136

UST U004263070
N/A

Site 2 of 5 in cluster A

Relative:
Higher

UST:
 Facility ID: Not reported
 Permitting Agency: Santa Clara County Environmental Health
 Latitude: 37.277046
 Longitude: -121.842674

Actual:
159 ft.

A4
East
< 1/8
0.059 mi.
314 ft.

WARRENS SHELL SERVICE
3939 SNELL AVE
SAN JOSE, CA 95123

EDR Hist Auto 1021465962
N/A

Site 3 of 5 in cluster A

Relative:
Higher

EDR Hist Auto

Actual:
159 ft.

Year:	Name:	Type:
1972	WARRENS SHELL SERVICE	Gasoline Service Stations
1973	WARRENS SHELL SERVICE	Gasoline Service Stations
1974	WARRENS SHELL SERVICE	Gasoline Service Stations
1975	WARRENS SHELL SERVICE	Gasoline Service Stations
1985	WARRENS SHELL SERVICE	Gasoline Service Stations
1986	WARRENS SHELL SERVICE	Gasoline Service Stations
1987	WARRENS SHELL SERVICE	Gasoline Service Stations
1988	WARRENS SHELL SERVICE	Gasoline Service Stations
1989	WARRENS SHELL SERVICE	Gasoline Service Stations
1990	WARRENS SHELL SERVICE	Gasoline Service Stations
1991	WARRENS SHELL SERVICE	Gasoline Service Stations
1992	WARRENS SHELL SERVICE	Gasoline Service Stations
1993	WARRENS SHELL SERVICE	Gasoline Service Stations
2000	CAPITOL SHELL AUTO CARE	Gasoline Service Stations
2001	CAPITOL SHELL AUTO CARE	Gasoline Service Stations
2002	MONTEREY ROAD SHELL	Gasoline Service Stations
2002	CAPITOL SHELL AUTO CARE	Gasoline Service Stations
2003	CAPITOL SHELL AUTO CARE	Gasoline Service Stations
2003	MONTEREY ROAD SHELL	Gasoline Service Stations
2004	CAPITOL SHELL AUTO CARE	Gasoline Service Stations
2004	MONTEREY ROAD SHELL	Gasoline Service Stations
2005	MONTEREY ROAD SHELL	Gasoline Service Stations
2005	CAPITOL SHELL AUTO CARE	Gasoline Service Stations, NEC
2006	MONTEREY ROAD SHELL	Gasoline Service Stations
2006	CAPITOL SHELL AUTO CARE	Gasoline Service Stations, NEC
2007	MONTEREY ROAD SHELL	Gasoline Service Stations
2008	MONTEREY ROAD SHELL	Gasoline Service Stations
2010	MONTEREY ROAD SHELL	Gasoline Service Stations

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WARRENS SHELL SERVICE (Continued)

1021465962

2011	MONTEREY ROAD SHELL	Gasoline Service Stations
2012	MONTEREY ROAD SHELL	Gasoline Service Stations

A5 **999 COMPLETE AUTO CARE**
East **3939 SNELL AV**
< 1/8 **SAN JOSE, CA 95119**
0.059 mi.
314 ft. **Site 4 of 5 in cluster A**

SAN JOSE HAZMAT **S120629440**
N/A

Relative: SAN JOSE HAZMAT:
Higher Region: SAN JOSE
 File Num: 602879
Actual: Class: Auto Repair
159 ft.

A6 **O/B (ADVANCE AUTO CARE)**
East **3939 SNELL AV SUITE A**
< 1/8 **SAN JOSE, CA 95136**
0.059 mi.
314 ft. **Site 5 of 5 in cluster A**

SAN JOSE HAZMAT **S115780623**
N/A

Relative: SAN JOSE HAZMAT:
Higher Date of Data: AS OF 02/07/2014
 Region: SAN JOSE
Actual: File Num: 411193
159 ft. Class: Auto Repair

B7 **SHELL**
ENE **3939 SNELL AVE**
< 1/8 **SAN JOSE, CA 95136**
0.082 mi.
432 ft. **Site 1 of 7 in cluster B**

LUST **S106610947**
N/A

Relative: LUST REG 2:
Higher Region: 2
 Facility Id: Not reported
Actual: Facility Status: Case Closed
160 ft. Case Number: 07S1E34R01f
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: 8/23/1989
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Post Remedial Action Monitoring Began: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B8 **SHELL**
ENE **3939 SNELL AVE**
< 1/8 **SAN JOSE, CA 95136**
0.082 mi.
432 ft. **Site 2 of 7 in cluster B**

LUST **S106610951**
N/A

Relative: LUST REG 2:
Higher Region: 2
 Facility Id: Not reported
Actual: Facility Status: Remedial action (cleanup) Underway
160 ft. Case Number: 07S1E34R04f
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: 2/2/1999
 Pollution Characterization Began: 8/3/1999
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: 6/4/2003
 Date Post Remedial Action Monitoring Began: Not reported

B9 **SHELL**
ENE **3939 SNELL AVE**
< 1/8 **SAN JOSE, CA 95136**
0.082 mi.
432 ft. **Site 3 of 7 in cluster B**

LUST **S110060866**
HIST CORTESE **N/A**

Relative: LUST:
Higher Lead Agency: SANTA CLARA COUNTY LOP
 Case Type: LUST Cleanup Site
Actual: Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501295
160 ft. Global Id: T0608501295
 Latitude: 37.277034
 Longitude: -121.842722
 Status: Completed - Case Closed
 Status Date: 12/07/1990
 Case Worker: UST
 RB Case Number: Not reported
 Local Agency: SANTA CLARA COUNTY LOP
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
Global Id: T0608501295
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501295
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

S110060866

Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608501295
Action Type: Other
Date: 04/29/1988
Action: Leak Reported

Global Id: T0608501295
Action Type: ENFORCEMENT
Date: 09/12/1989
Action: Notice of Responsibility - #39665

Global Id: T0608501295
Action Type: ENFORCEMENT
Date: 12/07/1990
Action: Closure/No Further Action Letter

Global Id: T0608501295
Action Type: RESPONSE
Date: 08/24/1987
Action: Other Report / Document

Global Id: T0608501295
Action Type: REMEDIATION
Date: 04/29/1988
Action: Excavation

LUST:

Global Id: T0608501295
Status: Open - Case Begin Date
Status Date: 04/29/1988

Global Id: T0608501295
Status: Open - Site Assessment
Status Date: 08/23/1989

Global Id: T0608501295
Status: Completed - Case Closed
Status Date: 12/07/1990

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1317

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B10
ENE
< 1/8
0.082 mi.
432 ft.

SHELL SERVICE STATION
3939 SNELL
SAN JOSE, CA 95136
Site 4 of 7 in cluster B

RCRA-SQG 1004677622
LUST CAR000099713
FINDS
ECHO
CUPA Listings
HAZNET
SAN JOSE HAZMAT

Relative:
Higher

RCRA-SQG:

Actual:
160 ft.

Date form received by agency: 07/11/2001
Facility name: SHELL SERVICE STATION
Facility address: 3939 SNELL
S A P 136009
SAN JOSE, CA 95136
EPA ID: CAR000099713
Mailing address: P O BOX 2648
HOUSTON, TX 77252-2648
Contact: SONDR A BIENVENU
Contact address: P O BOX 2648
HOUSTON, TX 77252-2648
Contact country: US
Contact telephone: 713-241-5036
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: EQUILON ENTERPRISES L L C
Owner/operator address: P O BOX 2648
HOUSTON, TX 77252
Owner/operator country: Not reported
Owner/operator telephone: 713-241-5036
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

LUST:

Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608502402
Global Id: T0608502402
Latitude: 37.276952
Longitude: -121.842738
Status: Completed - Case Closed
Status Date: 09/23/2015
Case Worker: AC
RB Case Number: 19-104
Local Agency: SANTA CLARA COUNTY LOP
File Location: Local Agency
Local Case Number: 07S1E34R04f
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: 1998 During tank system upgrade activities in July of 1998, four soil shallow samples were collected (SD-1 through SD-4) beneath the dispensers. Petroleum hydrocarbons were detected in each of the four samples and a summary report was submitted to the City of San Jose Fire Department. It was reported that 18.6 tons of soil was excavated during these activities, however documentation of disposal was not provided. 1999 February An unauthorized release report was filed by the City of San Jose Fire Department based on the results of the shallow soil sampling. March The fuel leak investigation case was opened. June A preliminary site assessment was performed and three groundwater monitoring wells were installed. MTBE was detected in each of the monitoring wells which prompted further investigation. October Nine additional soil borings were completed and a soil vapor extraction test was performed which indicated a very small radius of influence (less than 5 feet). 2000-2001 Quarterly groundwater monitoring was completed and three additional site assessments were performed to delineate and characterize the extent of contamination. November 2001 A remedial action work plan was submitted proposing additional aquifer testing and groundwater extraction and treatment in the upper water bearing zone. 2002 Eight groundwater extraction wells were installed and groundwater extraction and treatment commenced. The groundwater extraction system operated between December 2002 and November 2004 during which approximately 1,841,731 gallons of groundwater was extracted and treated. 2003-2006 A corrective action plan was submitted in April 2003. Groundwater extraction was suspended in late 2004. Quarterly groundwater monitoring was performed continuously. March 2006 A 550 gallon waste oil UST was removed from the site. Soil samples collected during the removal indicated contamination below the UST. A second unauthorized release report was filed. 2006-2009 Quarterly groundwater monitoring was continuous. 2009-2010 Groundwater monitoring was changed from quarterly to semi-annually. The most recent groundwater monitoring event occurred on August 6, 2010. September 2010 Present No activity

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

occurred on the site. A no further action letter was issued in January 2011. A second no further action letter was issued in October 2012.

LUST:

Global Id: T0608502402
Contact Type: Local Agency Caseworker
Contact Name: AARON COSTA
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: aaron.costa@cep.sccgov.org
Phone Number: 4089181954

Global Id: T0608502402
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608502402
Action Type: Other
Date: 02/02/1999
Action: Leak Reported

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 02/18/2015
Action: Staff Letter

Global Id: T0608502402
Action Type: RESPONSE
Date: 08/12/2013
Action: Other Report / Document

Global Id: T0608502402
Action Type: RESPONSE
Date: 09/26/2008
Action: Correspondence

Global Id: T0608502402
Action Type: RESPONSE
Date: 01/27/2000
Action: Other Workplan

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 10/25/1999
Action: Staff Letter - #23679

Global Id: T0608502402
Action Type: RESPONSE
Date: 04/30/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Action: Monitoring Report - Semi-Annually

Global Id: T0608502402
Action Type: Other
Date: 07/10/1998
Action: Leak Stopped

Global Id: T0608502402
Action Type: REMEDIATION
Date: 12/05/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 01/26/2011
Action: Staff Letter

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 04/21/2009
Action: Staff Letter

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 09/07/2005
Action: Staff Letter

Global Id: T0608502402
Action Type: Other
Date: 07/10/1998
Action: Leak Discovery

Global Id: T0608502402
Action Type: REMEDIATION
Date: 04/03/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 08/02/2013
Action: Staff Letter

Global Id: T0608502402
Action Type: RESPONSE
Date: 01/16/2006
Action: NPDES / WDR Reports

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Global Id: T0608502402
Action Type: RESPONSE
Date: 11/05/2013
Action: Correspondence

Global Id: T0608502402
Action Type: RESPONSE
Date: 09/27/2013
Action: Other Report / Document - Regulator Responded

Global Id: T0608502402
Action Type: RESPONSE
Date: 10/18/2013
Action: Other Workplan - Regulator Responded

Global Id: T0608502402
Action Type: RESPONSE
Date: 04/23/2003
Action: CAP/RAP - Other Report

Global Id: T0608502402
Action Type: RESPONSE
Date: 10/29/2010
Action: Monitoring Report - Quarterly

Global Id: T0608502402
Action Type: RESPONSE
Date: 01/03/2006
Action: Other Report / Document

Global Id: T0608502402
Action Type: RESPONSE
Date: 05/22/2006
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 11/18/2014
Action: Staff Letter

Global Id: T0608502402
Action Type: RESPONSE
Date: 03/15/2002
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608502402
Action Type: RESPONSE
Date: 09/14/2001
Action: Other Report / Document

Global Id: T0608502402
Action Type: RESPONSE
Date: 01/01/1973
Action: Other Report / Document

Global Id: T0608502402
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Date: 03/27/2006
Action: Unauthorized Release Form

Global Id: T0608502402
Action Type: RESPONSE
Date: 10/16/2012
Action: Correspondence

Global Id: T0608502402
Action Type: RESPONSE
Date: 02/13/2002
Action: Soil and Water Investigation Report

Global Id: T0608502402
Action Type: RESPONSE
Date: 07/22/2002
Action: Other Report / Document

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 02/26/2013
Action: Staff Letter

Global Id: T0608502402
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 09/04/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0608502402
Action Type: RESPONSE
Date: 01/15/2000
Action: Monitoring Report - Quarterly

Global Id: T0608502402
Action Type: RESPONSE
Date: 07/27/1999
Action: Preliminary Site Assessment Report

Global Id: T0608502402
Action Type: RESPONSE
Date: 02/23/2000
Action: Other Workplan

Global Id: T0608502402
Action Type: RESPONSE
Date: 10/01/1999
Action: Other Workplan

Global Id: T0608502402
Action Type: RESPONSE
Date: 10/31/2010
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Global Id:	T0608502402
Action Type:	RESPONSE
Date:	09/16/2011
Action:	Soil and Water Investigation Report
Global Id:	T0608502402
Action Type:	RESPONSE
Date:	07/11/2000
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0608502402
Action Type:	RESPONSE
Date:	11/08/2001
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608502402
Action Type:	RESPONSE
Date:	11/13/2001
Action:	Other Workplan
Global Id:	T0608502402
Action Type:	ENFORCEMENT
Date:	08/25/2011
Action:	Staff Letter
Global Id:	T0608502402
Action Type:	RESPONSE
Date:	09/18/2015
Action:	Well Destruction Report
Global Id:	T0608502402
Action Type:	ENFORCEMENT
Date:	08/22/2013
Action:	Staff Letter
Global Id:	T0608502402
Action Type:	ENFORCEMENT
Date:	10/16/2012
Action:	Staff Letter
Global Id:	T0608502402
Action Type:	ENFORCEMENT
Date:	11/05/2013
Action:	Staff Letter
Global Id:	T0608502402
Action Type:	RESPONSE
Date:	08/20/2013
Action:	Email Correspondence
Global Id:	T0608502402
Action Type:	RESPONSE
Date:	04/12/2013
Action:	Correspondence
Global Id:	T0608502402
Action Type:	ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Date: 07/14/2015
Action: Staff Letter

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 09/23/2015
Action: Closure/No Further Action Letter

Global Id: T0608502402
Action Type: RESPONSE
Date: 08/05/2010
Action: Other Report / Document

Global Id: T0608502402
Action Type: RESPONSE
Date: 04/21/1999
Action: Other Workplan

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 05/11/2015
Action: Staff Letter

Global Id: T0608502402
Action Type: RESPONSE
Date: 06/11/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608502402
Action Type: RESPONSE
Date: 07/09/2015
Action: Well Destruction Report

Global Id: T0608502402
Action Type: ENFORCEMENT
Date: 05/25/2011
Action: Staff Letter

LUST:

Global Id: T0608502402
Status: Open - Case Begin Date
Status Date: 07/10/1998

Global Id: T0608502402
Status: Open - Site Assessment
Status Date: 02/02/1999

Global Id: T0608502402
Status: Open - Site Assessment
Status Date: 08/03/1999

Global Id: T0608502402
Status: Open - Remediation
Status Date: 06/04/2003

Global Id: T0608502402
Status: Open - Verification Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Status Date: 11/30/2004

Global Id: T0608502402
Status: Open - Eligible for Closure
Status Date: 01/07/2013

Global Id: T0608502402
Status: Open - Verification Monitoring
Status Date: 01/07/2013

Global Id: T0608502402
Status: Open - Eligible for Closure
Status Date: 11/04/2013

Global Id: T0608502402
Status: Completed - Case Closed
Status Date: 09/23/2015

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34R04F
Date Closed: Not reported
EDR Link ID: 07S1E34R04F

Region: SANTA CLARA
SCVWD ID: 07S1E34R01F
Date Closed: 12/07/1990
EDR Link ID: 07S1E34R01F

FINDS:

Registry ID: 110012236767

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: 1004677622
Registry ID: 110012236767
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012236767>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR
Latitude: 37.277481
Longitude: -121.842646
Record ID: PR0384140
Facility ID: FA0261933

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude: 37.277481
Longitude: -121.842646
Record ID: PR0396139
Facility ID: FA0261933

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.277481
Longitude: -121.842646
Record ID: PR0396140
Facility ID: FA0261933

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.2770532
Longitude: -121.8428239
Record ID: PR0414126
Facility ID: FA0273862

Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.2770532
Longitude: -121.8428239
Record ID: PR0414127
Facility ID: FA0273862

HAZNET:

envid: 1004677622
Year: 2010
GEPaid: CAR000099713
Contact: JEANNE TRAYLOR
Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO BOX 3127
Mailing City, St, Zip: HOUSTON, TX 772530000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Tons: 0.231
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004677622
Year: 2010
GEPaid: CAR000099713
Contact: JEANNE TRAYLOR
Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO BOX 3127
Mailing City,St,Zip: HOUSTON, TX 772530000
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.015
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004677622
Year: 2009
GEPaid: CAR000099713
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.045
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004677622
Year: 2008
GEPaid: CAR000099713
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.4587

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1004677622

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1004677622
Year: 2007
GEPaid: CAR000099713
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD008830290
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.01
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

[Click this hyperlink](#) while viewing on your computer to access 6 additional CA_HAZNET: record(s) in the EDR Site Report.

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 405034
Class: Gasoline Station

**B11
ENE
< 1/8
0.082 mi.
432 ft.**

**SHELL
3939 SNELL AVE
SAN JOSE, CA
Site 5 of 7 in cluster B**

**HIST LUST S106825010
N/A**

**Relative:
Higher**

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E34R01
Oversite Agency: SCVWD
Date Listed: 1989-01-01 00:00:00
Closed Date: 1990-12-07 00:00:00

**Actual:
160 ft.**

**B12
ENE
< 1/8
0.082 mi.
432 ft.**

**SHELL
3939 SNELL AVE
SAN JOSE, CA
Site 6 of 7 in cluster B**

**HIST LUST S106825011
N/A**

**Relative:
Higher**

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E34R04
Oversite Agency: SCCDEH

**Actual:
160 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

S106825011

Date Listed: 1999-03-15 00:00:00
Closed Date: Not reported

B13
ENE
< 1/8
0.082 mi.
432 ft.

CAPITOL SHELL
3939 SNELL AVE
SAN JOSE, CA 95136

SWEEPS UST **S106924004**
N/A

Site 7 of 7 in cluster B

Relative:
Higher

SWEEPS UST:

Actual:
160 ft.

Status: Active
Comp Number: 405034
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000005
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 405034
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000006
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 405034
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000007
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SHELL (Continued)

S106924004

Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 405034
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000008
Tank Status: A
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 405034
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 405034
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000002
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 405034
Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SHELL (Continued)

S106924004

Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 405034
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405034-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

**C14
ENE
< 1/8
0.109 mi.
578 ft.**

**CAPITOL CHEVRON
175 W CAPITOL EX
SAN JOSE, CA 95136
Site 1 of 4 in cluster C**

**UST U004264609
N/A**

**Relative:
Higher**

UST:
Facility ID: FA0264395
Permitting Agency: Santa Clara County Environmental Health
Latitude: 37.27759
Longitude: -121.84189

**Actual:
160 ft.**

**C15
ENE
< 1/8
0.109 mi.
578 ft.**

**WILLIAMS STAN
175 W CAPTL EPSWY
SAN JOSE, CA 95136
Site 2 of 4 in cluster C**

**EDR Hist Auto 1020884768
N/A**

**Relative:
Higher**

EDR Hist Auto
Year: Name: Type:
1975 WILLIAMS STANLEY Gasoline Service Stations
1976 WILLIAMS STANLEY Gasoline Service Stations
1977 WILLIAMS STAN Gasoline Service Stations
1977 WILLIAMS STANLEY Gasoline Service Stations

**Actual:
160 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAMS STAN (Continued)

1020884768

1978	WILLIAMS STAN	Gasoline Service Stations
1979	WILLIAMS STAN	Gasoline Service Stations
1980	WILLIAMS STAN	Gasoline Service Stations
1982	WILLIAMS STAN	Gasoline Service Stations
1986	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations
1987	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations
1988	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations
1989	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations, NEC
1990	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations, NEC
1991	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations, NEC
1992	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations, NEC
1993	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations, NEC
1994	CAPITOL EXPRESSWAY CHEVRON STN	Gasoline Service Stations, NEC
1995	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
1996	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
1997	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
1998	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
1999	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
2000	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
2001	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
2002	CAPITOL EXPRESSWAY BEACON	Gasoline Service Stations, NEC
2003	CAPITOL BEACON	Gasoline Service Stations, NEC
2004	CAPITOL BEACON	Gasoline Service Stations, NEC
2005	CAPITOL BEACON	Gasoline Service Stations, NEC
2006	AUTO CAPITOL SERVICE	Gasoline Service Stations
2007	AUTO CAPITOL SERVICE	Gasoline Service Stations
2008	AUTO CAPITOL SERVICE	Gasoline Service Stations
2009	AUTO CAPITOL SERVICE	Gasoline Service Stations
2010	AUTO CAPITOL SERVICE	Gasoline Service Stations
2011	AUTO CAPITOL SERVICE	Gasoline Service Stations
2012	AUTO CAPITOL SERVICE	Gasoline Service Stations
2013	AUTO CAPITOL SERVICE	Gasoline Service Stations
2014	AUTO CAPITOL SERVICE	Gasoline Service Stations

C16
ENE
< 1/8
0.109 mi.
578 ft.

95921
175 W CAPITOL EXPY
SAN JOSE, CA 95136
Site 3 of 4 in cluster C

HIST UST **U001603141**
N/A

Relative:
Higher

HIST UST:
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000062829
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: COSBY, DONALD L
 Telephone: 4082249837
 Owner Name: CHEVRON U.S.A. INC.
 Owner Address: 575 MARKET
 Owner City,St,Zip: SAN FRANCISCO, CA 94105
 Total Tanks: 0004

Actual:
160 ft.

Tank Num: 001
 Container Num: 1
 Year Installed: 1971
 Tank Capacity: 00010000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

95921 (Continued)

U001603141

Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Tank Num: 002
 Container Num: 2
 Year Installed: 1971
 Tank Capacity: 00005000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Tank Num: 003
 Container Num: 3
 Year Installed: 1971
 Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000250
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: 1971
 Tank Capacity: 00001000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: 0000130
 Leak Detection: Stock Inventor

C17
ENE
 < 1/8
 0.109 mi.
 578 ft.

CHEVRON PRODUCTS CO
175 WEST CAPITOL EXP
SAN JOSE, CA 95136
Site 4 of 4 in cluster C

HIST UST **S113032817**
HAZNET **N/A**

Relative:
Higher

HIST UST:
 File Number: 0002D064
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D064.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

Actual:
160 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS CO (Continued)

S113032817

Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

HAZNET:

envid: S113032817
Year: 1995
GEPaid: CAL000029751
Contact: CHEVRON PRODUCTS CO
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 5004
Mailing City,St,Zip: SAN RAMON, CA 945830804
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 13.0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

D18
ESE
< 1/8
0.117 mi.
619 ft.

CAPITOL SNELL 76
3951 SNELL RD
SAN JOSE, CA 95136
Site 1 of 8 in cluster D

UST U004263068
N/A

Relative:
Higher

UST:
Facility ID: Not reported
Permitting Agency: Santa Clara County Environmental Health
Latitude: 37.27625
Longitude: -121.84185

Actual:
161 ft.

D19
ESE
< 1/8
0.117 mi.
619 ft.

BP OIL COMPANY #11209
3951 SNELL AVE Z
SAN JOSE, CA 95136
Site 2 of 8 in cluster D

SWEEPS UST S106923516
N/A

Relative:
Higher

SWEEPS UST:
Status: Active
Comp Number: 406481
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-406481-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL

Actual:
161 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL COMPANY #11209 (Continued)

S106923516

STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 406481
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-406481-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 406481
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-406481-000003
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

D20
ESE
< 1/8
0.117 mi.
619 ft.

BP OIL COMPANY #11209
3951 SNELL AVE # Z
SAN JOSE, CA 95136
Site 3 of 8 in cluster D

UST U003938512
N/A

Relative:
Higher

UST:
Facility ID: 406481
Permitting Agency: SAN JOSE, CITY OF
Latitude: 37.2776
Longitude: -121.840498

Actual:
161 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D21
ESE
< 1/8
0.117 mi.
619 ft.

MOBIL SERVICE STATION
3951 SNELL AVE
SAN JOSE, CA 95136
Site 4 of 8 in cluster D

HIST UST **U001603150**
 N/A

Relative:
Higher

HIST UST:
 File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000039490
 Facility Type: Gas Station
 Other Type: Not reported
 Contact Name: F. NARCISO
 Telephone: 4082263520
 Owner Name: MOBIL OIL CORPORATION
 Owner Address: 612 SO. FLOWER STREET
 Owner City,St,Zip: LOS ANGELES, CA 90017
 Total Tanks: 0003

Tank Num: 001
 Container Num: 1
 Year Installed: 1974
 Tank Capacity: 00012000
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: Not reported
 Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 002
 Container Num: 2
 Year Installed: 1973
 Tank Capacity: 00008000
 Tank Used for: PRODUCT
 Type of Fuel: REGULAR
 Container Construction Thickness: Not reported
 Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 003
 Container Num: 3
 Year Installed: 1973
 Tank Capacity: 00005000
 Tank Used for: PRODUCT
 Type of Fuel: 06
 Container Construction Thickness: Not reported
 Leak Detection: Visual, Stock Inventor, Pressure Test

D22
ESE
< 1/8
0.117 mi.
619 ft.

CAPITOL SNELL 76
3951 SNELL AV
SAN JOSE, CA 95136
Site 5 of 8 in cluster D

SAN JOSE HAZMAT **S117338819**
 N/A

Relative:
Higher

SAN JOSE HAZMAT:
 Region: SAN JOSE
 File Num: 411011
 Class: Gasoline Station

Actual:
161 ft.

Map ID
 Direction
 Distance
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MAP FINDINGS

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 EPA ID Number

D23 **CAPITOL SNELL 76**
ESE **3951 SNELL RD**
< 1/8 **SAN JOSE, CA 95136**
0.117 mi.
619 ft. **Site 6 of 8 in cluster D**

LUST **S100931040**
HIST LUST **N/A**
Cortese
CUPA Listings
ENF
HIST CORTESE

Relative:
Higher

LUST:

Actual:
161 ft.

Lead Agency: SANTA CLARA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500935
 Global Id: T0608500935
 Latitude: 37.2762212905407
 Longitude: -121.841983795166
 Status: Completed - Case Closed
 Status Date: 02/27/2012
 Case Worker: Not reported
 RB Case Number: 43-0930
 Local Agency: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: 07S1E34R02f
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: MTBE / TBA / Other Fuel Oxygenates, Gasoline
 Site History: In late 1985 or early 1986, 3 steel gasoline USTs were removed from the site. Soil samples collected from beneath the UST cavity indicated the presence of TPHg up to 290 ppm near the southeast corner of the excavation at a depth of approximately 15 feet below ground surface (ft bgs). According to referenced sources, the replacement USTs consisting of one 12,000-gallon capacity and two 10,000-gallon capacity double-walled fiberglass USTs were installed at the site sometime in 1986. Jul. 86, 1 soil boring (EB-1) was advanced to 45 ft bgs west of the USTs. Groundwater was not encountered in the boring, and petroleum odor was present in soil at depths of 13 and 20 ft bgs. TPH were detected in soil up to a concentration of 1.0 ppm. In Sept. 1992, 5 soil borings were advanced to depths of 31-46 ft bgs in the vicinity of the USTs (B-1 and B-2) and pump islands (B-3 through B-5). Groundwater was not encountered within the borings. Results of soil sampling indicated the presence of benzene up to 0.088 ppm, and relatively low levels of toluene, ethylbenzene, and xylenes. A suspected concentration of methyl tertiary butyl ether (MTBE, 0.3 ppm) was detected in the 16-foot sample from boring B-2. Oct. 1994, 2 cone penetrometer testing (CPT) borings were advanced near the USTs (THP-1 and THP-2); 1 CPT boring was drilled in the area of the pump islands (THP-3); 2 CPT borings were drilled near the former pump islands (TB-1 and TB-2); and 2 grab samples were collected from approximately 0.5 ft bgs beneath the current pump islands (TD-1 and TD-3). The CPT borings were drilled to 25 ft bgs. Maximum concentrations of TPHg (3,600 ppm) and benzene (5.6 ppm) were detected in a sample collected near the northwest corner of the USTs (THP-1), and a maximum concentration of TPHd (10,000 ppm) was detected beneath the northeastern dispenser island (TB-2). Nov. 1995, the product lines, fuel dispensers, and the Stage II vapor recovery system were replaced at the site. 6 soil samples were collected from beneath the new product lines. Results indicated the presence of TPHg at 2 locations up to a maximum concentration of 22 ppm. Benzene concentrations were non-detectable at or above laboratory method reporting limits (MRLs). The presence of MTBE was not evaluated. Dec. 1998, 3 CPT borings were advanced near the NW corner of the USTs (CPT-1, CPT-2, and CPT-4) to depths of 20-35 ft

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CAPITOL SNELL 76 (Continued)

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bgs, and 1 CPT soil boring (CPT-3) in the vicinity of the NE dispenser island to 15 ft bgs. Groundwater was encountered at approximately 15 ft bgs. Soil samples from each of the borings contained TPHg, benzene, and MTBE (EPA Method 8020) at maximum concentrations of 85 ppm, 0.18 ppm, and 120 ppm, respectively. Grab groundwater samples collected from each of the borings contained elevated levels of TPHg, benzene, and MTBE (EPA Method 8260), with the highest detections present in CPT-1 (720,000 ppb TPHg, 2,800 ppb benzene, and 700,000 ppb MTBE). Sept. 1999, 15 Geoprobe borings (DP-1 through DP-12) were advanced in the vicinity of the USTs, and adjacent to the site to the west/southwest on the property occupied by Jimmys Restaurant to depths of 20-45 ft bgs. 3 borings were completed as groundwater monitoring wells (MW-1, MW-2, and MW-3) on-site. Groundwater was encountered beneath the site between approximately 15-20 ft bgs. The highest concentrations of TPHg and MTBE in soil were detected between 6-25 ft bgs. Maximum concentrations of dissolved TPHg and benzene were present at 91,000 ppb (DP-11) and 3,000 ppb (DP-2). With the exception of well MW-1, elevated concentrations of MTBE ranging from 1,500 ppb to 730,000 ppb (EPA Method 8260, DP-2) were detected in each of the soil borings and groundwater monitoring wells. A step-drawdown test, followed by a constant-discharge pumping test at well MW-3 were completed to determine aquifer properties beneath the site. Transmissivity and hydraulic conductivity values were calculated at 4.25 x 10⁻³ square feet per minute, and 0.0014 feet per minute, respectively. Groundwater velocity was also calculated at 0.31 feet per day. Results of aquifer testing indicated that pumping from well MW-3 showed difficulty in influencing the water-bearing zone beneath the site. IT indicated that based on the survey of utilities and wells in the area, historical research of the site area, investigation findings, results of aquifer testing, and geologic and hydrogeologic properties beneath the site, the dissolved petroleum hydrocarbon and MTBE plumes do not pose a threat to deep drinking water sources based on: (1) the presence of the majority of the mass at less than 30 ft bgs; (2) limited vertical groundwater movement beneath the site due to the thick clay/silt deposits extending from approximately 25-55 ft bgs beneath the site; (3) limited lateral movement of groundwater within the thin silty sand zone within the upper clay; and (4) the lack of public or municipal water supply wells in the immediate vicinity of the site. IT proposed the implementation of interim remedial action consisting of the periodic extraction of groundwater from well MW-3. Jan. 2000, 6 soil borings (DP-13 through DP-18) were advanced on the adjacent property occupied by Jimmys Restaurant. Results further indicated that petroleum hydrocarbons and MTBE had migrated off-site to the west-southwest. An MTBE concentration of 68,000 ppb was detected in boring DP-18, which was drilled approximately 145 feet southwest of the site. Assessment of the geology encountered within borings DP-13 through DP-16 indicated the presence of a deeper water-bearing zone beneath the site at approximately 40-44 ft bgs. Apr. 2000, 5 soil borings (DP-19 through DP-23) were advanced using direct push drilling equipment west-southwest of the site within the right-of-way of Capitol Expressway. The borings were continuously cored to a total depth of 45 feet bgs. The presence of a deeper water-bearing zone from approximately 40-44 ft bgs was not observed in borings DP-19 through DP-23. Soil and groundwater samples were shipped to a laboratory for analysis; however, due to a shipping oversight, some of the samples

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CAPITOL SNELL 76 (Continued)

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were lost in transit. Available soil and groundwater samples collected in April 2000 were analyzed out of holding time for the presence of TPHg, BTEX, and MTBE. With the exception of relatively minor levels of TPHg (0.140 ppm) and MTBE (0.270 ppm, EPA Method 8260B) in soil collected from 25-25.5 ft bgs from boring DP-21, TPHg and MTBE were not detected in soil. The groundwater sample from boring DP-21 contained TPHg and MTBE (EPA Method 8260B) at concentrations of 1,400 ppb and 11,000 ppb, respectively. In May and June 2000 efforts were made to repeat the April 2000 assessment, and re-drilled borings DP- 19 through DP-23 along with new boring (DP-24), which was advanced in Capitol Expressway. During drilling, an intermediate water-bearing zone was observed within boring DP-24 between 33-37 ft bgs. With the exception of a relatively minor concentration of MTBE in groundwater from re-drilled boring DP-21 (1.5 ppb, EPA Method 8260B), soil and groundwater samples did not contain TPHg and MTBE. Based on the results of assessment between April and June 2000, IT concluded that the lateral and vertical extent of TPHg and MTBE had been defined, and recommended the installation of additional groundwater monitoring wells at the site. May 2000, a dual-phase extraction (DPE) feasibility test was conducted at the site utilizing well EW-1. Three wells (P-1 through P-3) were installed in the vicinity of well EW-1 to 25 ft bgs, and were used as observation wells. Results of testing included that the application of DPE did not enhance the GWE rate when the well was under vacuum, and that an estimated long-term sustainable pumping rate would be less than 0.27 gpm. An estimated SVE radius of influence of 13.8 feet was calculated for well EW-1 at SVE flow rates ranging from 7.3 standard cubic feet per minute (scfm) to 43 scfm at vacuum pressures ranging from 7 inches of mercury to 18 inches of mercury. Based on an evaluation of DPE alternatives, IT recommended the performance of cyclical SVE and GWE from 7 on-site wells (5 wells simultaneously). Jan. and Feb. 2001, 7 off-site groundwater monitoring wells (MW-4 through MW-10) were installed for the purpose of monitoring dissolved TPHg and MTBE in the vicinity of the site. Well MW-4 was completed to 26 ft bgs, and wells MW-5 through MW-10 were completed to 30 ft bgs. Dissolved impacts were present in wells MW-5, MW-7, and MW-9, with the highest concentrations of TPHg (1,800 ppb) and MTBE (1,970 ppb) present in well MW-5. Petroleum hydrocarbons and MTBE were not detected in wells MW-4, MW-6, and MW-10 at or above laboratory MRLs. IT concluded that the dissolved MTBE plume was defined to the north by well MW-7, to the west by wells MW-8, MW-9, and MW-10, and to the south by wells MW-1, MW-4, and MW-6. Jun. 2001, the groundwater sampling technician discovered that well MW-5 was apparently covered by landscaping of the adjacent property. The well was located after excavating the area and found to be damaged beyond repair. The original well was drilled out and replaced on 10/18/01. In Nov. 2001, deep zone groundwater monitoring wells were installed on-site (MW-12) and in the vicinity of the site (MW-11 and MW-13) to depths of 45 ft (MW-11 and MW-13) and 50 ft bgs (MW-12) to evaluate the vertical extent of dissolved TPHg and MTBE. 2 additional shallow wells (MW-14 and MW-15) were completed at depths of 30 ft bgs to further evaluate off-site dissolved impacts SW of the USTs. Maximum concentrations of TPHg and MTBE were detected in soil from boring MW-14 at 2.1 ppm and 1.7 ppm, respectively. Elevated concentrations of TPHg, benzene (MW-14 only), and MTBE were detected in wells MW-14 and MW-15 at maximum concentrations of 150,000 ppb, 420 ppb, and 115,000 ppb, respectively. With the exception of

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occasional low levels of TPHg and MTBE in soil, and MTBE in groundwater from well MW-12 (8.5 ppb), TPHg and MTBE were not detected in soil and groundwater from deep zone wells MW-11 through MW-13. The direction of groundwater flow within the shallow zone was northerly on-site, and southwesterly off-site, and the direction of groundwater flow within the deep zone was northeasterly. Interim batch GWE using a vacuum truck occurred between Jul. 2000 - Nov. 2001. Approximately 60,000 gallons of groundwater were extracted from wells EW-1 and MW-3. An estimated 172 pounds of MTBE, 39 pounds of TPHg, and 0.2 pounds of benzene were removed from beneath the site. Jan. 2002, Tosco conducted an enhanced leak detection tracer test on the UST system. The results of the tracer test indicated a moderate-level release from the 10,000-gallon super unleaded UST. The fill and vapor recovery riser areas of the UST were noted as possible source areas. Tosco completed repairs, and proposed to retest the UST system. Feb. 2002, a CAP was submitted, which proposed installation of a dual GWE/SVE system at the site. In November 2002, a dual GWE/SVE system was installed and started-up at the site. Apr. 2003, 1 groundwater extraction well (MW-3A) was installed at the site to replace nearby groundwater extraction well MW-3, which had been filled with silt due to poor well construction and had not been yielding groundwater for extraction and treatment. Well MW-3A was completed to 35 ft bgs. Soil samples did not contain petroleum hydrocarbons and MTBE at or above laboratory MRLs. Well MW-3A was connected to the remediation system on 4/11/03. Dec. 2005, a request was made to reduce reporting requirements associated with the GWE/SVE system. Based on the effectiveness and successful operation of the GWE/SVE system since Superior Court of California, County of Santa Clara Injunction Order No. CV12069 (injunction order) has been in place, and data trends verifying the establishment of generally stable plume conditions, it was proposed that the frequency of reporting the status of the remediation system be reduced from monthly to quarterly. The letter also included a proposal to discontinue monthly gauging of the monitoring well network for the purpose of constructing monthly groundwater elevation contour maps that have historically been included in the monthly remediation system status reports. The operation and performance of the remediation system will be evaluated quarterly, and will be documented in future quarterly monitoring reports. A combined SVE and GWE system had been operational at the site since November 18, 2002. Well MW-15 was taken off-line in early June 2005. Groundwater discharge under the NPDES permit was discontinued in Jan. 2006 due to permit compliance issues related to pH levels in the effluent discharge. The GWE system was modified during the 4th quarter 2006 and currently consists of 3 groundwater extraction wells that pump into an influent settling tank and then into a storage tank. The NPDES permit was canceled Jun. 2006. To maintain the same extracted groundwater flow rate and hydraulic capture zone as during previous system operations, the pumps were not modified. To prevent overfilling, the holding tank is equipped with an automatic level sensor to shut the pumps down when the tank reaches capacity. The SVE system is constructed to have the ability to extract soil vapor from extraction wells MW-3A, MW-14, and EW-1. GWE ceased 11/09. Rebound monitoring underway.

LUST:

Global Id:

T0608500935

Contact Type:

Regional Board Caseworker

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Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608500935
Action Type: Other
Date: 01/02/1986
Action: Leak Reported

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/30/2009
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/30/2010
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/30/2009
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/30/2010
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/15/2003
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 02/20/2012
Action: Well Destruction Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/15/2000
Action: Correspondence

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/15/2003
Action: Remedial Progress Report

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Global Id:	T0608500935
Action Type:	RESPONSE
Date:	05/30/2001
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	06/19/2001
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	06/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	04/25/2011
Action:	Soil and Water Investigation Report
Global Id:	T0608500935
Action Type:	Other
Date:	12/30/1985
Action:	Leak Stopped
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	09/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	10/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	02/25/2002
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	02/25/2002
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0608500935
Action Type:	RESPONSE

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Date: 02/25/2002
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/15/2002
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 05/15/2000
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 06/30/2006
Action: Interim Remedial Action Plan

Global Id: T0608500935
Action Type: RESPONSE
Date: 05/30/2000
Action: Soil and Water Investigation Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/15/2001
Action: Soil and Water Investigation Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/15/2002
Action: Soil and Water Investigation Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 02/15/2003
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 01/13/2011
Action: Staff Letter

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 04/28/2011
Action: Staff Letter

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S100931040

Global Id: T0608500935
Action Type: REMEDIATION
Date: 11/14/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608500935
Action Type: REMEDIATION
Date: 08/07/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608500935
Action Type: RESPONSE
Date: 03/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 11/15/2001
Action: Other Report / Document

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 03/20/2000
Action: Staff Letter - #23810

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 03/30/2000
Action: Staff Letter - #23812

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 03/31/2000
Action: Staff Letter - #23969

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 10/16/2000
Action: Staff Letter - #23814

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 03/09/2001
Action: Staff Letter - #23792

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 03/09/2001
Action: Warning Letter - #23817

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 08/10/2001
Action: * Historical Enforcement - #39669

Global Id: T0608500935
Action Type: ENFORCEMENT

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EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Date: 11/27/2001
Action: Staff Letter - #23851

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 12/05/2001
Action: Staff Letter - #38816

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 12/05/2001
Action: Clean-up and Abatement Order - #39668

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 09/24/2002
Action: Notice of Violation - #39667

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 10/22/2002
Action: Court Injunction - #39670

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 01/01/2003
Action: Staff Letter - #41929

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 12/19/2005
Action: Staff Letter

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 01/27/2006
Action: Staff Letter - #60721

Global Id: T0608500935
Action Type: RESPONSE
Date: 03/27/1999
Action: Soil and Water Investigation Workplan

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/30/2000
Action: Soil and Water Investigation Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 03/15/2003
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

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EDR ID Number
EPA ID Number

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S100931040

Global Id:	T0608500935
Action Type:	RESPONSE
Date:	10/30/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0608500935
Action Type:	ENFORCEMENT
Date:	11/04/2009
Action:	Staff Letter
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	04/30/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	07/15/2001
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	08/15/2001
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	06/13/2011
Action:	Fact Sheets - Public Participation
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	04/30/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	11/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE

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Elevation

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EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Date: 06/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 05/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/15/2002
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 02/09/2011
Action: Other Report / Document

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 02/13/1996
Action: Notice of Responsibility - #39666

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 04/12/1999
Action: Warning Letter - #23957

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 06/07/1999
Action: Staff Letter - #23958

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 12/17/1999
Action: Staff Letter - #23788

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/18/2000
Action: Other Report / Document

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 08/31/2011
Action: Staff Letter

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 11/18/2011
Action: Staff Letter

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/30/2000
Action: Monitoring Report - Quarterly

Map ID
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EDR ID Number
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CAPITOL SNELL 76 (Continued)

S100931040

Global Id:	T0608500935
Action Type:	RESPONSE
Date:	09/15/2000
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	01/07/2011
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	12/15/2004
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	01/11/2011
Action:	Other Workplan
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	12/01/1992
Action:	Preliminary Site Assessment Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	08/31/2000
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	01/09/2006
Action:	CAP/RAP - Other Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	12/15/2000
Action:	Correspondence
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	12/14/2001
Action:	Correspondence
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	03/20/1996
Action:	Correspondence
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	06/29/2006
Action:	Interim Remedial Action Report
Global Id:	T0608500935
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Date: 11/18/2011
Action: Correspondence

Global Id: T0608500935
Action Type: RESPONSE
Date: 02/05/1996
Action: Unauthorized Release Form

Global Id: T0608500935
Action Type: RESPONSE
Date: 03/20/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 11/15/2000
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 11/04/2010
Action: Staff Letter

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/25/2011
Action: Soil and Water Investigation Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/24/2002
Action: Correspondence

Global Id: T0608500935
Action Type: Other
Date: 12/30/1985
Action: Leak Began

Global Id: T0608500935
Action Type: RESPONSE
Date: 06/15/2000
Action: Other Report / Document

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 08/15/2005
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/31/2000
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/15/2000
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/15/2001
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/15/1998
Action: Other Workplan

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/08/2005
Action: Other Report / Document

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 02/27/2012
Action: Closure/No Further Action Letter

Global Id: T0608500935
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Date: 12/30/1985
Action: Leak Discovery

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 07/14/2009
Action: Staff Letter

Global Id: T0608500935
Action Type: RESPONSE
Date: 02/24/2012
Action: Well Destruction Report

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 08/05/2011
Action: Staff Letter

Global Id: T0608500935
Action Type: RESPONSE
Date: 06/21/2004
Action: Other Report / Document

Global Id: T0608500935
Action Type: REMEDIATION
Date: 11/14/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0608500935
Action Type: RESPONSE
Date: 08/05/2010
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 07/07/2006
Action: NPDES / WDR Reports

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/15/2004
Action: Other Report / Document

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 11/18/2008
Action: Staff Letter

Global Id: T0608500935
Action Type: RESPONSE
Date: 09/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 08/15/2004
Action: Remedial Progress Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Global Id:	T0608500935
Action Type:	RESPONSE
Date:	05/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	08/15/2003
Action:	Remedial Progress Report
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	09/15/2001
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	07/30/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	08/15/2000
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	07/15/2000
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	07/30/2000
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	05/05/1999
Action:	Soil and Water Investigation Workplan
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	07/27/2011
Action:	Monitoring Report - Quarterly
Global Id:	T0608500935
Action Type:	RESPONSE
Date:	11/17/1980
Action:	Other Report / Document
Global Id:	T0608500935
Action Type:	REMEDIATION
Date:	11/08/1995
Action:	Excavation
Global Id:	T0608500935
Action Type:	REMEDIATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Date: 02/12/2002
Action: Soil Vapor Extraction (SVE)

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/15/2005
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 05/15/2001
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/15/2002
Action: Interim Remedial Action Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 02/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608500935
Action Type: RESPONSE
Date: 12/15/2003
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: RESPONSE
Date: 04/15/2000
Action: Other Report / Document

Global Id: T0608500935
Action Type: RESPONSE
Date: 11/15/2004
Action: Remedial Progress Report

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 02/25/1999
Action: Staff Letter - #23955

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 11/01/1999
Action: Staff Letter - #23797

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Global Id: T0608500935
Action Type: ENFORCEMENT
Date: 05/27/2011
Action: Notification - Public Notice of Case Closure

Global Id: T0608500935
Action Type: RESPONSE
Date: 10/05/1999
Action: Soil and Water Investigation Report

LUST:

Global Id: T0608500935
Status: Open - Case Begin Date
Status Date: 12/30/1985

Global Id: T0608500935
Status: Open - Site Assessment
Status Date: 06/16/1986

Global Id: T0608500935
Status: Open - Site Assessment
Status Date: 06/07/1999

Global Id: T0608500935
Status: Open - Remediation
Status Date: 11/14/2002

Global Id: T0608500935
Status: Open - Verification Monitoring
Status Date: 11/20/2009

Global Id: T0608500935
Status: Completed - Case Closed
Status Date: 02/27/2012

LUST REG 2:

Region: 2
Facility Id: 43-0930
Facility Status: Remedial action (cleanup) Underway
Case Number: 07S1E34R02f
How Discovered: Not reported
Leak Cause: Unknown
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/16/1986
Pollution Characterization Began: 6/7/1999
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 9/6/2002
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34R02F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

Date Closed: 02/27/2012
EDR Link ID: 07S1E34R02F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E34R02
Oversite Agency: SCCDEH
Date Listed: 1988-01-01 00:00:00
Closed Date: Not reported

CORTESE:

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
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: 2
WID Id: 2 43-0930
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude: 37.276331
Longitude: -121.841491
Record ID: PR0396157
Facility ID: FA0257382

Region: SANTA CLARA
PE#: BP02
Program Description: HMBP FACILITY, 4-6 CHEMICALS
Latitude: 37.276331
Longitude: -121.841491
Record ID: PR0396158
Facility ID: FA0257382

Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR
Latitude: 37.276331
Longitude: -121.841491
Record ID: PR0376310
Facility ID: FA0257382

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

ENF:
Region: 2
Facility Id: 226802
Agency Name: ExxonMobil, BP, Tosco
Place Type: Facility
Place Subtype: Not reported
Facility Type: Municipal/Domestic
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
Of Programs: 1
WDID: 2 43-0930
Reg Measure Id: 169509
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL SNELL 76 (Continued)

S100931040

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): 238664
 Region: 2
 Order / Resolution Number: R2-2001-0135
 Enforcement Action Type: Clean-up and Abatement Order
 Effective Date: 12/05/2001
 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: Enforcement - 2 43-0930
 Description: Not reported
 Program: UST
 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

HIST CORTESE:

Region: CORTESE
 Facility County Code: 43
 Reg By: LTNKA
 Reg Id: 43-0930

D24
ESE
 < 1/8
 0.117 mi.
 619 ft.

76 GAS STATION
3951 SNELL AVE B
SAN JOSE, CA 95136
Site 7 of 8 in cluster D

EDR Hist Auto 1020312347
N/A

Relative:
Higher

EDR Hist Auto

Actual:
161 ft.

Year:	Name:	Type:
1998	BP CAPITOL/SNELL	Gasoline Service Stations, NEC
1999	BP CAPITOL/SNELL	Gasoline Service Stations, NEC
2000	76 GAS STATION	Gasoline Service Stations, NEC
2001	76 GAS STATION	Gasoline Service Stations, NEC
2002	76 GAS STATION	Gasoline Service Stations, NEC
2003	76 GAS STATION	Gasoline Service Stations, NEC
2004	76 GAS STATION	Gasoline Service Stations, NEC
2005	76 GAS STATION	Gasoline Service Stations, NEC
2006	76 GAS STATION	Gasoline Service Stations, NEC
2007	76 GAS STATION	Gasoline Service Stations, NEC
2008	76 GAS STATION	Gasoline Service Stations, NEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 GAS STATION (Continued)

1020312347

2009	76 GAS STATION	Gasoline Service Stations, NEC
2010	76 GAS STATION	Gasoline Service Stations, NEC
2011	76 GAS STATION	Gasoline Service Stations, NEC
2012	76 GAS STATION	Gasoline Service Stations, NEC
2013	76 GAS STATION	Gasoline Service Stations, NEC
2014	76 GAS STATION	Gasoline Service Stations, NEC

D25
ESE
< 1/8
0.117 mi.
619 ft.

TOSCO NORTHWEST CO NO 11209
3951 SNELL RD
SAN JOSE, CA 95136

RCRA-SQG **1000985246**
FINDS **CA0001036623**
ECHO

Site 8 of 8 in cluster D

Relative:
Higher

RCRA-SQG:

Date form received by agency: 02/09/1995
Facility name: TOSCO NORTHWEST CO NO 11209
Facility address: 3951 SNELL RD
SAN JOSE, CA 95136
EPA ID: CA0001036623
Mailing address: UNION ST STE 2500
SEATTLE, WA 98101
Contact: LYNN CHUN
Contact address: 601 UNION ST STE 2500
SEATTLE, WA 98101
Contact country: US
Contact telephone: 206-442-7193
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: TOSCO NORTHWEST CO
Owner/operator address: 601 UNION ST STE 2500
SEATTLE, WA 98101
Owner/operator country: Not reported
Owner/operator telephone: 206-442-7000
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TOSCO NORTHWEST CO NO 11209 (Continued)

1000985246

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: 110002624189

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: 1000985246
 Registry ID: 110002624189
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002624189>

26
North
1/8-1/4
0.164 mi.
866 ft.

PUBLIC STORAGE INC
3620 SNELL AVE
SAN JOSE, CA 95136

RCRA-SQG 1007091430
HAZNET CAR000149369

Relative:
Lower

RCRA-SQG:

Date form received by agency: 11/17/2003
 Facility name: PUBLIC STORAGE INC
 Facility address: 3620 SNELL AVE
 SAN JOSE, CA 95136
 EPA ID: CAR000149369
 Mailing address: 6700 KOLL CENTER PKWY
 NO 330
 PLEASANTON, CA 94566
 Contact: BO D BRUMMETT
 Contact address: 6700 KOLL CENTER PKWY NO 330
 PLEASANTON, CA 94566
 Contact country: US
 Contact telephone: 925-417-8850
 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

Actual:
157 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC STORAGE INC (Continued)

1007091430

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

Owner/Operator Summary:

Owner/operator name: BO BRUMMETT
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: 02/24/1984
Owner/Op end date: Not reported

Owner/operator name: BO BRUMMETT
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: Owner
Owner/Op start date: 02/24/1984
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: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

HAZNET:

envid: 1007091430

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC STORAGE INC (Continued)

1007091430

Year: 2003
GEPAID: CAR000149369
Contact: PUBLIC STORAGE INC
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 6700 KOLL CENTER PKWY
Mailing City,St,Zip: PLEASANTON, CA 945660000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 2.45
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1007091430
Year: 2003
GEPAID: CAR000149369
Contact: PUBLIC STORAGE INC
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 6700 KOLL CENTER PKWY
Mailing City,St,Zip: PLEASANTON, CA 945660000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 4.52
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

E27
North
1/8-1/4
0.211 mi.
1114 ft.

VERIZON WIRELESS: CAPITOL/MONTEREY
3616 HILLCAP AV 398
SAN JOSE, CA 95136
Site 1 of 3 in cluster E

CUPA Listings S105109261
N/A

Relative:
Higher

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.2798458
Longitude: -121.8432989
Record ID: PR0397206
Facility ID: FA0264429

Actual:
158 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E28
North
1/8-1/4
0.211 mi.
1114 ft.

AT&T MOBILITY # 13131 HILLCAP
3616 HILLCAP BLD F
SAN JOSE, CA 95136

SAN JOSE HAZMAT

S107592222
N/A

Site 2 of 3 in cluster E

Relative:
Higher

SAN JOSE HAZMAT:
Region: SAN JOSE
File Num: 410284
Class: Misc. Complex firms and labs

Actual:
158 ft.

E29
North
1/8-1/4
0.211 mi.
1114 ft.

VERIZON WIRELESS (CAPITOL MONT
3616 HILLCAP AVENUE
SAN JOSE, CA 95136

CUPA Listings
EMI
SAN JOSE HAZMAT

S112345345
N/A

Site 3 of 3 in cluster E

Relative:
Higher

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.280028
Longitude: -121.842685
Record ID: PR0401250
Facility ID: FA0269627

Actual:
158 ft.

EMI:

Year: 2011
County Code: 43
Air Basin: SF
Facility ID: 18935
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.001
Reactive Organic Gases Tons/Yr: 0.0008367
Carbon Monoxide Emissions Tons/Yr: 0.006
NOX - Oxides of Nitrogen Tons/Yr: 0.015
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 2012
County Code: 43
Air Basin: SF
Facility ID: 18935
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA 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: 0.003
NOX - Oxides of Nitrogen Tons/Yr: 0.007
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERIZON WIRELESS (CAPITOL MONT (Continued))

S112345345

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2013
County Code: 43
Air Basin: SF
Facility ID: 18935
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA 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: 0.003
NOX - Oxides of Nitrogen Tons/Yr: 0.007
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2014
County Code: 43
Air Basin: SF
Facility ID: 18935
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.000209889
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0.001537104
NOX - Oxides of Nitrogen Tons/Yr: 0.003526685
SOX - Oxides of Sulphur Tons/Yr: 5.981e-006
Particulate Matter Tons/Yr: 0.00019872
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000190771

Year: 2015
County Code: 43
Air Basin: SF
Facility ID: 18935
Air District Name: BA
SIC Code: 4812
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.000209889
Reactive Organic Gases Tons/Yr: 0.000185357
Carbon Monoxide Emissions Tons/Yr: 0.001537104
NOX - Oxides of Nitrogen Tons/Yr: 0.003526685
SOX - Oxides of Sulphur Tons/Yr: 5.981e-006
Particulate Matter Tons/Yr: 0.00019872
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000190771

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 408489
Class: Misc. Complex firms and labs

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

F30
NNW
1/8-1/4
0.216 mi.
1140 ft.

HAIG PRECISION MFG CORP
3616 SNELL AV
SAN JOSE, CA 95136

SAN JOSE HAZMAT

S120629435
N/A

Site 1 of 3 in cluster F

Relative:
Lower

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 602485
Class: Furniture refinishing/Machine Shop

Actual:
157 ft.

F31
NNW
1/8-1/4
0.216 mi.
1140 ft.

BALL SCREWS & ACTUATORS
3616 SNELL AVE
SAN JOSE, CA 95136

RCRA-SQG
FINDS
ECHO
CUPA Listings
HAZNET

1000595563
CAD983595133

Site 2 of 3 in cluster F

Relative:
Lower

RCRA-SQG:

Date form received by agency: 07/15/1991
Facility name: BALL SCREWS & ACTUATORS
Facility address: 3616 SNELL AVE
SAN JOSE, CA 95136
EPA ID: CAD983595133
Contact: MARIO SOLORIO
Contact address: 3616 SNELL AVE
SAN JOSE, CA 95136
Contact country: US
Contact telephone: 408-629-1132
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

Actual:
157 ft.

Owner/Operator Summary:

Owner/operator name: BALL SCREW & ACTUATOR CO INC
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALL SCREWS & ACTUATORS (Continued)

1000595563

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: 110002853029

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: 1000595563
Registry ID: 110002853029
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002853029>

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: BP02
Program Description: HMBP FACILITY, 4-6 CHEMICALS
Latitude: 37.280228
Longitude: -121.84565

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALL SCREWS & ACTUATORS (Continued)

1000595563

Record ID: PR0313536
Facility ID: FA0209078

Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.280228
Longitude: -121.84565
Record ID: PR0424650
Facility ID: FA0209078

HAZNET:

envid: 1000595563
Year: 2004
GEPaid: CAD983595133
Contact: TIM MADDEN/MATERIALS MGR
Telephone: 4086291132
Mailing Name: Not reported
Mailing Address: 970 MCLAUGHLIN AVE BLDG 12
Mailing City,St,Zip: SAN JOSE, CA 951220000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 1.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000595563
Year: 2004
GEPaid: CAD983595133
Contact: TIM MADDEN/MATERIALS MGR
Telephone: 4086291132
Mailing Name: Not reported
Mailing Address: 970 MCLAUGHLIN AVE BLDG 12
Mailing City,St,Zip: SAN JOSE, CA 951220000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 9.38
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000595563
Year: 2004
GEPaid: CAD983595133
Contact: TIM MADDEN/MATERIALS MGR
Telephone: 4086291132
Mailing Name: Not reported
Mailing Address: 970 MCLAUGHLIN AVE BLDG 12
Mailing City,St,Zip: SAN JOSE, CA 951220000
Gen County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BALL SCREWS & ACTUATORS (Continued)

1000595563

TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Transfer Station
Tons: 0.33
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000595563
Year: 2004
GEPaid: CAD983595133
Contact: TIM MADDEN/MATERIALS MGR
Telephone: 4086291132
Mailing Name: Not reported
Mailing Address: 970 MCLAUGHLIN AVE BLDG 12
Mailing City,St,Zip: SAN JOSE, CA 951220000
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.41
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

envid: 1000595563
Year: 2004
GEPaid: CAD983595133
Contact: TIM MADDEN/MATERIALS MGR
Telephone: 4086291132
Mailing Name: Not reported
Mailing Address: 970 MCLAUGHLIN AVE BLDG 12
Mailing City,St,Zip: SAN JOSE, CA 951220000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.3
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Santa Clara

[Click this hyperlink](#) while viewing on your computer to access 66 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F32
NNW
1/8-1/4
0.224 mi.
1184 ft.

FOX FACTORY
3610 SNELL AVE
SAN JOSE, CA 95136

Site 3 of 3 in cluster F

RCRA-SQG **1000593458**
FINDS **CAD982443426**
ECHO

Relative:
Lower

RCRA-SQG:

Date form received by agency: 04/12/1994
 Facility name: FOX FACTORY
 Facility address: 3610 SNELL AVE
 SAN JOSE, CA 95136
 EPA ID: CAD982443426
 Mailing address: 3641 CHARTER PARK DR
 SAN JOSE, CA 95136
 Contact: WARREN BUDENBENDER
 Contact address: 3610 SNELL AVE
 SAN JOSE, CA 95136
 Contact country: US
 Contact telephone: 408-365-9700
 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

Actual:
157 ft.

Owner/Operator Summary:

Owner/operator name: BOB FOX
 Owner/operator address: 3641 CHARTER PARK DR
 SAN JOSE, CA 95136
 Owner/operator country: Not reported
 Owner/operator telephone: 408-269-9201
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOX FACTORY (Continued)

1000593458

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: 110002813867

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: 1000593458
 Registry ID: 110002813867
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002813867>

G33
ENE
1/8-1/4
0.224 mi.
1185 ft.

CHEVRON
175 CAPITOL
SAN JOSE, CA
Site 1 of 2 in cluster G

HIST CORTESE **S110060475**
N/A

Relative:
Higher

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 43
 Reg By: LTNKA
 Reg Id: 43-2095

Actual:
163 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G34 WEST CAPITOL EXP CHEVRON
ENE 175 W CAPITOL EX
1/8-1/4 SAN JOSE, CA 95136
0.224 mi.
1185 ft. Site 2 of 2 in cluster G

LUST S103881136
HIST LUST N/A
SWEEPS UST
CUPA Listings
SAN JOSE HAZMAT

Relative:
Higher

LUST:

Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501925
Global Id: T0608501925
Latitude: 37.2776043045732
Longitude: -121.841897964478
Status: Completed - Case Closed
Status Date: 11/15/1995
Case Worker: UST
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Actual:
163 ft.

LUST:

Global Id: T0608501925
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501925
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608501925
Action Type: Other
Date: 09/07/1995
Action: Leak Reported

Global Id: T0608501925
Action Type: RESPONSE
Date: 06/09/2003
Action: Other Report / Document

Global Id: T0608501925
Action Type: ENFORCEMENT
Date: 11/15/1995
Action: Closure/No Further Action Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST CAPITOL EXP CHEVRON (Continued)

S103881136

LUST:

Global Id: T0608501925
Status: Open - Case Begin Date
Status Date: 09/07/1995

Global Id: T0608501925
Status: Completed - Case Closed
Status Date: 11/15/1995

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1E34R03f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34R03F
Date Closed: 11/15/1995
EDR Link ID: 07S1E34R03F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E34R03
Oversite Agency: SCVWD
Date Listed: 1995-11-14 00:00:00
Closed Date: 1995-11-15 00:00:00

SWEEPS UST:

Status: Active
Comp Number: 402271
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-402271-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST CAPITOL EXP CHEVRON (Continued)

S103881136

STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 402271
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-402271-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 402271
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-402271-000003
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 402271
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-402271-000004
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

CUPA SANTA CLARA:
Region: SANTA CLARA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST CAPITOL EXP CHEVRON (Continued)

S103881136

PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.27745
Longitude: -121.84185
Record ID: PR0398077
Facility ID: FA0264395

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude: 37.27745
Longitude: -121.84185
Record ID: PR0398078
Facility ID: FA0264395

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.278239
Longitude: -121.840337
Record ID: PR0397413
Facility ID: FA0700400

Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.278239
Longitude: -121.840337
Record ID: PR0381631
Facility ID: FA0700400

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 410232
Class: Auto Repair

Region: SAN JOSE
File Num: 402271
Class: Gasoline Station

35
North
1/4-1/2
0.262 mi.
1385 ft.

PACIFIC BELL
3598 HILLCAP AVENUE
SAN JOSE, CA 95136

RCRA-SQG 1000251579
LUST CAT080024797
SWEEPS UST
HIST UST
FINDS
ECHO

Relative:
Higher

RCRA-SQG:

Actual:
158 ft.

Date form received by agency: 09/01/1996
Facility name: PACIFIC BELL
Facility address: 3598 HILLCAP AVENUE
SAN JOSE, CA 95136
EPA ID: CAT080024797
Mailing address: 2 NORTH SECOND ST ROOM 1125
SAN JOSE, CA 95113
Contact: Not reported
Contact address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251579

Contact country: Not reported
Contact telephone: US
Contact email: Not reported
EPA Region: Not reported
Classification: 09
Description: Small Small Quantity Generator
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: THE PACIFIC TELEPHONE AND TELEGRAPH CO
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251579

Historical Generators:

Date form received by agency: 01/26/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:

Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608597634
Global Id: T0608597634
Latitude: 37.281009
Longitude: -121.843597
Status: Completed - Case Closed
Status Date: 06/23/2005
Case Worker: UST
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
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: T0608597634
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608597634
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608597634
Action Type: Other
Date: 07/01/2003
Action: Leak Reported

Global Id: T0608597634
Action Type: RESPONSE
Date: 07/01/2003
Action: Tank Removal Report / UST Sampling Report

Global Id: T0608597634
Action Type: REMEDIATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251579

Date: 06/19/2003
Action: Excavation

Global Id: T0608597634
Action Type: RESPONSE
Date: 08/28/1997
Action: Other Report / Document

Global Id: T0608597634
Action Type: ENFORCEMENT
Date: 06/23/2005
Action: Closure/No Further Action Letter

Global Id: T0608597634
Action Type: Other
Date: 07/01/2003
Action: Leak Discovery

LUST:

Global Id: T0608597634
Status: Open - Case Begin Date
Status Date: 07/01/2003

Global Id: T0608597634
Status: Open - Site Assessment
Status Date: 06/22/2005

Global Id: T0608597634
Status: Completed - Case Closed
Status Date: 06/23/2005

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34H02F
Date Closed: 06/23/2005
EDR Link ID: 07S1E34H02F

SWEEPS UST:

Status: Active
Comp Number: 401471
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-401471-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251579

Status: Active
Comp Number: 401471
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-401471-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:

File Number: 000206B0
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000206B0.pdf>
Region: STATE
Facility ID: 00000016377
Facility Type: Other
Other Type: PHONE CO.
Contact Name: E. J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 THIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107
Total Tanks: 0001

Tank Num: 001
Container Num: G-79-10K
Year Installed: 1979
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110002952154

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC BELL (Continued)

1000251579

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: 1000251579
 Registry ID: 110002952154
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002952154>

H36
WNW
1/4-1/2
0.353 mi.
1865 ft.

SOUTH BAY CIRCUITS, INC. #2
3570 CHARTER PARK DRIVE
SAN JOSE, CA 95136

ENVIROSTOR S118757417
N/A

Site 1 of 2 in cluster H

Relative:
Higher

ENVIROSTOR:

Facility ID: 71002703
 Status: No Action Required
 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 Berkeley
 Assembly: 27
 Senate: 15
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.27925
 Longitude: -121.8492
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD980886063
 Alias Type: EPA Identification Number
 Alias Name: 110002334581
 Alias Type: EPA (FRS #)
 Alias Name: 71002703
 Alias Type: Envirostor ID Number

Actual:
158 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CIRCUITS, INC. #2 (Continued)

S118757417

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

37
NNE
1/4-1/2
0.355 mi.
1877 ft.

GRANITE ROCK COMPANY
100 GRANITE ROCK WY
SAN JOSE, CA 95136

LUST 1000594188
HIST LUST N/A
SWEEPS UST
CUPA Listings
EMI
HIST CORTESE
NPDES
SAN JOSE HAZMAT
WDS

Relative:
Higher

Actual:
158 ft.

LUST:

Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501918
Global Id: T0608501918
Latitude: 37.2828
Longitude: -121.8411
Status: Completed - Case Closed
Status Date: 11/08/1996
Case Worker: UST
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0608501918
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501918
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

LUST:

Global Id: T0608501918
Action Type: Other
Date: 04/21/1995
Action: Leak Reported

Global Id: T0608501918
Action Type: RESPONSE
Date: 11/08/1996
Action: Other Report / Document

Global Id: T0608501918
Action Type: ENFORCEMENT
Date: 11/08/1996
Action: Closure/No Further Action Letter

LUST:

Global Id: T0608501918
Status: Open - Case Begin Date
Status Date: 04/21/1995

Global Id: T0608501918
Status: Completed - Case Closed
Status Date: 11/08/1996

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1E34J01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34J01F
Date Closed: 11/08/1996
EDR Link ID: 07S1E34J01F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E34J01
Oversite Agency: SCVWD
Date Listed: 1995-04-25 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

Closed Date: 1996-11-08 00:00:00

SWEEPS UST:

Status: Not reported
Comp Number: 400617
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400617-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 2

Status: Not reported
Comp Number: 400617
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400617-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2013
Program Description: APSA FACILITY-50,000+ GAL CAPACITY
Latitude: 37.282261
Longitude: -121.841888
Record ID: PR0399696
Facility ID: FA0205235

Region: SANTA CLARA
PE#: 2201
Program Description: GENERATES WASTE OIL ONLY
Latitude: 37.282261
Longitude: -121.841888
Record ID: PR0313489
Facility ID: FA0205235

Region: SANTA CLARA
PE#: BP03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

Program Description: HMBP FACILITY, 7-9 CHEMICALS
Latitude: 37.282261
Longitude: -121.841888
Record ID: PR0396385
Facility ID: FA0205235

EMI:

Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 12286
Air District Name: BA
SIC Code: 1429
Air District Name: BAY AREA 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: .111
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0489

Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 12286
Air District Name: BA
SIC Code: 1429
Air District Name: BAY AREA 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: .098
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0437

Year: 2008
County Code: 43
Air Basin: SF
Facility ID: 12286
Air District Name: BA
SIC Code: 1429
Air District Name: BAY AREA 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: .099
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0441

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

Year: 2009
County Code: 43
Air Basin: SF
Facility ID: 12286
Air District Name: BA
SIC Code: 1429
Air District Name: BAY AREA 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: 9.8000000000000004E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr: 4.3700000000000003E-2

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-2088

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 2
Regulatory Measure Id: 183996
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 2 43I009418
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 11/23/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Granite Rock Co
Discharge Address: PO Box 50001
Discharge City: Watsonville
Discharge State: California
Discharge Zip: 95077
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

OPERATOR CITY: Not reported
OPERATOR STATE: Not reported
OPERATOR ZIP: Not reported
OPERATOR CONTACT NAME: Not reported
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: Not reported
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: Not reported
OPERATOR TYPE: Not reported
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: Not reported
DEVELOPER ZIP: Not reported
DEVELOPER CONTACT NAME: Not reported
DEVELOPER CONTACT TITLE: Not reported
CONSTYPE LINEAR UTILITY IND: Not reported
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: Not reported
RECEIVING WATER NAME: Not reported
CERTIFIER NAME: Not reported
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: Not reported
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

Npdes Number: Not reported
Facility Status: Not reported
Agency Id: Not reported
Region: 2
Regulatory Measure Id: 183996
Order No: Not reported
Regulatory Measure Type: Industrial
Place Id: Not reported
WDID: 2 431009418
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	11/23/1992
STATUS CODE NAME:	Active
STATUS DATE:	11/23/1992
PLACE SIZE:	24
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Reed Carter
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	831-768-2140
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	rcarter@graniterock.com
OPERATOR NAME:	Granite Rock Co
OPERATOR ADDRESS:	PO Box 50001
OPERATOR CITY:	Watsonville
OPERATOR STATE:	California
OPERATOR ZIP:	95077
OPERATOR CONTACT NAME:	John Wilshere
OPERATOR CONTACT TITLE:	Branch Manager
OPERATOR CONTACT PHONE:	831-212-3291
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	jwilshere@graniterock.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	831-227-8780
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Guadalupe River
CERTIFIER NAME:	John Wilshere

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

CERTIFIER TITLE: Business Manager
CERTIFICATION DATE: 06-APR-15
PRIMARY SIC: 1429-Crushed and Broken Stone, NEC
SECONDARY SIC: 3273-Ready-Mixed Concrete
TERTIARY SIC: Not reported

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 400617
Class: Misc. Complex firms and labs

WDS:

Facility ID: San Francisco Bay 431009418
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: 2
Facility Telephone: 4085743000
Facility Contact: ZIRPOLO MICHAEL
Agency Name: GRANITE ROCK CO
Agency Address: PO Box 50001
Agency City,St,Zip: Watsonville 950775001
Agency Contact: KARAS AARON JOHNSTON
Agency Telephone: 8317682015
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 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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANITE ROCK COMPANY (Continued)

1000594188

dairy waste ponds.

38
North
1/4-1/2
0.377 mi.
1992 ft.

UNITED SITE SERVICES
3408 HILLCAP AVE
SAN JOSE, CA 95136

LUST **S104541933**
HIST LUST **N/A**
HIST CORTESE
NPDES
SAN JOSE HAZMAT

Relative:
Higher

LUST:

Actual:
160 ft.

Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500213
Global Id: T0608500213
Latitude: 37.281892
Longitude: -121.844924
Status: Completed - Case Closed
Status Date: 01/22/1992
Case Worker: UST
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0608500213
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608500213
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608500213
Action Type: Other
Date: 01/21/1988
Action: Leak Reported

Global Id: T0608500213
Action Type: ENFORCEMENT
Date: 11/19/1990
Action: Notice of Responsibility - #39664

Global Id: T0608500213
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED SITE SERVICES (Continued)

S104541933

Date: 04/30/1991
Action: Other Report / Document

Global Id: T0608500213
Action Type: ENFORCEMENT
Date: 01/22/1992
Action: Closure/No Further Action Letter

Global Id: T0608500213
Action Type: REMEDIATION
Date: 01/13/1988
Action: Excavation

LUST:

Global Id: T0608500213
Status: Open - Case Begin Date
Status Date: 01/21/1988

Global Id: T0608500213
Status: Open - Site Assessment
Status Date: 12/31/1990

Global Id: T0608500213
Status: Completed - Case Closed
Status Date: 01/22/1992

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1E34H01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 12/31/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34H01F
Date Closed: 01/22/1992
EDR Link ID: 07S1E34H01F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E34H01
Oversite Agency: SCVWD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED SITE SERVICES (Continued)

S104541933

Date Listed: 1989-01-01 00:00:00
Closed Date: 1992-01-22 00:00:00

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0147

NPDES:
Npdes Number: CAS000001
Facility Status: Terminated
Agency Id: 0
Region: 2
Regulatory Measure Id: 434341
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 2 43I024028
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/23/2013
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 04/07/2015
Discharge Name: United Site Services
Discharge Address: 3408 Hillcap Avenue
Discharge City: San Jose
Discharge State: California
Discharge Zip: 95136
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
OPERATOR CITY: Not reported
OPERATOR STATE: Not reported
OPERATOR ZIP: Not reported
OPERATOR CONTACT NAME: Not reported
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: Not reported
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: Not reported
OPERATOR TYPE: Not reported
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: Not reported
DEVELOPER ZIP: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED SITE SERVICES (Continued)

S104541933

DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	2
Regulatory Measure Id:	434341
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	2 431024028
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/07/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	01/23/2013
PROCESSED DATE:	01/23/2013
STATUS CODE NAME:	Terminated
STATUS DATE:	07/22/2015
PLACE SIZE:	7
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Steve Firth
FACILITY CONTACT TITLE:	Yard Manager

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED SITE SERVICES (Continued)

S104541933

FACILITY CONTACT PHONE: 800-322-2263
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: steve.firth@unitedsiteservices.com
OPERATOR NAME: United Site Services
OPERATOR ADDRESS: 3408 Hillcap Avenue
OPERATOR CITY: San Jose
OPERATOR STATE: California
OPERATOR ZIP: 95136
OPERATOR CONTACT NAME: Richard DAndrea
OPERATOR CONTACT TITLE: Director of Compliance and Safety Training
OPERATOR CONTACT PHONE: 508-594-2559
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: richard.dandrea@unitedsiteservices.com
OPERATOR TYPE: Private Business
DEVELOPER NAME: Not reported
DEVELOPER ADDRESS: Not reported
DEVELOPER CITY: Not reported
DEVELOPER STATE: Massachusetts
DEVELOPER ZIP: Not reported
DEVELOPER CONTACT NAME: Not reported
DEVELOPER CONTACT TITLE: Not reported
CONSTYPE LINEAR UTILITY IND: Not reported
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: Not reported
CONSTYPE BELOW GROUND IND: Not reported
CONSTYPE CABLE LINE IND: Not reported
CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESCRIPTION: Not reported
CONSTYPE OTHER IND: Not reported
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Coyote Creek
CERTIFIER NAME: Richard Dandrea
CERTIFIER TITLE: Director of Compliance and Safety Training
CERTIFICATION DATE: 25-JUN-15
PRIMARY SIC: 9999-Nonclassifiable Establishments
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 601633
Class: Auto Wrecking/Misc Simple Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H39
WNW
1/4-1/2
0.378 mi.
1994 ft.

SOUTH BAY CIRCUITS INC NO 3
3565 CHARTER PARK DR
SAN JOSE, CA 95136
Site 2 of 2 in cluster H

RCRA-SQG 1000596173
ENVIROSTOR CAD983601360
CUPA Listings
EMI
HAZNET
SAN JOSE HAZMAT

Relative:
Higher

RCRA-SQG:

Actual:
161 ft.

Date form received by agency: 06/23/2004
Facility name: SOUTH BAY CIRCUITS INC NO 3
Facility address: 3565 CHARTER PARK DR
SAN JOSE, CA 95136
EPA ID: CAD983601360
Mailing address: 210 HILLSDALE AVE
SAN JOSE, CA 95136
Contact: B.J. BRADAC
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 408-978-8992
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: DANIEL FARRELL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/12/1998
Owner/Op end date: Not reported

Owner/operator name: ROLAND SATTERLEE
Owner/operator address: 210 HILLSDALE AVE
SAN JOSE, CA 95136
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: 06/17/1980
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CIRCUITS INC NO 3 (Continued)

1000596173

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
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: 06/23/2004

Site name: SOUTH BAY CIRCUITS INC NO 3
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. 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.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Date form received by agency: 06/25/2002

Site name: SOUTH BAY CIRCUITS, INC #3
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Site name: SOUTH BAY CIRCUITS, INC. #3
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Site name: SOUTH BAY CIRCUITS, INC. #3
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: SOUTH BAY CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 02/22/1996

Site name: SOUTH BAY CIRCUITS, INC.
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CIRCUITS INC NO 3 (Continued)

1000596173

Date form received by agency: 03/10/1994
Site name: SOUTH BAY CIRCUITS INC
Classification: Large Quantity Generator

Date form received by agency: 09/18/1991
Site name: SOUTH BAY CIRCUITS INC
Classification: Large Quantity Generator

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 71003134
Status: Inactive - Needs Evaluation
Status Date: 06/20/2012
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Mark Piros
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 27
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.27946
Longitude: -121.8501
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983601360
Alias Type: EPA Identification Number
Alias Name: 110016843683
Alias Type: EPA (FRS #)
Alias Name: 71003134
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/27/2006
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CIRCUITS INC NO 3 (Continued)

1000596173

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.27947
Longitude: -121.8502
Record ID: PR0420419
Facility ID: FA0278273

Region: SANTA CLARA
PE#: BP02
Program Description: HMBP FACILITY, 4-6 CHEMICALS
Latitude: 37.27947
Longitude: -121.8502
Record ID: PR0420420
Facility ID: FA0278273

EMI:

Year: 2008
County Code: 43
Air Basin: SF
Facility ID: 18810
Air District Name: BA
SIC Code: 3479
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .495
Reactive Organic Gases Tons/Yr: .4583236
Carbon Monoxide Emissions Tons/Yr: .002
NOX - Oxides of Nitrogen Tons/Yr: .006
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: 43
Air Basin: SF
Facility ID: 18810
Air District Name: BA
SIC Code: 3479
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.30199999999999999
Reactive Organic Gases Tons/Yr: 0.27589999999999998
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 6.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CIRCUITS INC NO 3 (Continued)

1000596173

County Code: 43
Air Basin: SF
Facility ID: 18810
Air District Name: BA
SIC Code: 3479
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.30199999999999999
Reactive Organic Gases Tons/Yr: 0.27589999999999998
Carbon Monoxide Emissions Tons/Yr: 0.002
NOX - Oxides of Nitrogen Tons/Yr: 6.0000000000000001E-3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:

envid: 1000596173
Year: 2016
GEPaid: CAL000410650
Contact: KEVIN TRINHLE
Telephone: 4084458047
Mailing Name: Not reported
Mailing Address: 3565 CHARTER PARK DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951366120
Gen County: Santa Clara
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1275
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

envid: 1000596173
Year: 2016
GEPaid: CAL000410650
Contact: KEVIN TRINHLE
Telephone: 4084458047
Mailing Name: Not reported
Mailing Address: 3565 CHARTER PARK DRIVE
Mailing City,St,Zip: SAN JOSE, CA 951366120
Gen County: Santa Clara
TSD EPA ID: CAD980884183
TSD County: Sacramento
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1025
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Santa Clara

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BAY CIRCUITS INC NO 3 (Continued)

1000596173

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 404754
Class: Misc. Complex firms and labs

40
WNW
1/4-1/2
0.384 mi.
2025 ft.

SOUTH BAY CIRCUITS, INC. #1
3511 CHARTER PARK DRIVE
SAN JOSE, CA 95136

ENVIROSTOR **S118757436**
N/A

Relative:
Lower

ENVIROSTOR:

Facility ID: 71003016
Status: No Action Required
Status Date: 01/27/2006
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.5
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 27
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.28009
Longitude: -121.8496
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982358368
Alias Type: EPA Identification Number
Alias Name: 71003016
Alias Type: Envirostor ID Number

Actual:
157 ft.

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 01/27/2006
Comments: Inspection report sent on 1/27/2006

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

SOUTH BAY CIRCUITS, INC. #1 (Continued)

S118757436

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

41
WNW
1/4-1/2
0.384 mi.
2030 ft.

SOUTH VALLEY PLUMBING INC
3591 CHARTER PARK DR
SAN JOSE, CA 95136

LUST **U003782589**
UST **N/A**
SWEEPS UST

Relative:
Higher

LUST:

Lead Agency: SANTA CLARA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004656
 Global Id: T10000004656
 Latitude: 37.2790396
 Longitude: -121.8503054
 Status: Completed - Case Closed
 Status Date: 01/21/2015
 Case Worker: Not reported
 RB Case Number: 14-831
 Local Agency: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: 07S1E34L01f
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Gasoline, MTBE / TBA / Other Fuel Oxygenates
 Site History: January 2013, underground storage tank (gasoline) removed from the site as part of facility closure. Groundwater was present in the excavation. Soil and groundwater samples collected for tank closure were impacted with petroleum hydrocarbons. 6,690 gallons of groundwater were extracted from a well within the tank excavation. Bedrock had been encountered outside of the excavation preventing the installation of wells. Significant reduction in groundwater contamination was reported.

LUST:

Global Id: T10000004656
 Contact Type: Regional Board Caseworker
 Contact Name: Regional Water Board
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY ST SUITE 1400
 City: OAKLAND
 Email: Not reported
 Phone Number: Not reported

LUST:

Global Id: T10000004656
 Action Type: RESPONSE
 Date: 11/03/2014
 Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004656
 Action Type: ENFORCEMENT
 Date: 08/20/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH VALLEY PLUMBING INC (Continued)

U003782589

Action: Staff Letter

Global Id: T10000004656
Action Type: RESPONSE
Date: 02/27/2014
Action: Preliminary Site Assessment Report

Global Id: T10000004656
Action Type: RESPONSE
Date: 03/25/2013
Action: Other Report / Document

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 05/30/2014
Action: Staff Letter

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 01/21/2015
Action: Closure/No Further Action Letter

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 05/15/2013
Action: Other Report

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 03/14/2014
Action: Other Report

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 03/21/2013
Action: Notice of Responsibility

Global Id: T10000004656
Action Type: RESPONSE
Date: 02/27/2014
Action: Conceptual Site Model

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 03/14/2014
Action: Staff Letter

Global Id: T10000004656
Action Type: Other
Date: 01/05/2013
Action: Leak Stopped

Global Id: T10000004656
Action Type: RESPONSE
Date: 10/02/2013
Action: Other Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH VALLEY PLUMBING INC (Continued)

U003782589

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 11/17/2014
Action: Notification - Public Notice of Case Closure

Global Id: T10000004656
Action Type: RESPONSE
Date: 03/14/2013
Action: Unauthorized Release Form

Global Id: T10000004656
Action Type: Other
Date: 03/14/2013
Action: Leak Reported

Global Id: T10000004656
Action Type: RESPONSE
Date: 11/03/2014
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004656
Action Type: RESPONSE
Date: 05/30/2014
Action: Interim Remedial Action Report - Regulator Responded

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 01/15/2013
Action: Site Visit / Inspection / Sampling

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 10/22/2013
Action: Staff Letter

Global Id: T10000004656
Action Type: ENFORCEMENT
Date: 09/03/2014
Action: Site Visit / Inspection / Sampling

Global Id: T10000004656
Action Type: RESPONSE
Date: 10/31/2014
Action: Request for Closure - Regulator Responded

Global Id: T10000004656
Action Type: Other
Date: 01/22/2013
Action: Leak Discovery

Global Id: T10000004656
Action Type: RESPONSE
Date: 10/31/2014
Action: Interim Remedial Action Report

Global Id: T10000004656
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH VALLEY PLUMBING INC (Continued)

U003782589

Date: 10/04/2013
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000004656
Action Type: RESPONSE
Date: 02/27/2014
Action: Preliminary Site Assessment Report

Global Id: T10000004656
Action Type: REMEDIATION
Date: 09/09/2014
Action: Pump & Treat (P&T) Groundwater

LUST:

Global Id: T10000004656
Status: Open - Case Begin Date
Status Date: 01/05/2013

Global Id: T10000004656
Status: Open - Site Assessment
Status Date: 03/20/2013

Global Id: T10000004656
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/09/2014

Global Id: T10000004656
Status: Open - Eligible for Closure
Status Date: 11/14/2014

Global Id: T10000004656
Status: Completed - Case Closed
Status Date: 01/21/2015

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E34L01F
Date Closed: Not reported
EDR Link ID: 07S1E34L01F

UST:

Facility ID: 43-060-403460
Permitting Agency: Santa Clara County Environmental Health
Latitude: 37.278999
Longitude: -121.850533

SWEEPS UST:

Status: Active
Comp Number: 403460
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH VALLEY PLUMBING INC (Continued)

U003782589

Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-403460-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

42
ENE
1/4-1/2
0.403 mi.
2126 ft.

FOSTER GROUP PARTNERSHIP
9605 MONTEREY RD
SAN JOSE, CA 95111

LUST **S103473068**
HIST LUST **N/A**
HIST CORTESE

Relative:
Higher

LUST:

Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501489
Global Id: T0608501489
Latitude: 37.215355
Longitude: -121.736909
Status: Completed - Case Closed
Status Date: 01/05/1995
Case Worker: MEJ
RB Case Number: 43-1527
Local Agency: SANTA CLARA COUNTY LOP
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:

Global Id: T0608501489
Contact Type: Regional Board Caseworker
Contact Name: MARK JOHNSON
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: mjohnson@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608501489
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608501489
Action Type: Other
Date: 01/02/1965
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOSTER GROUP PARTNERSHIP (Continued)

S103473068

Global Id: T0608501489
Action Type: RESPONSE
Date: 01/05/1995
Action: Other Report / Document

Global Id: T0608501489
Action Type: RESPONSE
Date: 01/05/1995
Action: Other Report / Document

Global Id: T0608501489
Action Type: ENFORCEMENT
Date: 01/05/1995
Action: Closure/No Further Action Letter

LUST:

Global Id: T0608501489
Status: Completed - Case Closed
Status Date: 01/05/1995

Global Id: T0608501489
Status: Open - Case Begin Date
Status Date: 01/05/1995

LUST REG 2:

Region: 2
Facility Id: 43-1527
Facility Status: Case Closed
Case Number: 08S2E26N02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 08S2E26N02
Oversite Agency: SFRWQCB
Date Listed: 1995-01-01 00:00:00
Closed Date: 1995-01-05 00:00:00

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1751

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOSTER GROUP PARTNERSHIP (Continued)

S103473068

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1527

**I43
ENE
1/4-1/2
0.449 mi.
2369 ft.**

**EXXON #7-4047
4040 MONTEREY RD
SAN JOSE, CA 95111**

**LUST S101303993
SWEEPS UST N/A
HIST CORTESE**

Site 1 of 3 in cluster I

**Relative:
Higher**

LUST:

Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500574
Global Id: T0608500574
Latitude: 37.2790555882714
Longitude: -121.835761070251
Status: Completed - Case Closed
Status Date: 10/20/1999
Case Worker: UST
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

**Actual:
173 ft.**

LUST:

Global Id: T0608500574
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608500574
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608500574
Action Type: Other
Date: 12/07/1984
Action: Leak Reported

Global Id: T0608500574
Action Type: RESPONSE
Date: 11/05/1997
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON #7-4047 (Continued)

S101303993

Global Id: T0608500574
Action Type: ENFORCEMENT
Date: 05/16/1991
Action: Notice of Responsibility - #39672

Global Id: T0608500574
Action Type: ENFORCEMENT
Date: 10/28/1997
Action: Staff Letter - #23713

Global Id: T0608500574
Action Type: ENFORCEMENT
Date: 10/20/1999
Action: Closure/No Further Action Letter

Global Id: T0608500574
Action Type: RESPONSE
Date: 02/25/1994
Action: Other Report / Document

Global Id: T0608500574
Action Type: REMEDIATION
Date: 08/16/1984
Action: Excavation

Global Id: T0608500574
Action Type: REMEDIATION
Date: 08/16/1984
Action: Soil Vapor Extraction (SVE)

Global Id: T0608500574
Action Type: RESPONSE
Date: 02/25/1994
Action: Other Report / Document

LUST:

Global Id: T0608500574
Status: Open - Case Begin Date
Status Date: 12/07/1984

Global Id: T0608500574
Status: Open - Site Assessment
Status Date: 03/11/1988

Global Id: T0608500574
Status: Open - Site Assessment
Status Date: 03/23/1989

Global Id: T0608500574
Status: Completed - Case Closed
Status Date: 10/20/1999

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E35L02F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON #7-4047 (Continued)

S101303993

Date Closed: 10/20/1999
EDR Link ID: 07S1E35L02F

SWEEPS UST:

Status: Not reported
Comp Number: 404420
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-404420-000001
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 4

Status: Not reported
Comp Number: 404420
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-404420-000002
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 404420
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-404420-000003
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 404420

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON #7-4047 (Continued)

S101303993

Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-404420-000004
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0532

I44
ENE
1/4-1/2
0.449 mi.
2369 ft.

EXXON #7-4047
4040 MONTEREY RD
SAN JOSE, CA 95111

LUST **S104397003**
HIST LUST **N/A**

Site 2 of 3 in cluster I

Relative:
Higher

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1E35L02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/11/1988
Pollution Characterization Began: 3/23/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Actual:
173 ft.

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E35L02
Oversite Agency: SCVWD
Date Listed: 1985-01-01 00:00:00
Closed Date: 1999-10-20 00:00:00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I45
ENE
1/4-1/2
0.455 mi.
2402 ft.

SPARKLE CLEAN CLEANERS
4102 MONTEREY HIGHWAY
SAN JOSE, CA 95111

Site 3 of 3 in cluster I

SLIC 1004441119
FINDS N/A
DRYCLEANERS
EMI
SAN JOSE HAZMAT

Relative:
Higher

SLIC:

Actual:
173 ft.

Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 05/31/2012
 Global Id: T10000004126
 Lead Agency: SANTA CLARA COUNTY LOP
 Lead Agency Case Number: 07S1E35L05s
 Latitude: 37.2793629153467
 Longitude: -121.8343770504
 Case Type: Cleanup Program Site
 Case Worker: AC
 Local Agency: SANTA CLARA COUNTY LOP
 RB Case Number: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Potential Media Affected: Other Groundwater (uses other than drinking water), Soil Vapor
 Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)
 Site History: Former dry cleaner; dry cleaning operations onsite from 1960's to 2011 when the dry cleaning machines were removed. The site is located in the Monterey Road Shopping Center and is surrounded by light commercial and residential neighborhoods. Phase II investigation was conducted in November 2011 and reported the presence of PCE and its daughter products in soil vapor, but not soil. Groundwater monitoring wells installed and PCE found in be present in groundwater.

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

FINDS:

Registry ID: 110010462221
 Environmental Interest/Information System
 HAZARDOUS AIR POLLUTANT MAJOR

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

DRYCLEANERS:

EPA Id: CAL000006183
 NAICS Code: 81232
 NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
 SIC Code: 7211
 SIC Description: Power Laundries, Family and Commercial
 Create Date: 11/14/1989
 Facility Active: No
 Inactive Date: 06/30/2013
 Facility Addr2: Not reported
 Owner Name: POURKALDANI ROBERT
 Owner Address: 4102 MONTEREY HWY
 Owner Address 2: Not reported
 Owner Telephone: 4082276115
 Contact Name: POURKALDANI ROBERT/OWNER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPARKLE CLEAN CLEANERS (Continued)

1004441119

Contact Address: 4102 MONTEREY HWY
Contact Address 2: Not reported
Contact Telephone: 4082276115
Mailing Name: Not reported
Mailing Address 1: 4102 MONTEREY HWY
Mailing Address 2: Not reported
Mailing City: SAN JOSE
Mailing State: CA
Mailing Zip: 951113626
Owner Fax: 0000000000
Region Code: 2

EMI:

Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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

Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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 Smlr Tons/Yr:0

Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPARKLE CLEAN CLEANERS (Continued)

1004441119

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

Year: 1997
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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

Year: 1998
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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

Year: 1999
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPARKLE CLEAN CLEANERS (Continued)

1004441119

Year: 2000
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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 Smlr Tons/Yr:0

Year: 2001
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 2002
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 2003
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPARKLE CLEAN CLEANERS (Continued)

1004441119

Air District Name: BAY AREA 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: 2004
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.111
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: 2005
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA 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: 2006
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .067
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPARKLE CLEAN CLEANERS (Continued)

1004441119

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: 2007
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .067
Reactive Organic Gases Tons/Yr: .0468062
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: 2008
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .067
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: 2009
County Code: 43
Air Basin: SF
Facility ID: 4433
Air District Name: BA
SIC Code: 7216
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7.3999999999999996E-2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2010

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPARKLE CLEAN CLEANERS (Continued)

1004441119

County Code: 43
 Air Basin: SF
 Facility ID: 4433
 Air District Name: BA
 SIC Code: 7216
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 6.7000000000000004E-2
 Reactive Organic Gases Tons/Yr: 4.6806199999999999E-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: 43
 Air Basin: SF
 Facility ID: 4433
 Air District Name: BA
 SIC Code: 7216
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0.067
 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

SAN JOSE HAZMAT:

Region: SAN JOSE
 File Num: 403763
 Class: Auto Wrecking/Misc Simple Facility

46
ENE
1/4-1/2
0.469 mi.
2474 ft.

UNITED #5444
4144 MONTEREY RD
SAN JOSE, CA 95111

LUST S101303995
HIST LUST N/A
SWEEPS UST
CUPA Listings
HIST CORTESE

Relative:
Higher

LUST:

Actual:
173 ft.

Lead Agency: SANTA CLARA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501442
 Global Id: T0608501442
 Latitude: 37.2784580042551
 Longitude: -121.835052967072
 Status: Completed - Case Closed
 Status Date: 11/01/1999
 Case Worker: UST
 RB Case Number: Not reported
 Local Agency: SANTA CLARA COUNTY LOP
 File Location: Stored on Microfiche

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED #5444 (Continued)

S101303995

Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0608501442
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501442
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

LUST:

Global Id: T0608501442
Action Type: Other
Date: 11/18/1986
Action: Leak Reported

Global Id: T0608501442
Action Type: ENFORCEMENT
Date: 12/10/1993
Action: Notice of Violation - #39671

Global Id: T0608501442
Action Type: ENFORCEMENT
Date: 01/05/1995
Action: Staff Letter - #23696

Global Id: T0608501442
Action Type: ENFORCEMENT
Date: 11/01/1999
Action: Closure/No Further Action Letter

Global Id: T0608501442
Action Type: RESPONSE
Date: 06/23/1998
Action: Other Report / Document

Global Id: T0608501442
Action Type: RESPONSE
Date: 06/23/1998
Action: Other Report / Document

Global Id: T0608501442
Action Type: REMEDIATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED #5444 (Continued)

S101303995

Date: 06/09/1988
Action: Excavation

Global Id: T0608501442
Action Type: REMEDIATION
Date: 06/09/1988
Action: Free Product Removal

Global Id: T0608501442
Action Type: REMEDIATION
Date: 06/09/1988
Action: Soil Vapor Extraction (SVE)

Global Id: T0608501442
Action Type: RESPONSE
Date: 05/11/2009
Action: Correspondence

Global Id: T0608501442
Action Type: RESPONSE
Date: 04/24/2009
Action: Soil and Water Investigation Report

Global Id: T0608501442
Action Type: RESPONSE
Date: 02/15/1995
Action: Monitoring Report - Quarterly

LUST:

Global Id: T0608501442
Status: Open - Case Begin Date
Status Date: 11/18/1986

Global Id: T0608501442
Status: Open - Site Assessment
Status Date: 03/11/1988

Global Id: T0608501442
Status: Open - Site Assessment
Status Date: 05/16/1989

Global Id: T0608501442
Status: Completed - Case Closed
Status Date: 11/01/1999

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1E35L01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED #5444 (Continued)

S101303995

Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 3/11/1988
Pollution Characterization Began: 5/16/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 07S1E35L01F
Date Closed: 11/01/1999
EDR Link ID: 07S1E35L01F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1E35L01
Oversite Agency: SCVWD
Date Listed: 1987-01-01 00:00:00
Closed Date: 1999-11-01 00:00:00

SWEEPS UST:

Status: Active
Comp Number: 400789
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400789-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 400789
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400789-000002
Tank Status: A
Capacity: 120000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED #5444 (Continued)

S101303995

Status: Active
Comp Number: 400789
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400789-000003
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 400789
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400789-000004
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS
Latitude: 37.2785741
Longitude: -121.8356689
Record ID: PR0411717
Facility ID: FA0272201

Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Latitude: 37.2785741
Longitude: -121.8356689
Record ID: PR0411720
Facility ID: FA0272201

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD
Latitude: 37.2785741
Longitude: -121.8356689
Record ID: PR0397963

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED #5444 (Continued)

S101303995

Facility ID: FA0272201

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1472

47
NW
1/2-1
0.719 mi.
3798 ft.

**PROPOSED COMMUNICATION HILL K-8 SCHOOL
HIGHWAY 87
SAN JOSE, CA 95112**

**ENVIROSTOR S107737073
SCH N/A**

**Relative:
Higher**

ENVIROSTOR:

Facility ID: 60000164
Status: Inactive - Needs Evaluation
Status Date: 06/21/2006
Site Code: 204173
Site Type: School Investigation
Site Type Detailed: School
Acres: 17
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 27
Senate: 15
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.28541
Longitude: -121.8515
APN: 455-09-057
Past Use: NONE
Potential COC: Naturally Occurring Asbestos (NOA Mercury (elemental
Confirmed COC: 40002-NO 30014-NO
Potential Description: SOIL
Alias Name: Proposed Community Hill K-8
Alias Type: Alternate Name
Alias Name: 455-09-057
Alias Type: APN
Alias Name: 204173
Alias Type: Project Code (Site Code)
Alias Name: 60000164
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/16/2007
Comments: A CRU was issued to close out this project. The site has been inactive for a year and will be closed.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROPOSED COMMUNICATION HILL K-8 SCHOOL (Continued)

S107737073

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 06/20/2006
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

SCH:

Facility ID: 60000164
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 17
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 204173
Assembly: 27
Senate: 15
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 06/21/2006
Restricted Use: NO
Funding: School District
Latitude: 37.28541
Longitude: -121.8515
APN: 455-09-057
Past Use: NONE
Potential COC: Naturally Occurring Asbestos (NOA, Mercury (elemental
Confirmed COC: 40002-NO, 30014-NO
Potential Description: SOIL
Alias Name: Proposed Community Hill K-8
Alias Type: Alternate Name
Alias Name: 455-09-057
Alias Type: APN
Alias Name: 204173
Alias Type: Project Code (Site Code)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROPOSED COMMUNICATION HILL K-8 SCHOOL (Continued)

S107737073

Alias Name: 60000164
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/16/2007
Comments: A CRU was issued to close out this project. The site has been inactive for a year and will be closed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/27/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 06/20/2006
Comments: Not reported

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

Count: 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>
SAN JOSE	S107995677	COCHRANE PLAZA CHEVROLET	19490 MONTEREY RD		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	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.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 04/16/2018
	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 know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/17/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/17/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	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: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/08/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/26/2018
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/12/2018
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/12/2018
	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: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018

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: 10/30/2017

Date Data Arrived at EDR: 10/31/2017

Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

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: 10/30/2017

Date Data Arrived at EDR: 10/31/2017

Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

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: 11/13/2017

Date Data Arrived at EDR: 11/14/2017

Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

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: 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: 12/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: see region list
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

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 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 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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 R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/14/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6271
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	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: 04/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3372
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	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: 04/26/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-7439
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	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: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2017	Telephone: 206-553-2857
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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: 12/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/26/2018
	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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/26/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 05/07/2018
	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: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	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: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	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: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	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.

Date of Government Version: 10/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/31/2017	Telephone: 916-323-3400
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/31/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/12/2018
	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	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/20/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
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: 08/21/2017
Date Data Arrived at EDR: 09/20/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/02/2018
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.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 05/31/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 76

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/26/2018
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: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
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: 11/03/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
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: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/08/2018
Next Scheduled EDR Contact: 04/23/2018
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
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/27/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 19

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/04/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-323-3400
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 12/05/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/21/2017	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/21/2017	Telephone: 202-366-4555
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/09/2018
	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: 05/09/2017	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2017	Telephone: 916-845-8400
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

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: 12/11/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/26/2018
	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: 12/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/22/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/05/2018
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/22/2018
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2017
Next Scheduled EDR Contact: 02/26/2018
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: 10/17/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/19/2018
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
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 03/05/2018
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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 03/19/2018
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: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/22/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/19/2018
	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: 01/12/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	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: 01/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/23/2018
	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: 01/19/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/05/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/19/2018
	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: 12/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	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: 10/26/2017
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/05/2018
	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: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/04/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/16/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 02/12/2018
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.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/02/2018
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: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
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: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 02/19/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/16/2018
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

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: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
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: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 03/26/2018
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: 07/23/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 9

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/19/2018
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: 06/27/2017
Date Data Arrived at EDR: 11/21/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/06/2017	Telephone: 202-564-2280
Date Made Active in Reports: 10/20/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/20/2017	Source: EPA
Date Data Arrived at EDR: 11/20/2017	Telephone: 800-385-6164
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/05/2018
	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 09/21/2017	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2017	Telephone: 916-323-3400
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 08/02/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/08/2017	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 11/30/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 147	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2017	Telephone: 916-445-9379
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/23/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2017	Telephone: 916-255-3628
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/07/2018
	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: 11/14/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/17/2017	Telephone: 916-341-6066
Date Made Active in Reports: 12/18/2017	Last EDR Contact: 11/09/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/26/2018
	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.

Date of Government Version: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 01/08/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/20/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/20/2017	Telephone: 877-786-9427
Date Made Active in Reports: 12/27/2017	Last EDR Contact: 11/20/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/05/2018
	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 [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/20/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/20/2017	Telephone: 916-323-3400
Date Made Active in Reports: 12/27/2017	Last EDR Contact: 11/20/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/05/2018
	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: 10/10/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/10/2017	Telephone: 916-440-7145
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 01/09/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/23/2018
	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: 12/11/2017	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2017	Telephone: 916-322-1080
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 12/12/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/26/2018
	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.

Date of Government Version: 11/29/2017	Source: Department of Public Health
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-558-1784
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 12/05/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/13/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/14/2017	Telephone: 916-445-9379
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 23	Next Scheduled EDR Contact: 02/26/2018
	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: 12/04/2017	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-445-4038
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 12/05/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 35

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
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: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
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: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
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 board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/23/2018
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: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
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: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 15

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/20/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 51

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 10/31/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 13

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/06/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 21

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 40

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/25/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 19

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/20/2017
Number of Days to Update: 43

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/09/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 5

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 5

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 10/17/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 51

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/17/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

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: 01/10/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 10/26/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/06/2017
Number of Days to Update: 10

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 12

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 14

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 11/21/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 30

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 11/28/2017
Number of Days to Update: 74

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 8

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 28

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2017	Source: Health Care Agency
Date Data Arrived at EDR: 11/07/2017	Telephone: 714-834-3446
Date Made Active in Reports: 12/19/2017	Last EDR Contact: 11/07/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/19/2018
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/06/2017	Telephone: 530-745-2363
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 11/30/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 10/23/2017	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 11/03/2017	Telephone: 530-283-6355
Date Made Active in Reports: 11/15/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017	Telephone: 951-358-5055
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 12/15/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017	Telephone: 951-358-5055
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 12/15/2017
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 3

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 44

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 46

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/05/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 37

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 4

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/06/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 12/13/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/16/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 49

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

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: 30

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 34

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 50

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/10/2017
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 6

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 12/04/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 15

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 22

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/08/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/27/2017	Source: Environmental Health Division
Date Data Arrived at EDR: 12/13/2017	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 12/11/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/02/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 01/09/2018	Telephone: 530-666-8646
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 01/02/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/10/2017	Telephone: 530-749-7523
Date Made Active in Reports: 11/16/2017	Last EDR Contact: 10/25/2017
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/12/2018
	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: 11/11/2017	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2017	Telephone: 860-424-3375
Date Made Active in Reports: 12/18/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 107	Next Scheduled EDR Contact: 04/23/2018
	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: 10/01/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/12/2018
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: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
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

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

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 & Game

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

PUBLIC STORAGE
231 W CAPITOL EXPRESSWAY
SAN JOSE, CA 95136

TARGET PROPERTY COORDINATES

Latitude (North):	37.277018 - 37° 16' 37.26"
Longitude (West):	121.843745 - 121° 50' 37.48"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	602509.0
UTM Y (Meters):	4126026.2
Elevation:	158 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640414 SAN JOSE EAST, 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 principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

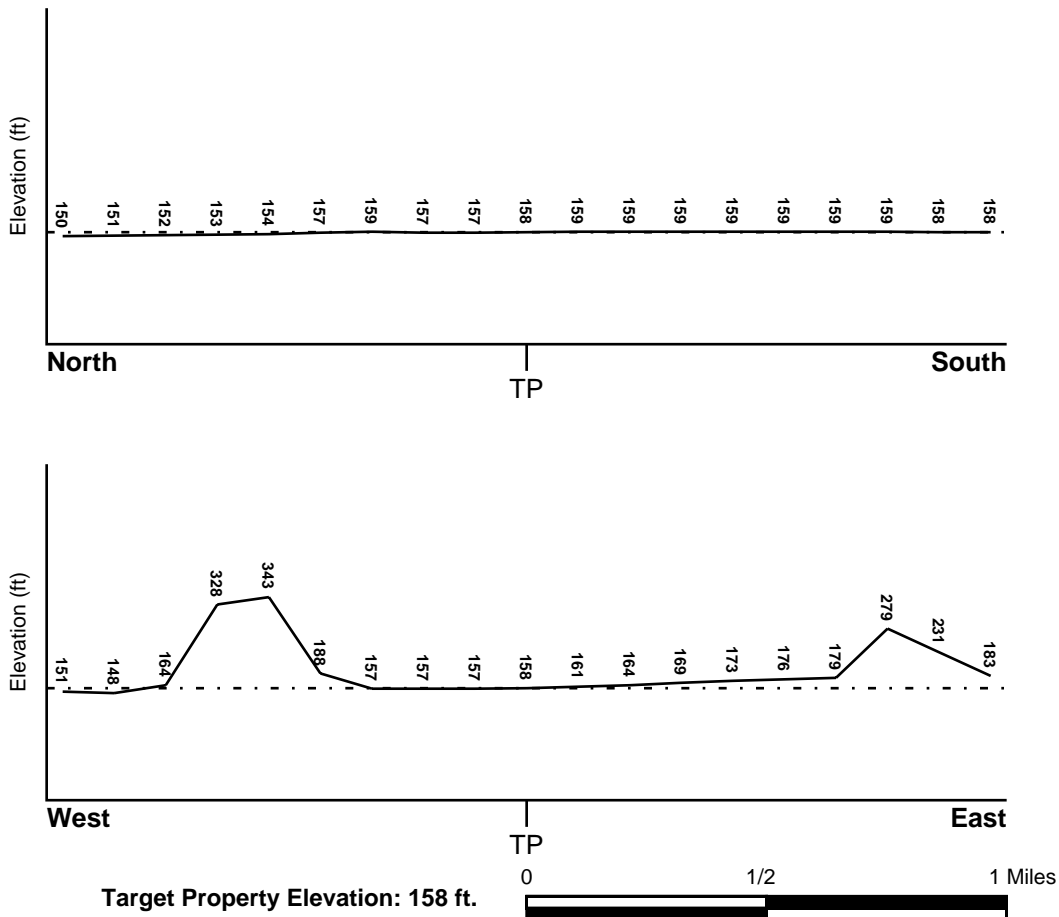
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06085C0264H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06085C0261H	FEMA FIRM Flood data
06085C0262H	FEMA FIRM Flood data
06085C0263H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SAN JOSE EAST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: 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).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: BOTELLA

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

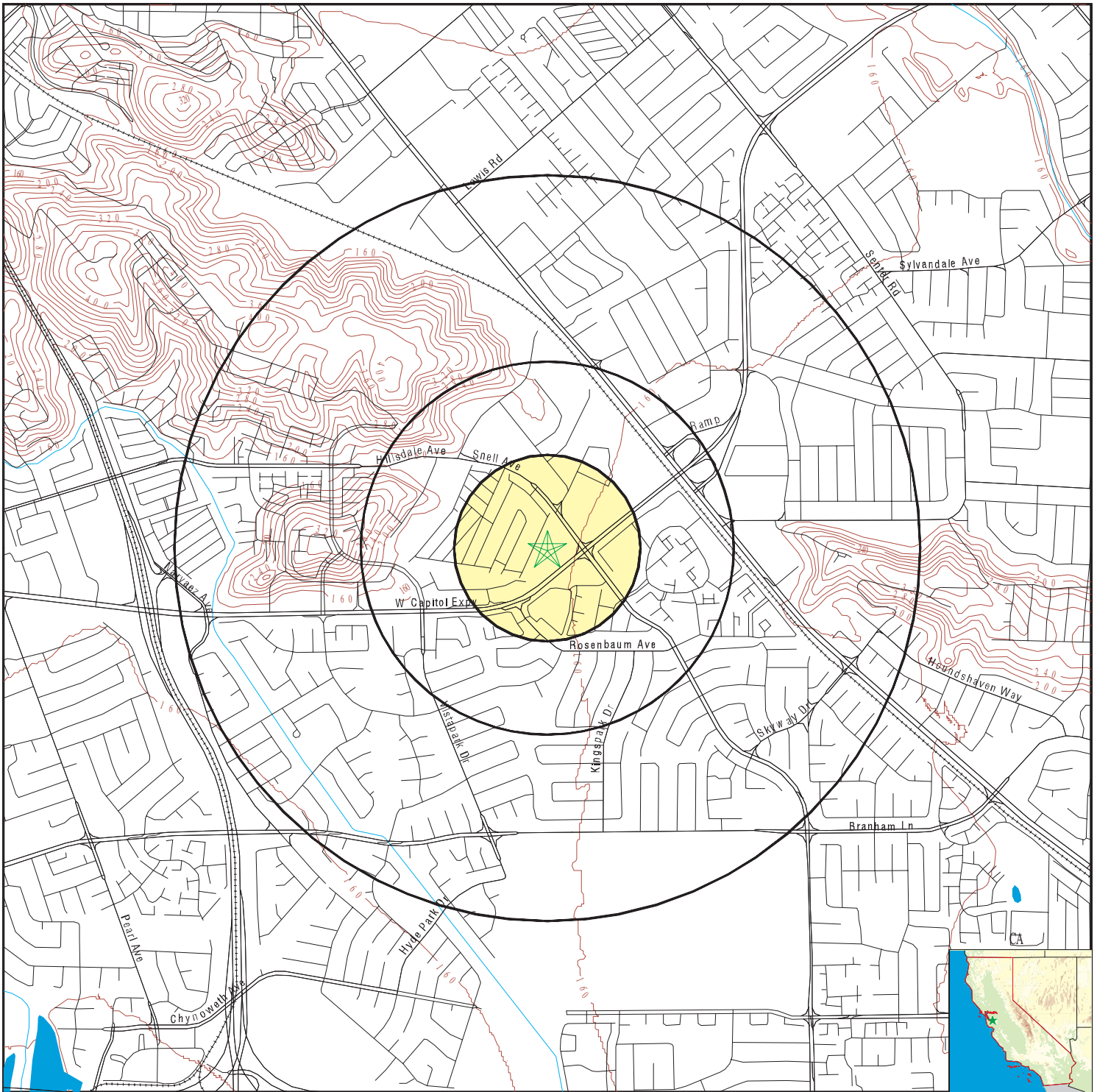
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

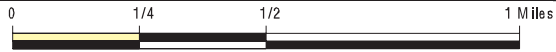
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5169515.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Public Storage
 ADDRESS: 231 W Capitol Expressway
 San Jose CA 95136
 LAT/LONG: 37.277018 / 121.843745

CLIENT: Champlain Global
 CONTACT: John Krusinski
 DATE: January 26, 2018 4:50 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95136	3	0

Federal EPA Radon Zone for SANTA CLARA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95136

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 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 & Game

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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Historical Aerials



Public Storage

231 West Capitol Expressway
San Jose, CA 95136

January 26, 2018

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

01/26/18

Site Name:

Public Storage
231 W Capitol Expressway
San Jose, CA 95136

Client Name:

Champlain Global
2795 Middleton Road
Hudson, OH 44236-0000
Contact: John Krusinski



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: August 27, 1998	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: July 12, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	USGS
1956	1"=500'	Flight Date: July 02, 1956	USDA
1950	1"=500'	Flight Date: April 01, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1939	1"=500'	Flight Date: August 05, 1939	USDA

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INQUIRY #: 6169515.9

YEAR 2010

- 500'





INQUIRY #: 6169515.9

YEAR 2006

- 500'





INQUIRY #: 6169515.9

YEAR 1998

- 500'





INQUIRY #: 6169515.9

YEAR 1982

- 500'





INQUIRY #: 6169515.9

YEAR 1974

- 500'





INQUIRY #: 6169515.9

YEAR 1968

- 50'



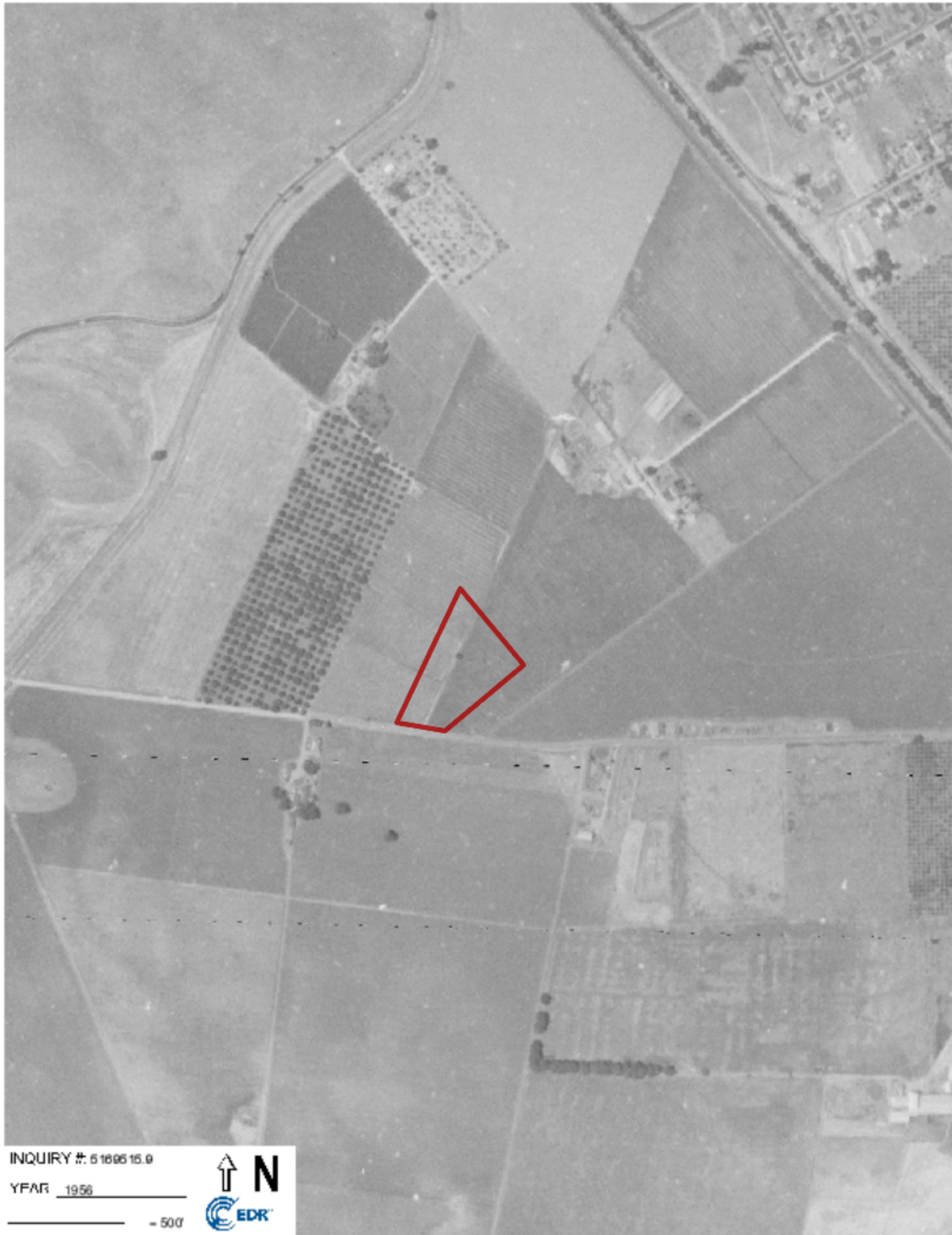


INQUIRY #: 6169515.9

YEAR 1963

- 500'





INQUIRY #: 6169515.9

YEAR 1956

500'





INQUIRY #: 6189515.9

YEAR 1950

- 50'





INQUIRY #: 6169515.9

YEAR 1948

- 500'





INQUIRY #: 6169515.9

YEAR 1939

- 500'



Historical Topographic Maps



Public Storage

231 W Capitol Expressway
San Jose, CA 95136

January 26, 2018

EDR Historical Topo Map Report
with QuadMatch™



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

EDR Historical Topo Map Report

01/26/18

Site Name:

Public Storage
231 W Capitol Expressway
San Jose, CA 95136

Client Name:

Champlain Global
2795 Middleton Road
Hudson, OH 44236-0000
Contact: John Krusinski



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Champlain Global were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.#	NA	Latitude:	37.277018 37° 16' 37" North
Project:	18-2045	Longitude:	-121.843745 -121° 50' 37" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	602506.47
		UTM Y Meters:	4126230.10
		Elevation:	158.00' above sea level

Maps Provided:

2012	1889
1980	
1973	
1968	
1961	
1953	
1899	
1897	

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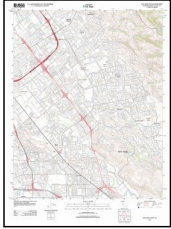
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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



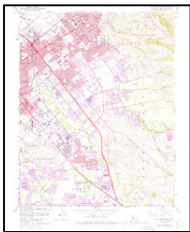
San Jose East
2012
7.5-minute, 24000

1980 Source Sheets



San Jose East
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets



San Jose East
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets

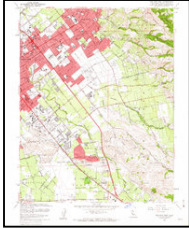


San Jose East
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1961 Source Sheets



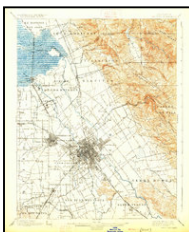
San Jose East
1961
7.5-minute, 24000
Aerial Photo Revised 1960

1953 Source Sheets



San Jose East
1953
7.5-minute, 24000
Aerial Photo Revised 1948

1899 Source Sheets



San Jose
1899
15-minute, 62500

1897 Source Sheets



San Jose
1897
15-minute, 62500

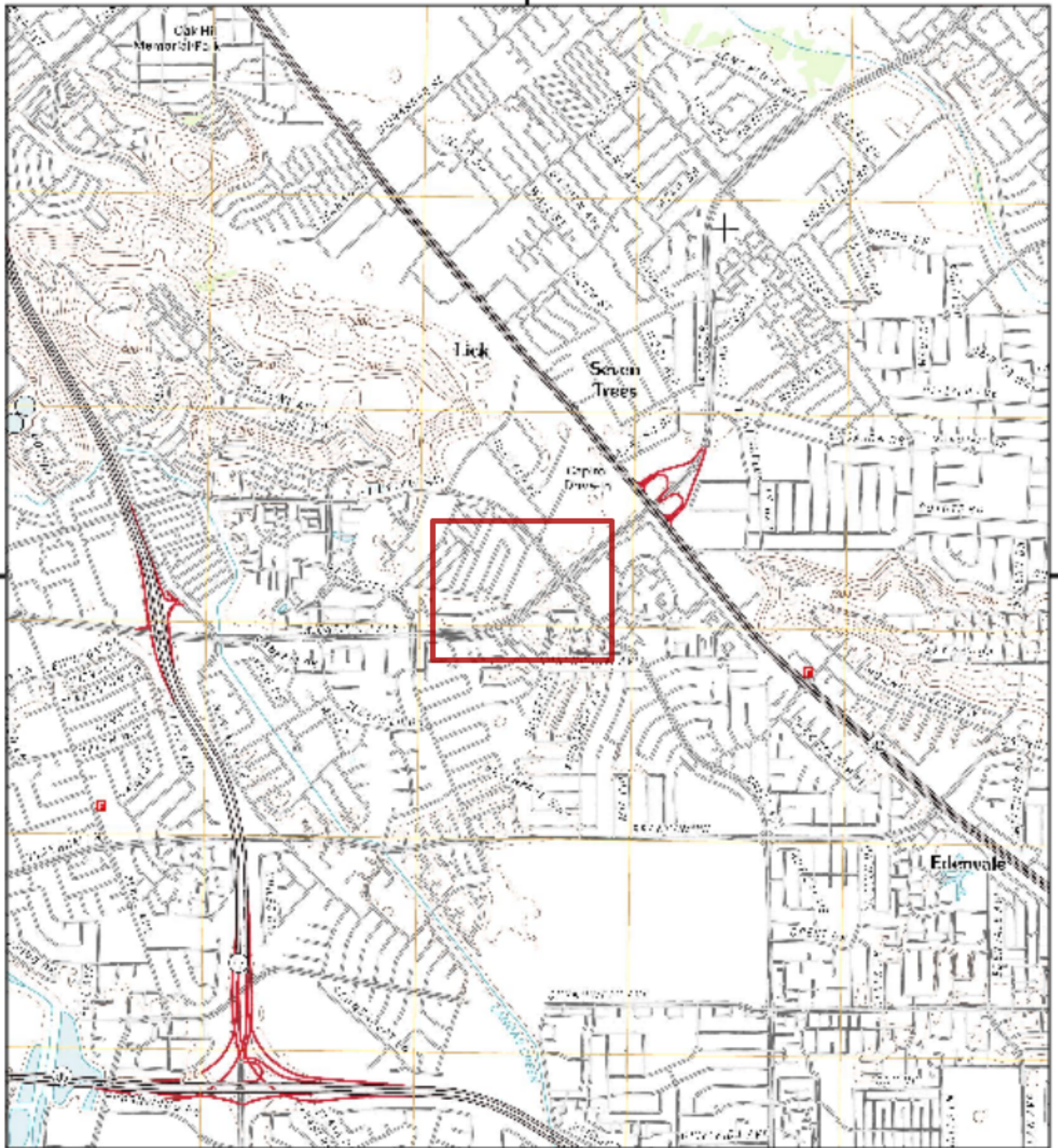
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

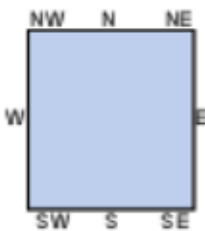
1889 Source Sheets



San Jose
1889
15-minute, 62500



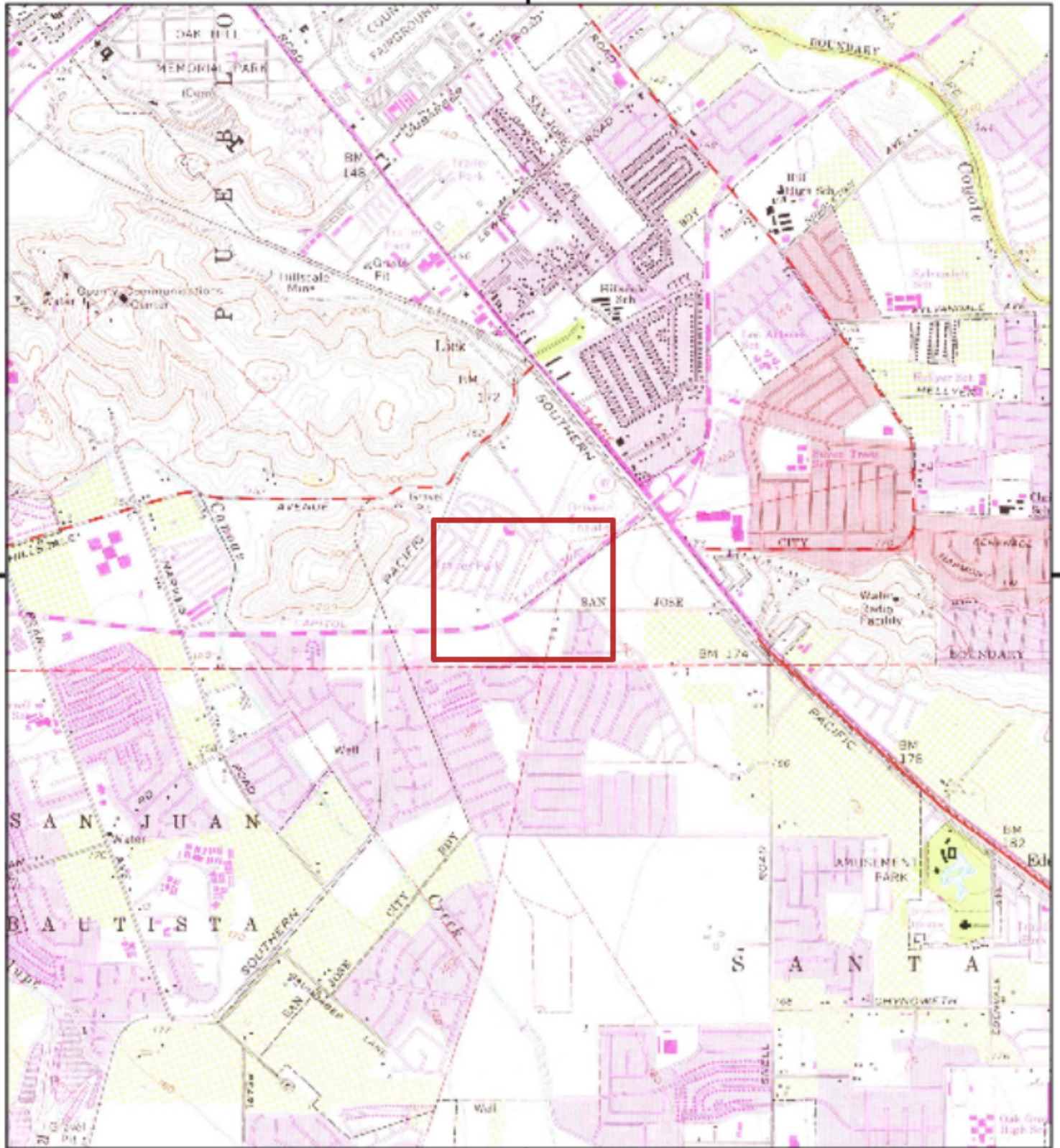
This report includes information from the following map sheet(s).



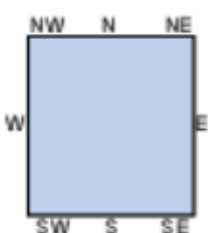
TP, San Jose East, 2012, 7.5-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global



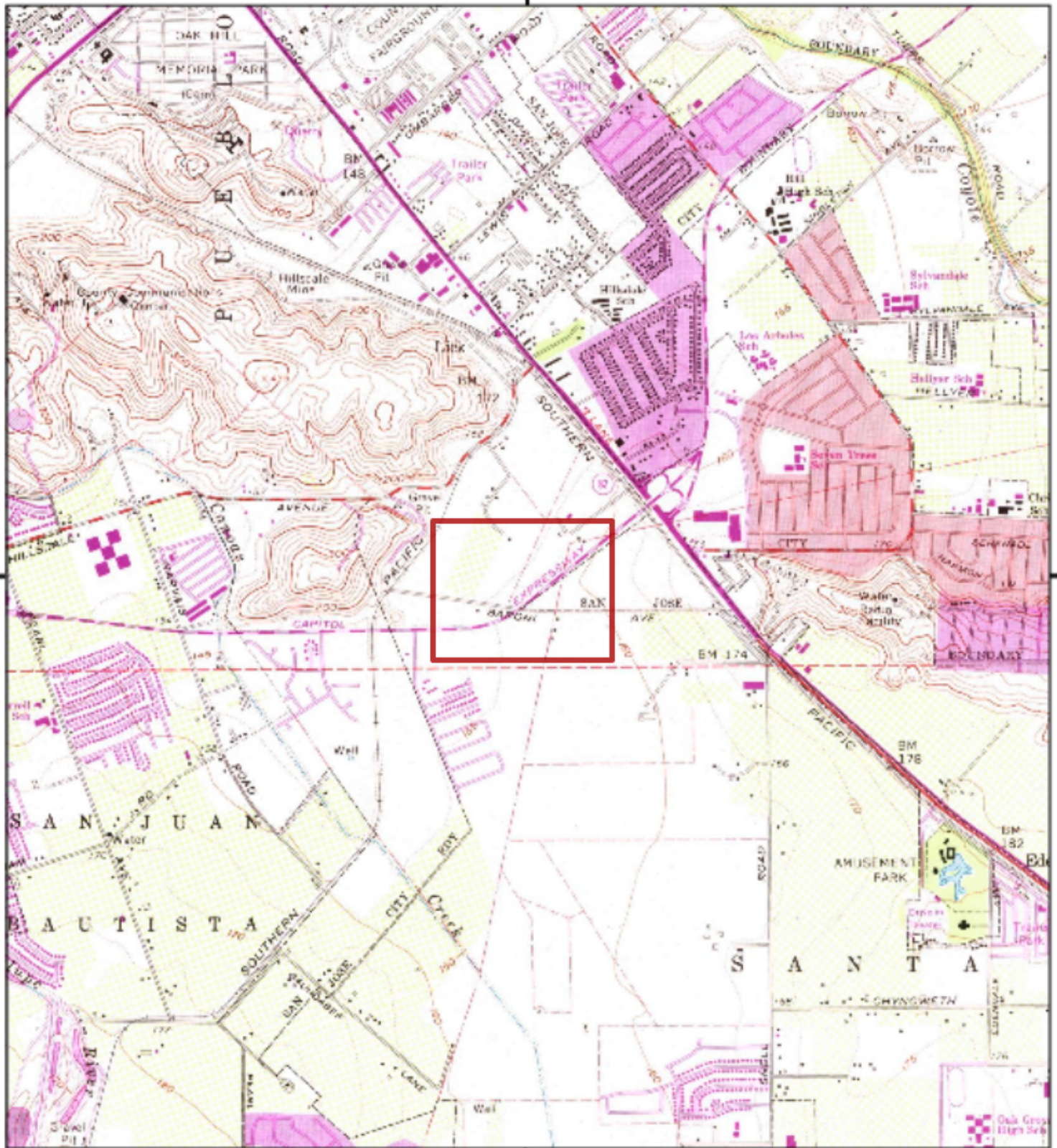


This report includes information from the following map sheet(s).

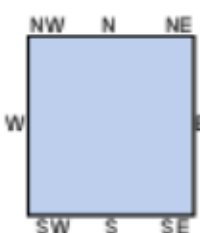


TP, San Jose East, 1973, 7.5-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global

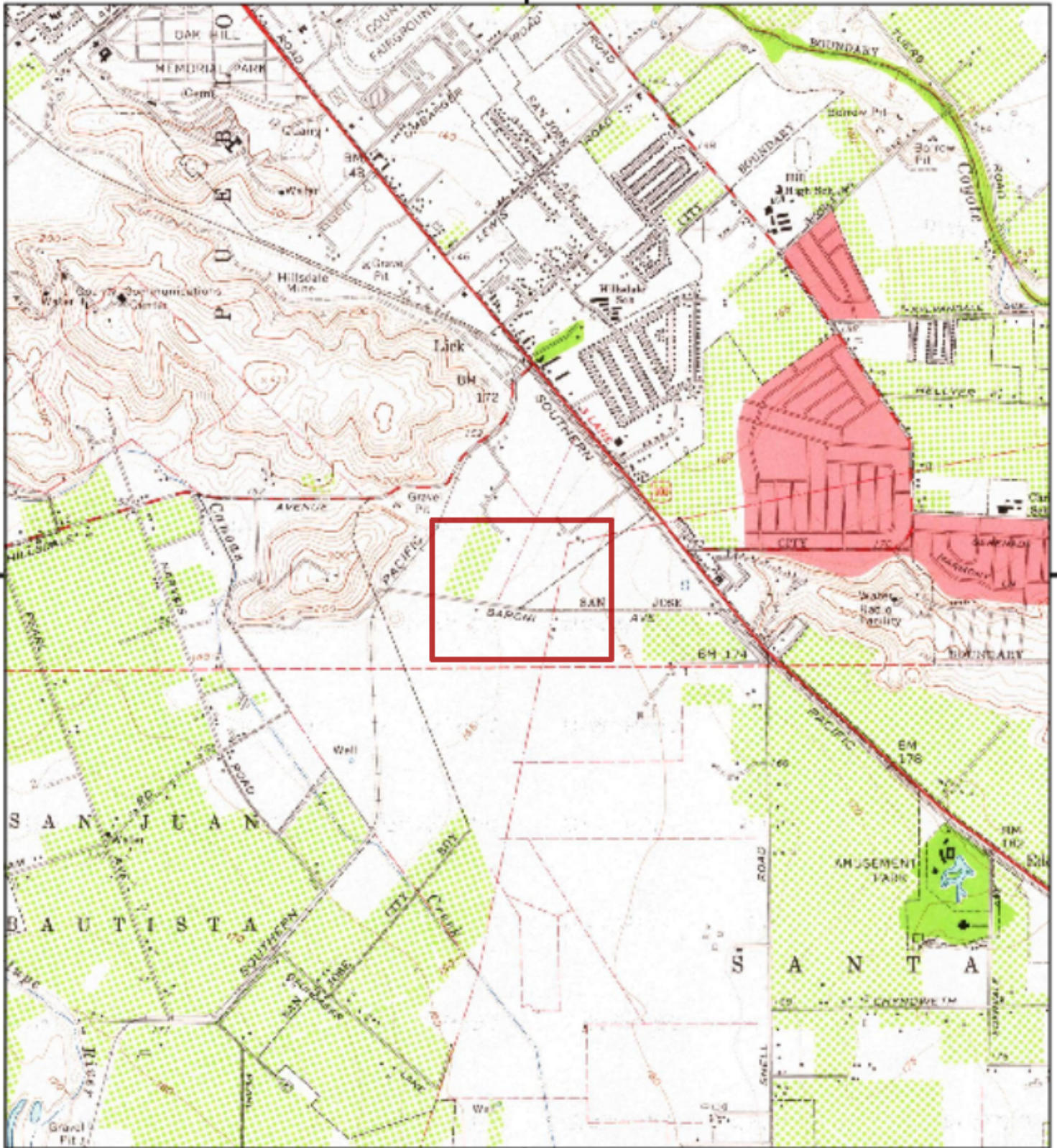


This report includes information from the following map sheet(s).

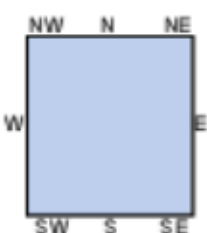


TP, San Jose East, 1968, 7.5-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global



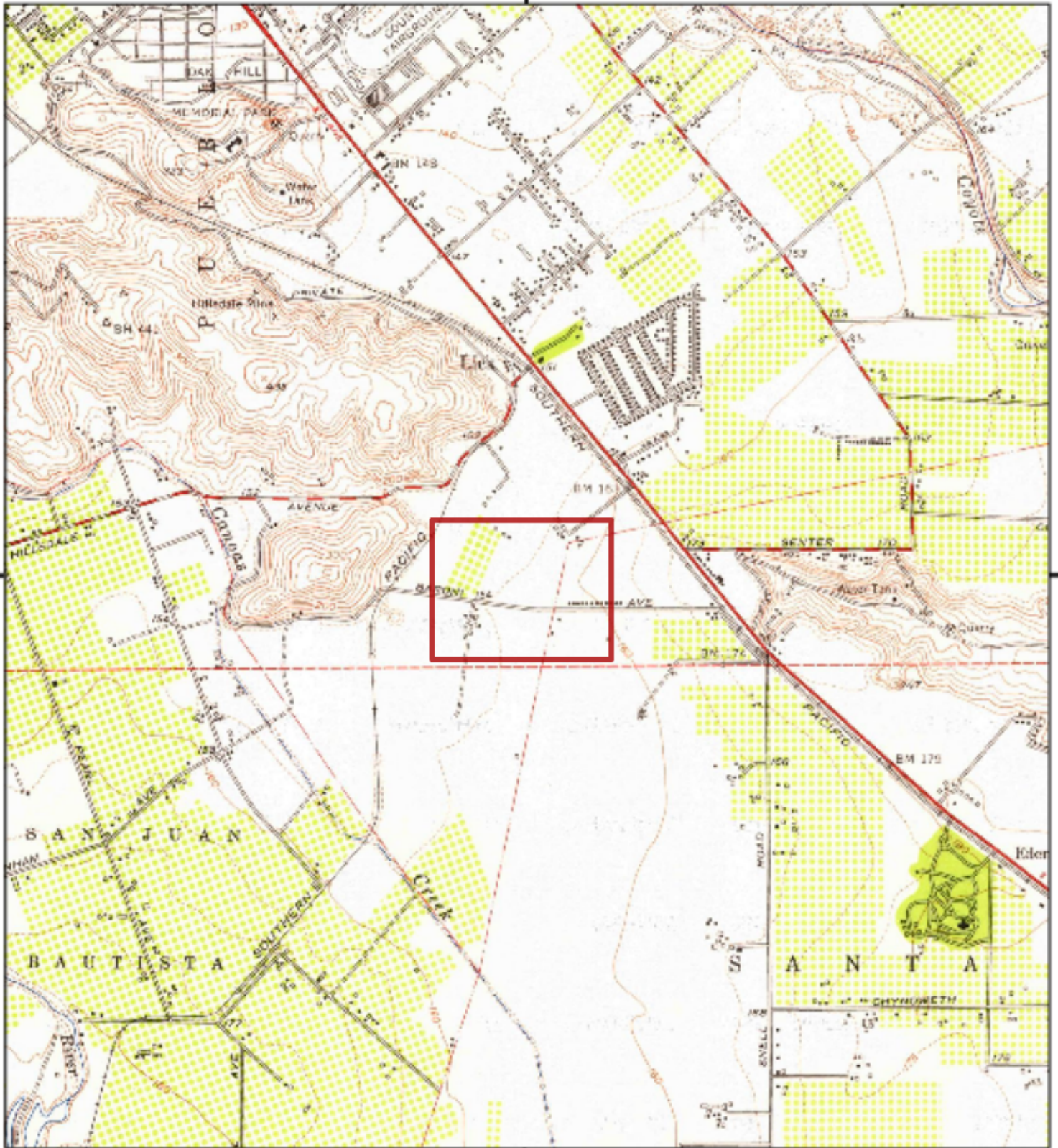
This report includes information from the following map sheet(s).



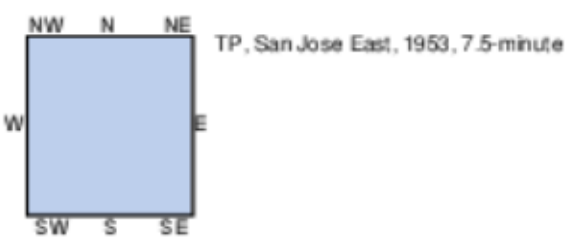
TP, San Jose East, 1961, 7.5-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global

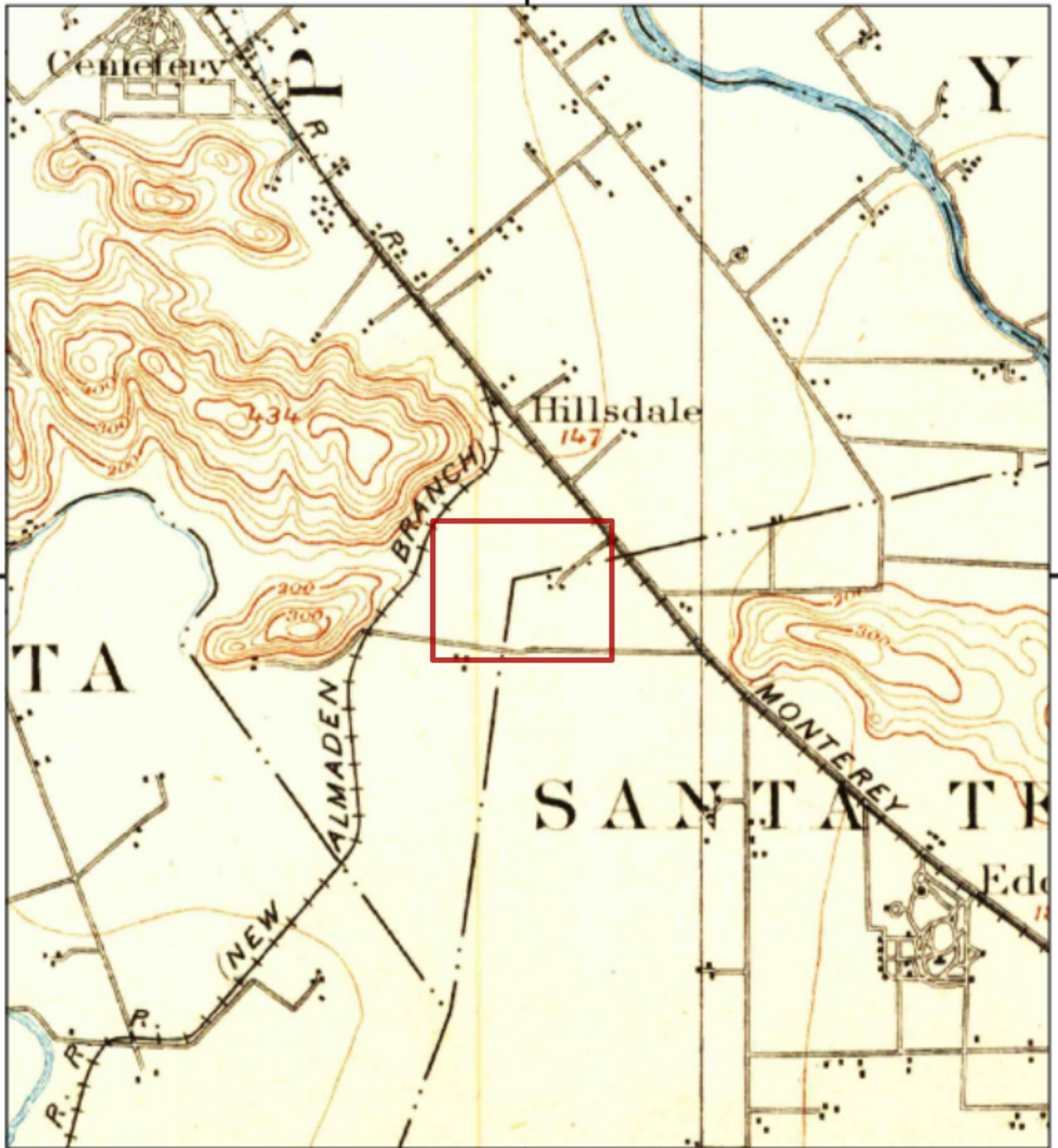




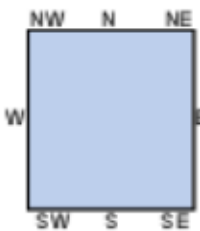
This report includes information from the following map sheet(s).



SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global



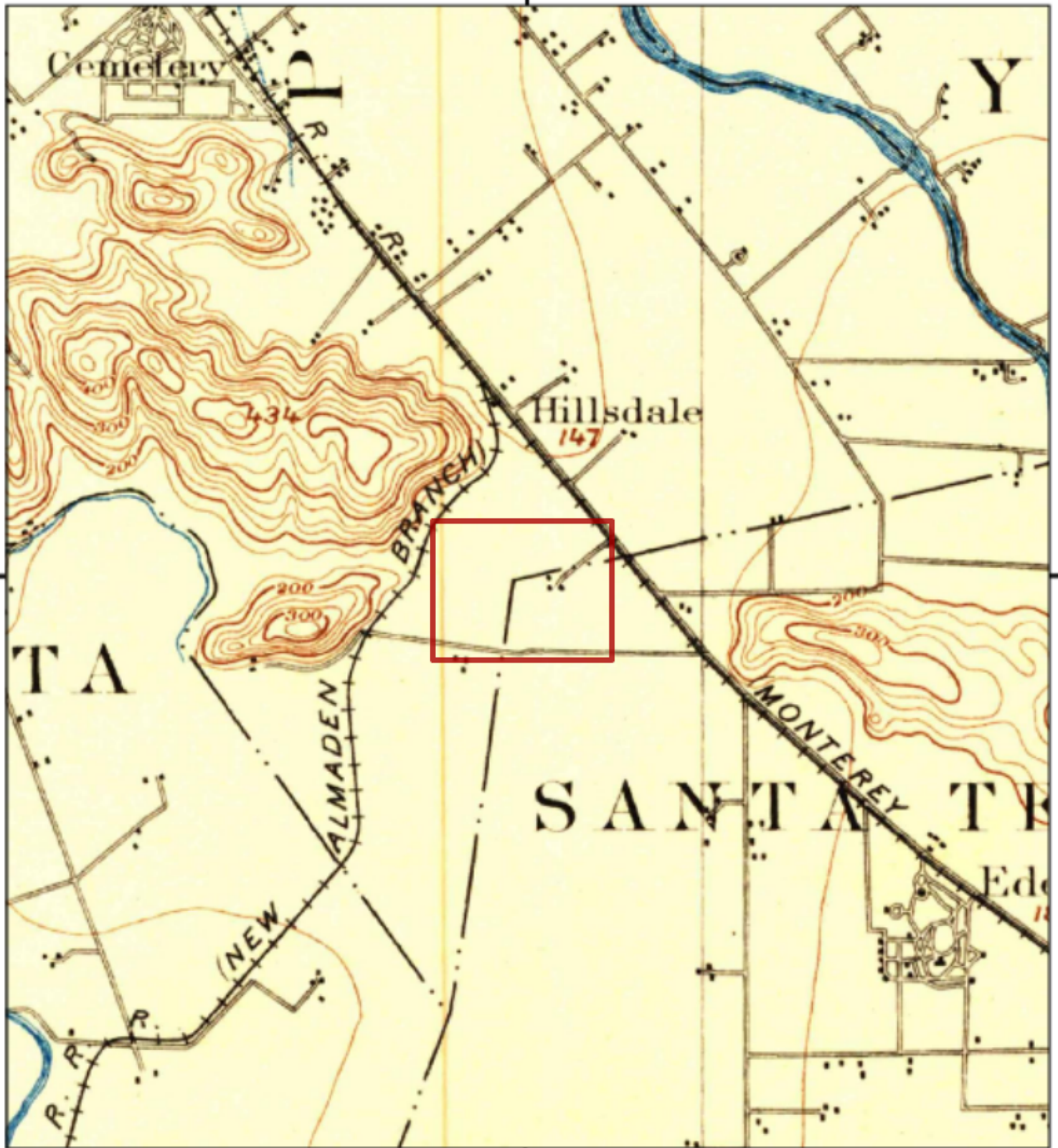
This report includes information from the following map sheet(s).



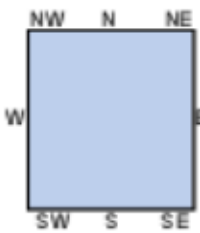
TP, San Jose, 1899, 15-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global





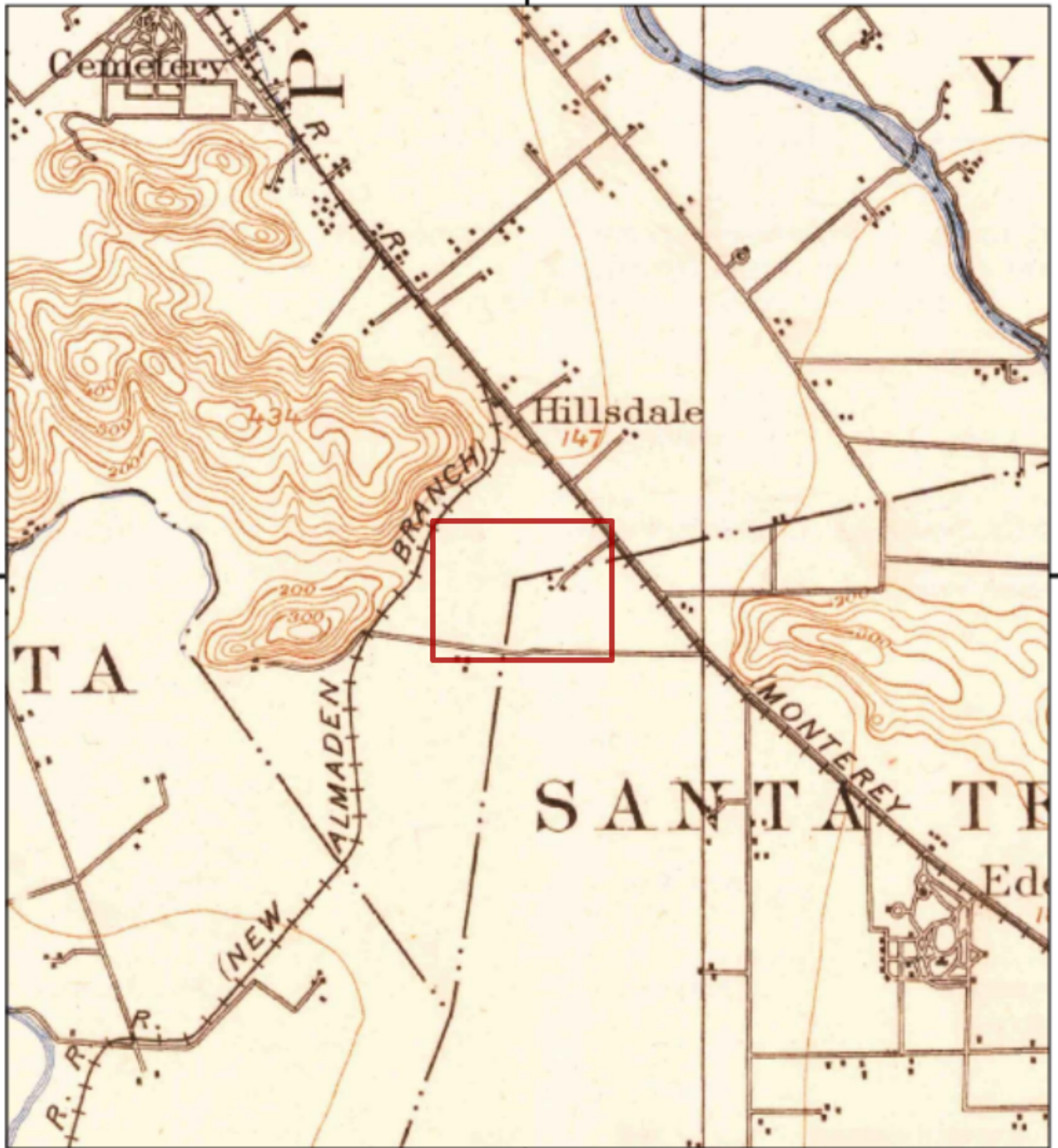
This report includes information from the following map sheet(s).



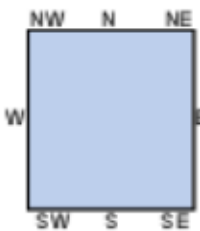
TP, San Jose, 1897, 15-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global





This report includes information from the following map sheet(s).



TP, San Jose, 1889, 15-minute

SITE NAME: Public Storage
ADDRESS: 231 W Capitol Expressway
San Jose, CA 95136
CLIENT: Champlain Global

City Directories



Public Storage

231 W Capitol Expressway
San Jose, CA 95136

January 26, 2018

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
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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 1922 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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Data by

infoUSA[®]

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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	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1996	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1991	PACIFIC BELL WHITE PAGES	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1991	PACIFIC BELL WHITE PAGES	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1982	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1978	R. L. Polk & Co.	-	-	-	-
1975	Pacific Telephone	-	X	X	-
1974	R. L. Polk Co.	-	-	-	-
1970	R. L. Polk Co.	-	-	-	-
1968	R. L. Polk Co.	-	-	-	-
1966	R. L. POLK	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1964	R. L. Polk & Co.	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk Co.	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1955	R. L. Polk Co.	-	-	-	-
1950	R. L. Polk Co.	-	-	-	-
1946	R. L. Polk Co.	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1942	R.L. Polk	-	-	-	-
1940	R. L. Polk Co.	-	-	-	-
1936	R. L. Polk Co.	-	-	-	-
1935	R. L. Polk Co.	-	-	-	-
1931	R. L. Polk Co.	-	-	-	-
1930	R. L. Polk Co.	-	-	-	-
1926	R. L. Polk Co.	-	-	-	-
1925	R. L. Polk Co. of California	-	-	-	-
1922	R. L. Polk Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
3911 Snell Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

231 W Capitol Expressway, 3911 Snell Ave
San Jose, CA 95136

FINDINGS DETAIL

Target Property research detail.

CAPITOL EXPY W

231 CAPITOL EXPY W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PUBLIC STORAGE	Haines & Company
1996	PUBLIC STORAGE	Pacific Bell

Snell Ave

3911 Snell Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PUBLIC STORAGE	EDR Digital Archive
2010	PUBLIC STORAGE INC	EDR Digital Archive

Snell Avenue

3911 Snell Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PUBUC STORAGE	Haines Company, Inc.
2000	PUBLIC STORAGE	Haines & Company
1996	PUBLIC STORAGE	Pacific Bell
	TRUE LINE BUILDERS	Pacific Bell
1991	PUBUCS TORAGE	PACIFIC BELL WHITE PAGES
	PUBUCSTORAGE	PACIFIC BELL WHITE PAGES
	San Jose	PACIFIC BELL WHITE PAGES
1986	Pousard Eric & Marion	Pacific Bell
	PUBLIC STORAGE	Pacific Bell
	San Jose	Pacific Bell
1985	POUSARD ERIC & MARION	Pacific Bell
	PUBLIC STORAGE	Pacific Bell
1980	San Jose Renta Space	Pacific Telephone

FINDINGS

W Capitol Expy

231 W Capitol Expy

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PUBLIC STORAGE	EDR Digital Archive
2010	PUBLIC STORAGE	EDR Digital Archive

W CAPITOL EXPY

231 W CAPITOL EXPY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PUBUC STORAGE	Haines Company, Inc.
	WILLIAMS Ben	Haines Company, Inc.
1991	PUBUCS TORAGE	PACIFIC BELL WHITE PAGES
	PUBUCSTORAGE	PACIFIC BELL WHITE PAGES
	San Jose	PACIFIC BELL WHITE PAGES
1986	PUBLIC STORAGE	Pacific Bell
	San Jose	Pacific Bell
1985	PUBLIC STORAGE	Pacific Bell

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BARONI AVE

130 BARONI AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	APARTMENTS	Haines Company, Inc.
	BATTAGLIA Joseph	Haines Company, Inc.
	CAMPODONICO	Haines Company, Inc.
	Oreggory	Haines Company, Inc.
	CARAVELLI Frank	Haines Company, Inc.
	CLARKSON Dawn	Haines Company, Inc.
	DAVALOS Amuifo	Haines Company, Inc.
	T DEEVER Randall	Haines Company, Inc.
	DIGGS Heather	Haines Company, Inc.
	D 01 Robert	Haines Company, Inc.
	ETPELBRICK Robert	Haines Company, Inc.
	e FISCHER Emily	Haines Company, Inc.
	GALINA Martha	Haines Company, Inc.
	a GILLARD Dakaral	Haines Company, Inc.
	GOFF Cry	Haines Company, Inc.
	GRIMES Kenneth	Haines Company, Inc.
	a GUTIERREZJackle	Haines Company, Inc.
	HARRIS Robert	Haines Company, Inc.
	HEYMAN Anne	Haines Company, Inc.
	a HILPERT Debra	Haines Company, Inc.
	HUAAlex	Haines Company, Inc.
	JACKSON Cora	Haines Company, Inc.
	JADID Marwan	Haines Company, Inc.
	JAEGER Virginia	Haines Company, Inc.
	JURANDJames	Haines Company, Inc.
	o KANGTae S	Haines Company, Inc.
	LANEGerald	Haines Company, Inc.
	LITWIN Jason	Haines Company, Inc.
	QMCDONOUGH Karen	Haines Company, Inc.
	a MCELROYTammi	Haines Company, Inc.
	MILLERJeff	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	s MOTRONI Sandra	Haines Company, Inc.
	NANAVATI Sanjiv	Haines Company, Inc.
	&NIETO JuanIta	Haines Company, Inc.
	OESTEREICH M	Haines Company, Inc.
	PINAAAngellca	Haines Company, Inc.
	RAI Sukhwinder	Haines Company, Inc.
	a RAU Scont	Haines Company, Inc.
	RINEHART Ronald	Haines Company, Inc.
	ROBLESAIIda	Haines Company, Inc.
	SAILORShelly	Haines Company, Inc.
	o SANYAL Rana	Haines Company, Inc.
	SHAH Pranav	Haines Company, Inc.
	STEPHENS Ken E	Haines Company, Inc.
	TRUESDALEDersk	Haines Company, Inc.
	a TURANSKI Lisa	Haines Company, Inc.
	VIJAYARAGAVAN	Haines Company, Inc.
	Venkateshwaren	Haines Company, Inc.
	a WIGNEYJayson	Haines Company, Inc.
	o WILLIAMSAlton 00 a	Haines Company, Inc.
	WONG Eric	Haines Company, Inc.
YAROSHEVSKIY Alex	Haines Company, Inc.	
2000	JAEGER Virginia	Haines & Company
	NANAVATI Sanjiv	Haines & Company
	SALAZAR K	Haines & Company
	STEPHENS Ken E	Haines & Company
	THIELMAN T	Haines & Company
	WHITWORTH C	Haines & Company
	WILLIAMS Trudy	Haines & Company
	WOLPERT Patrick	Haines & Company
	APARTMENTS	Haines & Company
	BARONI David L	Haines & Company
	CARAVELLI F	Haines & Company
	CARAVELLI Frank	Haines & Company
	CLARE Jacqueline M	Haines & Company
	CONIGLIO Scott	Haines & Company
	DESANTIS Kristin	Haines & Company
	DESANTIS Stephen	Haines & Company
ETTELBRICK Robt Jr	Haines & Company	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	FISCHER E	Haines & Company
	IMMETHUN K	Haines & Company
	JAEGER Jeff	Haines & Company
1996	4 Whitworth C	Pacific Bell
	13 Nanavati Sanjiv	Pacific Bell
	15 Huynh Anh	Pacific Bell
	16 Stroup Tim & Cathy	Pacific Bell
	25 Fischer E	Pacific Bell
	27 Immethun K	Pacific Bell
	32 Baroni David L	Pacific Bell
	41 Johnson Allan	Pacific Bell
1991	HARRIS ROBERT & JENNIFER	PACIFIC BELL WHITE PAGES
	HARROP STEVE	PACIFIC BELL WHITE PAGES
	IMNETHUN K	PACIFIC BELL WHITE PAGES
	KHAN CHAN	PACIFIC BELL WHITE PAGES
	KOCHER DE	PACIFIC BELL WHITE PAGES
	MAGLIARI DANIEL W	PACIFIC BELL WHITE PAGES
	WALLACE THOMAS A	PACIFIC BELL WHITE PAGES
	ETTELBRICK ROBERT N JR	PACIFIC BELL WHITE PAGES
	FISCHER E	PACIFIC BELL WHITE PAGES
	Ettelbrick Robert N Jr	PACIFIC BELL WHITE PAGES
	Fischer E	PACIFIC BELL WHITE PAGES
	Harris Robert & Jennifer	PACIFIC BELL WHITE PAGES
	Harrop Steve	PACIFIC BELL WHITE PAGES
	Imnethun K	PACIFIC BELL WHITE PAGES
	IMMANUEL PRESBYTERIAN CHURCH	PACIFIC BELL WHITE PAGES
	Khan Chan	PACIFIC BELL WHITE PAGES
	Kocher DE	PACIFIC BELL WHITE PAGES
	Magliari Daniel W	PACIFIC BELL WHITE PAGES
	Wallace Thomas A	PACIFIC BELL WHITE PAGES
1986	Broughton Russel S	Pacific Bell
	Cooper Cliff E	Pacific Bell
	Crawford Lawrence Clifford Jr	Pacific Bell
	Fine Ron L	Pacific Bell
	Immethun K	Pacific Bell
	Khan Chan	Pacific Bell
	Mc Mahon D L	Pacific Bell
	Reyes Ortiz Sandy	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Rosario Vicente & Virginia	Pacific Bell
1985	BERG DAVID C	Pacific Bell
	BRAUGHTON RUSSEL S	Pacific Bell
	CERRILLO BOBL	Pacific Bell
	CRAWFORD LAWRENCE CLIFFORD JR	Pacific Bell
	FINE RON L	Pacific Bell
	FRANCHI WAYNE A	Pacific Bell
	IMMETHUN K	Pacific Bell
	JACOBS R M	Pacific Bell
	KHAN CHAN	Pacific Bell
	G KUENAIINGER CRAIG	Pacific Bell
	MC MAHON D L	Pacific Bell
	ONEAL EDWIN	Pacific Bell
	PEAKER SHANNON	Pacific Bell
	PRINCE HAROLD L	Pacific Bell
	REYES-ORTIZ SANDY	Pacific Bell
	ROSARIO VICENTE & VIRGINIA	Pacific Bell
	SMALLWOOD MERLE	Pacific Bell
	ULRICH JEFF	Pacific Bell
	WINDLE RONALD & JANICE	Pacific Bell

Baroni Ave

131 Baroni Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CASTER PROPERTIES INC	EDR Digital Archive
	A-1 SELF STORAGE	EDR Digital Archive
	CASTER PROPERTIES INC	EDR Digital Archive
	A-1 SELF STORAGE	EDR Digital Archive
2010	CASTER PROPERTIES INC	EDR Digital Archive
	CASTER PROPERTIES INC	EDR Digital Archive

BARONI AVE

131 BARONI AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	A 1 SELF STORAGE	Haines Company, Inc.

FINDINGS

136 BARONI AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	NIELSEN GLENN M	PACIFIC BELL WHITE PAGES

BARONI AVE N

130 BARONI AVE N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	OMalley P	PACIFIC BELL WHITE PAGES

BARRON AVE

164 BARRON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Mattison A	Pacific Bell

BLUE DOLPHIN DR

63 BLUE DOLPHIN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Hendrix Lionell	Pacific Telephone

BORANDA AVE

121 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Searle Joe I	Pacific Telephone

128 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LOPEZ EDDIE	Pacific Bell

135 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	REIBIN FRED L	Pacific Telephone

160 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	NICHOLAS JOHNG L	Pacific Telephone

FINDINGS

179 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Lee Lum	Pacific Telephone

180 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LEVRATTO HARRY	Pacific Bell
	Levratto Harry	Pacific Bell
1957	MILLER LENA L	Pacific Telephone

194 BORANDA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Messall M D	Pacific Telephone

CAPITOL EXPY W

222 CAPITOL EXPY W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JIMMYS RESTAURANT	Haines & Company
	BARROUS John	Haines & Company
1996	JIMMYS RESTAURANT	Pacific Bell

301 CAPITOL EXPY W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VISTA OAKS GOLF CENTER	Haines & Company
	SYNERGY GOLF	Haines & Company
	MANNYS GRILL	Haines & Company
	CHIPPER GOLF CO	Haines & Company
1996	VISTA OAKS GOLF CENTER	Pacific Bell
	MANNYS GRILL	Pacific Bell
	CHIPPER GOLF CO	Pacific Bell

CAPITOL VILLAGE CIR

228 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NGO Kong	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

230 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1991	Steinbach Ken Jr STEINBACH KEN JR	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Peterson J	Pacific Bell

232 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	Conway Michael CONWAY MICHAEL	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Dabney Greg	Pacific Bell

234 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

236 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JUDGEAmDK 408 360 8D	Haines Company, Inc.
1996	Lopez Victoria	Pacific Bell

238 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	ESSIX CECIL & SHARON	Pacific Bell

240 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1991	WASHBUM E Washbum E	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1985	STROINM ROBT M	Pacific Bell

242 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VANHOUTIN Justin	Haines Company, Inc.

244 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	MARTIN JOHN	PACIFIC BELL WHITE PAGES
	Martin John	PACIFIC BELL WHITE PAGES

246 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1985	PINKNEY AUNDRIA	Pacific Bell

248 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o RAGHAVARREDDY	Haines Company, Inc.
1991	Haase Monique	PACIFIC BELL WHITE PAGES
	HAASE MONIQUE	PACIFIC BELL WHITE PAGES
1985	YOUNG BRIDGETTE	Pacific Bell

250 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

252 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	TRUJILLO T	Haines Company, Inc.
2000	HARDEN Tim A	Haines & Company
1985	MARTINEK L	Pacific Bell

256 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

258 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SETO Winnie	Haines & Company

260 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Grams R	Pacific Bell
1985	GRAMS R	Pacific Bell

FINDINGS

262 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JOHNSONTIm	Haines Company, Inc.
2000	STIPE Barry C	Haines & Company

264 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Coleman N	Pacific Bell
1985	COLEMAN N	Pacific Bell

266 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1991	JAMES STEPHANIE L James Stephanie L	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Tan Anthony & Isabelle	Pacific Bell
1985	TAN ANTHONY & ISABELLE	Pacific Bell

268 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
	SHAH Pradlp	Haines Company, Inc.
2000	GONZALEZ Martin	Haines & Company
1986	East Backhoe Service	Pacific Bell
1985	EAST BACKHOE SERVICE	Pacific Bell

270 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Z 74 o CANTERJeff	Haines Company, Inc.
	No Current Listing	Haines Company, Inc.
2000	SELL Daneil B	Haines & Company
1996	Sell Daniel B	Pacific Bell
1986	Onstead Laura	Pacific Bell
1985	RAMUS RICHLARD	Pacific Bell

272 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1986	Ramirez Ralph	Pacific Bell

FINDINGS

274 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1996	Perry Seth & Amy	Pacific Bell
1985	KUESER E J	Pacific Bell

276 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a BHATArun	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Edwards Carnell	Pacific Bell

278 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	LE Phuong	Haines & Company

280 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JIMENEZAlejandro	Haines Company, Inc.
2000	SEMSEM Prascilla A	Haines & Company

282 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	UHEY Jim	Haines & Company
	UHEY Julle	Haines & Company
1996	Uhey Jim & Julie	Pacific Bell
1986	Torrez Vince	Pacific Bell
1985	JACKSON MONTY	Pacific Bell

284 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROMAINE Aber	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1996	Mc Graw J	Pacific Bell

288 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SUMAJIT Maria	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

290 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

292 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BROWER Robert	Haines & Company
1991	STEWARD ELLEN Steward Ellen	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Allen Robert D	Pacific Bell

294 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	TAHIRKHELI Raheel	Haines & Company
1991	SOKOL STEVEN Sokol Steven	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

296 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	JONES R L Jones R L	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

298 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

302 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	AZIZNargis	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	PATINO ROBERT SR Patino Robert Sr	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

304 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	X 0 D	Haines Company, Inc.
2000	GARCIA Martin L	Haines & Company

FINDINGS

306 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Sullivan Jacqueline	Pacific Bell

308 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

310 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	Stohlton David & Dara	PACIFIC BELL WHITE PAGES
	STOHLTON DAVID & DARA	PACIFIC BELL WHITE PAGES
1986	Chalmers Jeff & Lesley	Pacific Bell
1985	CHALMERS JEFF& LESLEY	Pacific Bell

312 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MEHANZELYared	Haines Company, Inc.
2000	LEON Jacquelyn M	Haines & Company
1986	Bradner K	Pacific Bell
1985	FINLAYSON ALLAN R	Pacific Bell

314 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Rigdon Paulvin	Pacific Bell
	Santosuosso Heidi	Pacific Bell

316 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

320 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HOLSEBERG T	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1991	WATKINS K Watkins K	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

322 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

324 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VELASQUEZ Franciso	Haines Company, Inc. Haines Company, Inc.

326 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DUARTEAdolfo	Haines Company, Inc.
2000	MILLER Teresa	Haines & Company
1986	OConnor K Ketchum C	Pacific Bell Pacific Bell

328 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o WILLIAM Steve R	Haines Company, Inc.

330 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1996	Jones R L	Pacific Bell

332 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GAIKWAD Pallavi	Haines & Company
1991	COWDERY DAVID R Cowdery David R	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Locati Jeff & Julie	Pacific Bell
1985	LOCATI JEFF & JULIE	Pacific Bell

334 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1991	PEREZ SANDY & ABEL	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Perez Sandy & Abel	PACIFIC BELL WHITE PAGES
1986	Simpson Philip	Pacific Bell

336 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1985	CHILDS CRAIG R	Pacific Bell

338 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LEE Eunyong	Haines & Company

340 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1985	RATAJCZAK M	Pacific Bell

342 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	J yaishnan	Haines Company, Inc.
	CHANDRADAS	Haines Company, Inc.

344 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Maddox Ed William	Pacific Bell
1985	CAMPBELL CURTIS W	Pacific Bell

346 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JOSEPH Jinson	Haines Company, Inc.
2000	CARDOZA Kevin	Haines & Company
1996	Cardoza Kevin	Pacific Bell
1991	CARDOZA KEVIN	PACIFIC BELL WHITE PAGES
	Cardoza Kevin	PACIFIC BELL WHITE PAGES

348 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

350 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

352 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LAZAROnew	Haines Company, Inc.
2000	DOTTS Lon	Haines & Company

354 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ALDANACarios	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1996	Drumm Marcus	Pacific Bell

356 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CAPITOLVILLAGE	Haines Company, Inc.
	LEYVARRuben P	Haines Company, Inc.
2000	CAPITOL VILLAGE	Haines & Company
1996	CAPITOL VILLAGE	Pacific Bell
1991	Capitol Village	PACIFIC BELL WHITE PAGES
	WALTERS GARY	PACIFIC BELL WHITE PAGES
	Macredes Jane	PACIFIC BELL WHITE PAGES
	Walters Gary	PACIFIC BELL WHITE PAGES
	CAPITOL VILLAGE	PACIFIC BELL WHITE PAGES
	MACREDES JANE	PACIFIC BELL WHITE PAGES
1986	Capitol Village	Pacific Bell
1985	CAPITOL VILLAGE	Pacific Bell
	RUI SCOTT M	Pacific Bell

358 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

360 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o TIRUKKALAVamse	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	Truppi Teresa	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	TRUPPI TERESA	PACIFIC BELL WHITE PAGES

366 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

370 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MAHMOOD Akhtar	Haines & Company
1991	JP S PROPERTY MAINTENANCE	PACIFIC BELL WHITE PAGES
	JP's Property Maintenance	PACIFIC BELL WHITE PAGES

372 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Roberts RLJr	Pacific Bell
1985	ROBERT R L JR	Pacific Bell

374 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	X 0X	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

376 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

378 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DUMMER Peter	Haines Company, Inc.
2000	DUMMER Peter	Haines & Company
1996	Dummer Peter	Pacific Bell
1991	Dummer Peter	PACIFIC BELL WHITE PAGES
	DUMMER PETER	PACIFIC BELL WHITE PAGES
1986	Dummer Peter	Pacific Bell
1985	DUMMER PETER	Pacific Bell

379 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MARIAMATA	Haines Company, Inc.

FINDINGS

380 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	Andrist Kelly ANDRIST KELLY	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1985	TORREZ VINCE	Pacific Bell

382 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1985	VILLA RE BILL	Pacific Bell

384 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ORELLANA Hector ORELLANA Enca	Haines & Company Haines & Company
1985	MC NULTY EVA ALCAINE	Pacific Bell

386 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

388 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	STANLEY Curds	Haines Company, Inc.
2000	CHATTOPADHYAY Anjit CHATTOPADHYAY Amrita	Haines & Company Haines & Company
1996	Mitra Subrata Mitra Subrata	Pacific Bell Pacific Bell

390 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HOVORKA Penny	Haines Company, Inc.

392 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	ROBERTS Kirk	Haines & Company
1996	Eduardo Frias	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	LEVINE LARRY & BARBARA	Pacific Bell

394 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GALLEGO Theresa	Haines Company, Inc.

402 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	LUNSFORD Robert	Haines & Company
1991	Hanley Daryl & Rebecca	PACIFIC BELL WHITE PAGES
	HANLEY DARYL & REBECCA	PACIFIC BELL WHITE PAGES

404 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	YANG Lisa	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

406 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o MUPPIDI So	Haines Company, Inc.
1991	STANTON BRUCE & JENNIFER	PACIFIC BELL WHITE PAGES
	Stanton Bruce & Jennifer	PACIFIC BELL WHITE PAGES

408 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	COTTER D L	Pacific Bell
	DE PUTTER G	Pacific Bell

410 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1985	SHEFFIELD TR	Pacific Bell

412 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NGUYEN Nc	Haines Company, Inc.
2000	BUCHINSKIY Makhail	Haines & Company

FINDINGS

414 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	TISCHLER DAN Tischler Dan	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Tiscl Ner Dan	Pacific Bell
1985	TISCHLCR DAN	Pacific Bell

415 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

416 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OX	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1991	Baity Michael BAITY MICHAEL	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES

418 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JEFFERSON Thomas	Haines Company, Inc.

420 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NYSTROM GUS	Haines & Company

422 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

424 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ZUNIGA Jose B	Haines & Company
1996	Adams John D Rev	Pacific Bell
1991	TIMMARAJU MURALI Timmaraju Murali	PACIFIC BELL WHITE PAGES PACIFIC BELL WHITE PAGES
1986	Kidd L M	Pacific Bell
	Kidd Ronald E Rev	Pacific Bell
1985	KIDD RONALD E	Pacific Bell

FINDINGS

426 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1986	Galloway Donald R	Pacific Bell
1985	GALLOWAY DONALD R	Pacific Bell

428 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

430 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JERNIGAN Lunda	Haines & Company
	JERNIGAN Ron	Haines & Company
1991	Hayden Kristin A	PACIFIC BELL WHITE PAGES
	HAYDEN KRISTIN A	PACIFIC BELL WHITE PAGES
1985	STEIG ROY	Pacific Bell

432 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	KAUR Naot	Haines Company, Inc.

434 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1991	PFLAUM ROBYN	PACIFIC BELL WHITE PAGES
	Pflaum Robyn	PACIFIC BELL WHITE PAGES
1986	Azevedo Lynn	Pacific Bell
	Gornig Leslie	Pacific Bell
1985	GORNIG LESLIE	Pacific Bell
	AZEVEDO	Pacific Bell

436 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	COLLEIT Rober	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

438 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GARCIA Fabian	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Goldsmith Jerry	Pacific Bell
	Masatani T	Pacific Bell

440 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

442 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Porter Kent L & Karen G	Pacific Bell

444 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HERRERA Betty	Haines Company, Inc.
2000	SINGH Prem	Haines & Company
1986	Rutledge K	Pacific Bell

446 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GALVANJose	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Faraone Muriel L	Pacific Bell

448 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

450 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1985	PFORSICH LEE	Pacific Bell

452 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	ROSALES Mercedes	Haines & Company

454 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o LAMTo M	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1986	Zimmerman David K	Pacific Bell
1985	TANNER T	Pacific Bell

456 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PHAN Trankieu	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1996	Martin Casey	Pacific Bell
1985	CARROLL GLORIA	Pacific Bell

458 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o TAYEAida	Haines Company, Inc.

460 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	YAMBRA MICHAEL JOSEPH	Pacific Bell

462 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	BUYMISTRUK Viadimir	Haines & Company
1996	Amoroso Anna Marie	Pacific Bell
1986	Ehlers Martin J	Pacific Bell
1985	EHLERS MARTIN J	Pacific Bell

464 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LOPEZZoslmo	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

466 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	KOEHLER Manlynn	Haines & Company
	KOEHLER Bryan	Haines & Company
1986	Nettleton Pat	Pacific Bell

FINDINGS

468 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	200	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1985	GIBBS JOHN	Pacific Bell

470 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1991	Handy Benjamin F	PACIFIC BELL WHITE PAGES
	HANDY BENJAMIN F	PACIFIC BELL WHITE PAGES
1986	Handy Benjamin F	Pacific Bell
1985	HANDY BENJAMIN F	Pacific Bell

472 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1986	Morton Jeff	Pacific Bell
1985	MORTON JEFF	Pacific Bell

474 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Ciminera M	Pacific Bell
	Karlson D	Pacific Bell

476 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
1991	Herbalife Distributor Pereira Nancy	PACIFIC BELL WHITE PAGES
	HERBALIFE DISTRIBUTOR-PEREIRA NANCY	PACIFIC BELL WHITE PAGES

478 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PAREDESAlejandro	Haines Company, Inc.

480 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Kim Joshua	Pacific Bell
1985	COSSETTFT DAVID	Pacific Bell

FINDINGS

482 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Yamazaki Toru	Pacific Bell
1986	Asher Larry	Pacific Bell

484 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Cavilee Dean	Pacific Bell
1985	MC ART TIMOTYHY	Pacific Bell

486 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o JACOB Niolo	Haines Company, Inc.
1996	Agullar Rocio Elide	Pacific Bell

488 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROMAN Gabella	Haines Company, Inc.
2000	JAMPANI Ganesh	Haines & Company
1991	Kanzaki John	PACIFIC BELL WHITE PAGES
	i Kanzaki Robert Y	PACIFIC BELL WHITE PAGES
1986	Kanzaki Robert Y	Pacific Bell

490 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	BROBERG Michael D	Haines & Company

492 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	SUNDARESAN Neel	Haines & Company
1996	Sundaresan Neel	Pacific Bell
	Sundaresan Neel	Pacific Bell

496 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

502 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SINGHLakhwnder	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1986	Milligan Timothy L	Pacific Bell
1985	MILLIGAN TIMOTHY L	Pacific Bell

506 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LATIF Khalid	Haines & Company

508 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1985	KRESS R	Pacific Bell

510 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

512 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1986	AnIrist Kelly	Pacific Bell

514 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Craig Richard B	Pacific Bell

516 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	KOZINSKI S M	Pacific Bell

518 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SARIANODMna	Haines Company, Inc.
1991	LOPEZ ROBIN	PACIFIC BELL WHITE PAGES
	Lopez Robin	PACIFIC BELL WHITE PAGES
1986	BNai Brith Youth Organization	Pacific Bell
	Boal Matilda	Pacific Bell
	BNai Brith Youth Organization	Pacific Bell
	Boat Richard	Pacific Bell
1985	BOAL MATILDA	Pacific Bell
	BOAL RICHARD	Pacific Bell

FINDINGS

520 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Silveira Tim	Pacific Bell

522 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SEO Sang Gyun	Haines & Company
1996	Seo Sang Gyun	Pacific Bell

524 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	AZi Z Nargis	Haines & Company
1996	Aziz Nargis	Pacific Bell
1991	I Ludovice Peter	PACIFIC BELL WHITE PAGES
	SNOAD CAROL	PACIFIC BELL WHITE PAGES
	Ludlum Bruce	PACIFIC BELL WHITE PAGES
	Snoad Carol	PACIFIC BELL WHITE PAGES
1985	SA TOM	Pacific Bell

526 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Wright Clemon & Leanna	PACIFIC BELL WHITE PAGES
	WRIGHT CLEMON & LEANNA	PACIFIC BELL WHITE PAGES
1985	KOERBER DARWIN	Pacific Bell

528 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LIN Weljen	Haines & Company
1996	Diar Enrique	Pacific Bell

530 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1985	NIGH ROBERT	Pacific Bell

532 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1986	Stanton Bruce & Jennifer	Pacific Bell
1985	STANTON BRUCE & JENNIFER	Pacific Bell

FINDINGS

534 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JOHNSON Aaron	Haines Company, Inc.
2000	RESENDEZ Albert C	Haines & Company

536 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Popa Edward	Pacific Bell

538 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

540 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DESHMUKH Anup	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

542 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

544 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	ROMNEY Julie M	Haines & Company
	ROMNEY Nathan	Haines & Company
1985	WIDDIFLELD DON & JOAN	Pacific Bell

546 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NGUYEN Hung	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1986	Bell J	Pacific Bell
1985	BELL J	Pacific Bell

548 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company
1996	Taheri Francis Maragolus	Pacific Bell
1986	Farrow Michael M & Vicky M	Pacific Bell

FINDINGS

550 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BABU Prakash	Haines Company, Inc.
2000	CARPENTER Dick	Haines & Company
1986	Hunt Robt	Pacific Bell
1985	HUNT ROBT	Pacific Bell

552 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROORIGUEZ Edgar	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

554 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	OLIVARES Edward	Haines & Company
1991	Woo Kap Ok	PACIFIC BELL WHITE PAGES
	WOO KAP OK	PACIFIC BELL WHITE PAGES
1985	JAHANSOOZ K	Pacific Bell

556 CAPITOL VILLAGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NGUYEN Chau Ngoc	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1996	Geer Christopher	Pacific Bell

CAPITOL VLOLGE CIR

350 CAPITOL VLOLGE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	RINEHORT D & D	PACIFIC BELL WHITE PAGES
	Rinehort D & D	PACIFIC BELL WHITE PAGES

ELLMAR OAKS DR

3959 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NAVARRO Raymond	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

3961 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BARRAGAN German	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

3963 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.

3964 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o ANDERSON M	Haines Company, Inc.

3965 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CARRANZA Letida	Haines Company, Inc.

3966 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

3967 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	JUNG Hiloo	Haines & Company

3968 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	ROSSI Michael	Haines & Company

3969 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company
1996	Silvas Dave	Pacific Bell

3970 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	TRAN Quang Van	Haines Company, Inc.

FINDINGS

3972 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	IMAN Rashid	Haines & Company
1991	Dimicelli Sam S	PACIFIC BELL WHITE PAGES
	Dmlicelli Stephen S	PACIFIC BELL WHITE PAGES
	DMLICELLI STEPHEN S	PACIFIC BELL WHITE PAGES

3973 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KELLEY M C	Haines & Company
1996	Keley MC	Pacific Bell

3974 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MATHEWJohn	Haines Company, Inc.
2000	NO CURRENT LISTING	Haines & Company

3975 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

3976 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TANAK Yasushi	Haines & Company
1991	NOGGLE JAMES D & MIMI	PACIFIC BELL WHITE PAGES
	Noggle James D & Mimi	PACIFIC BELL WHITE PAGES

3978 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

3980 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

3981 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NO CURRENT LISTING	Haines & Company

FINDINGS

3982 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Ishibashi Shlgemy	Pacific Bell

3983 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CENTENO Andrea	Haines Company, Inc.
2000	CREIDERJR David	Haines & Company
1996	Mercurlo Mike	Pacific Bell

3984 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	WILSON Paul	Haines & Company
1996	Phipps B	Pacific Bell

3987 ELLMAR OAKS DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
2000	WILSON Charles	Haines & Company

Snell Ave

3939 Snell Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ADION INC	EDR Digital Archive
	ADION INC	EDR Digital Archive
2010	MONTEREY ROAD SHELL	EDR Digital Archive
	CAPITOL SMOG	EDR Digital Archive
	MONTEREY ROAD SHELL	EDR Digital Archive
	CAPITOL SMOG	EDR Digital Archive

3951 Snell Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	76 GAS STATION	EDR Digital Archive
	76 GAS STATION	EDR Digital Archive
2010	76 GAS STATION	EDR Digital Archive
	76 GAS STATION	EDR Digital Archive

FINDINGS

VISTA ROMA WAY

210 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VAIDYANADHANJ	Haines Company, Inc.

Vista Roma Way

217 Vista Roma Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LINK CORPORATION	EDR Digital Archive
	LINK CORPORATION	EDR Digital Archive
2010	LINK CORPORATION	EDR Digital Archive
	LINK CORPORATION	EDR Digital Archive

219 Vista Roma Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	APPVOYAGE INC	EDR Digital Archive
	APPVOYAGE INC	EDR Digital Archive
2010	SWEET FUN & PRECIOUS	EDR Digital Archive
	SWEET FUN & PRECIOUS	EDR Digital Archive

220 Vista Roma Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	INSPIRED PERU	EDR Digital Archive
	INSPIRED PERU	EDR Digital Archive

VISTA ROMA WAY

221 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BONGI Maft	Haines Company, Inc.

222 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RAMEY Courtney R	Haines Company, Inc.

224 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SALAS Victor M	Haines Company, Inc.

FINDINGS

227 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	IM Holly	Haines Company, Inc.

229 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	HARTANTOYonas	Haines Company, Inc.

232 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NGUYENTony	Haines Company, Inc.

234 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BEDI Bal Winder	Haines Company, Inc.

237 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PEISL Sonja	Haines Company, Inc.

240 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CORPUZ Eny	Haines Company, Inc.

244 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EOM Bumshik	Haines Company, Inc.

246 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	THERIEN Mike	Haines Company, Inc.

249 VISTA ROMA WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MILLER Barbara E	Haines Company, Inc.

W CAPITAL AN MILOLA

251 W CAPITAL AN MILOLA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Johnson Don E	Pacific Telephone

FINDINGS

W Capitol Expy

222 W Capitol Expy

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JIMMYS RESTAURANT	EDR Digital Archive
	JIMMYS RESTAURANT	EDR Digital Archive
2010	JIMMYS RESTAURANT	EDR Digital Archive
	JIMMYS RESTAURANT	EDR Digital Archive

W CAPITOL EXPY

222 W CAPITOL EXPY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Rest AURANT	Haines Company, Inc.
	JIMMYS	Haines Company, Inc.
1991	CIN DY S RE S TAURAN T	PACIFIC BELL WHITE PAGES
	CINDYS RESTAURANT	PACIFIC BELL WHITE PAGES
1986	CINDYS RESTAURANT	Pacific Bell
1985	CINDY S RESTAURANT	Pacific Bell
1980	CINDYS RESTAURANT	Pacific Telephone
1975	CINDY S RESTAURANT	Pacific Telephone

259 W CAPITOL EXPY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	SPARACLNO ANDREA	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

231 W Capitol Expressway,
3911 Snell Ave

Address Not Identified in Research Source

2001, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960,
1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

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

121 BORANDA AVE

Address Not Identified in Research Source

2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1974,
1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

128 BORANDA AVE

2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1975, 1974,
1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

130 BARONI AVE

2014, 2010, 2001, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964,
1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931,
1930, 1926, 1925, 1922

130 BARONI AVE N

2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974,
1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

131 Baroni Ave

2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970,
1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942,
1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

131 BARONI AVE

2014, 2010, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974,
1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

131 Baroni Ave

2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970,
1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942,
1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

135 BORANDA AVE

2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975,
1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

136 BARONI AVE

2014, 2010, 2006, 2001, 2000, 1996, 1986, 1985, 1982, 1980, 1978, 1975, 1974,
1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

160 BORANDA AVE

2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975,
1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

164 BARRON AVE

2014, 2010, 2006, 2001, 2000, 1996, 1991, 1985, 1982, 1980, 1978, 1975, 1974,
1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945,
1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched

548 CAPITOL VILLAGE CIR

550 CAPITOL VILLAGE CIR

552 CAPITOL VILLAGE CIR

554 CAPITOL VILLAGE CIR

556 CAPITOL VILLAGE CIR

63 BLUE DOLPHIN DR

Address Not Identified in Research Source

2014, 2010, 2006, 2001, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2014, 2010, 2001, 1996, 1991, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2014, 2010, 2001, 1996, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2014, 2010, 2001, 1996, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2014, 2010, 2001, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2014, 2010, 2006, 2001, 2000, 1996, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

Sanborn Maps



Public Storage

231 W Capitol Expressway
San Jose, CA 95136

January 26, 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

01/26/18

Client Name:
Champlain Global
2795 Middleton Road
Hudson, OH 44236-0000
Contact: John Krusinski



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Certified Sanborn Results:

Certification # FA12-4C00-A924
PO # NA
Project 18-2045



Sanborn® Library search results

Certification #: FA12-4C00-A924

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The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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Site Questionnaire



Reports Prepared By & On Site Interviews Conducted By:
 Champlain Global Inc.

PHASE I ESA PRE-SITE INSPECTION QUESTIONNAIRE			
Project Manager: Click here to enter text.		Project No:	
PROJECT/SITE INFORMATION			
Client Name: Public Storage			
Project Street Address(es): 231 W Capitol Expressway			
City: San Jose		County:	State: CA Zip: 95136
CONTACT INFORMATION			
Contact	Name	Telephone Number	Years Associated w/Site
Owner:			
Site Contact:	Nicole Olsen	(408) 226 1374	
Key Site Mgr:	Anjuli Moore	(510) 728 7400 ext. 3204	
Previous Owner(s):			
PROPERTY USE AND SPECIFICATIONS			
<input type="checkbox"/> Single-Family Residential		<input type="checkbox"/> Vacant or undeveloped	
<input type="checkbox"/> Multi-Family Residential		<input type="checkbox"/> Agricultural <i>specify type:</i>	
<input type="checkbox"/> Commercial Office		<input checked="" type="checkbox"/> Industrial <i>specify type:</i> Storage	
<input type="checkbox"/> Commercial Retail		<input type="checkbox"/> Other <i>specify type:</i>	
Provide a general site description: Large self-storage site with a number of buildings. The buildings include single story office and single story drive-up storage. The site has not be redeveloped since purchase 1981.			
Total Property Size: 3.5 acres		Original Construction Date: 1981	
Total Number of Buildings: 10		Was Construction Phased? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
Total Sq. Ft. of Buildings: 69,000		Dates of Renovations/Phases:	
Are there any bodies of water on or immediately adjacent to the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please describe:			
Potable Water Source:		Electricity:	Gas:
Any waste water discharge at the site? <input type="checkbox"/> Septic Tank/Leachfield <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Other			
OCCUPANTS/TENANTS			
Current Occupant(s)/Tenant(s)	Length of occupancy	Brief description of on-site operations	

Please fax or email the completed questionnaire to:
 (330) 777-0502 or terry@cresurveys.com



<i>Previous Occupant(s)/Tenant(s)</i>	<i>Length of occupancy</i>	<i>Brief description of on-site operations</i>

Has the subject site ever been occupied by the following:
 Dry Cleaner Gas Station Printing Facility Manufacturing Facility
 If yes, provide length of occupancy:

Have any previous investigations been performed at the subject property? Yes No
 If Yes, are copies available?

If Yes, note type and describe: Phase I ESA Phase II Asbestos Lead Paint Radon

ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions, either current or former, on the subject site?
NOTE: If applicable, please provide inventory records, inspection records and material safety data sheets to site inspector during site inspection.

<i>Environmental Condition/Issue</i>	<i>Response</i>	<i>Notes on Yes Responses</i>
Aboveground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Underground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hazardous/Toxic Substances	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Stored Chemicals	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Chemical Spills/Releases	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Dump Areas/Landfills	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Waste Treatment Systems	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Wastewater Discharges	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Floor Drains/Sumps/Clarifiers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Are you aware of any of the following environmental conditions, either current or former, on the subject site?

<i>Environmental Condition/Issue</i>	<i>Response</i>	<i>Notes on Yes Responses</i>

**Please fax or email the completed questionnaire to:
 (330) 777-0502 or terry@cresurveys.com**



Pits, Ponds, Lagoons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Stained Soil/Vegetation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pesticide/Herbicide Use	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Polychlorinated Biphenyls (PCBs)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electrical Transformers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Hydraulic Lifts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Elevators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Asbestos	<input type="checkbox"/> Yes <input type="checkbox"/> No	Potentially, based on year built/purchased.
Lead-based paint	<input type="checkbox"/> Yes <input type="checkbox"/> No	Potentially, based on year built/purchased.
Oil/Gas Wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Environmental Clean-ups	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Environmental Permits	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

OTHER ENVIRONMENTAL CONDITIONS

Are you aware of any environmental liens recorded against the property? Yes No

Are you aware of any pending, past or threatened litigation related to hazardous substances or petroleum products releases at the property? Yes No

Are you aware of any cases of extreme water damage or mold throughout the building(s)? Yes No
 If yes, provide brief explanation.

Person Completing Questionnaire: Mark Kennedy

Title/Affiliation to the subject property: Development Manager, Public Storage

Number of Years Associated with the subject property: 1 year

Date: 01/23/2018

**Please fax or email the completed questionnaire to:
 (330) 777-0502 or terry@cresurveys.com**

Resumes



John O. Krusinski, Environmental Professional

Surveyor Environmental, Inc. Senior Project Manager and Environmental Consultant

This firm specializes in providing Environmental consulting, investigation and remediation services, property condition assessments, zoning services, construction consulting/management and training worldwide.

John Krusinski has completed thousands of successful projects worldwide since 1990.

Projects included:

Environmental Phase One Assessments

ALTA/ACSM surveys,

Property condition assessments

Zoning

Construction, Project managers and special inspections

Industrial Auditing/Consulting

Environmental Subsurface Investigations

Environmental Remediation Projects

Underground Storage Tank removal and management

Spill plan development

NEPA surveys and consulting

Biological assessments

Wetland delineation, mitigation and consulting

Project management

Site acquisition specialists

Construction management

Historical surveys and consulting

Archeological studies and consulting

Hazardous material evaluation and management

Asbestos Building inspector/management planner

The Orin Group, LLC - President/CEO/Founder

4/15/1992-6/12/2012

The Orin Group, LLC was an international consulting firm. I developed this company from a business plan to an internationally utilized and respected Company.

•Offices located in: Ohio, California, Rhode Island, Colorado, Virginia, Florida, Brazil, England and China.

• “Orin” quickly became an internationally respected consulting firm

- Progressive background in Operations Management and Human Resources, Sales and Marketing
- Proven business-building and management capabilities. Skilled in designing, implementing and tracking the effectiveness of programs to enhance productivity while motivating employees.
- Effective communication with a proven track record in project management, contract negotiation, problem negotiation and creative resolution
- Experienced in diversified environments including consulting, employee negotiation and management to creatively utilize employee skills and abilities
- Created and enforced a national diversity employment program
- Performed continuing research to update policies and procedures
- Promoted company image and established a system of recruitment for all employees
- Designed and implemented all in-house and in-field training
- Employee relations, employment and labor laws in multiple states
- Employees consisted of the following disciplines: Biologists, Geologists, Chemists, Engineers, Environmental Managers, Community Planners, Forestry Specialists, Historical Architects, Archeologists, Historians, Graphic Design Artists, Engineers and Surveyors

Oringen, Inc. – President

This company utilized technology invented at KSU to create devices that could identify organisms utilizing liquid crystal technology.

Standing Rock Imaging, LLC - President

Created products, systems and methods for the real time display and manipulation of extremely large data sets using real time volume rendering and display of stereoscopic volumetric images using all the data for extremely large data sets.

McCabe/Orin - Partner

This national company builds and upgrades cellular towers for the telecommunication industry.

Project Management International, LLC - Partner

This company provides project management for the US Government, military and local governments.

Kent State University, College of Arts and Sciences Advisory Board: 1998 -2013

Former Director of Environmental Technology, Kent State University

Military Services Personnel Corporation - Executive Vice President of Environmental Programs

This company serves the United States Government as a contractor worldwide. Project areas include: Environmental Investigation/Remediation, Construction, Providing administrative personnel, Project management and training.

Academy of Environmental Sciences, Inc. - Founder- A national company, which provided training nationwide on environmental and construction/real estate topics. Clients included Real Estate agents to receive continuing education credits for the Ohio Board of Realtors, Asbestos workers to become, and maintain, certification with the Environmental Protection Agency. Environmental consultants can receive training in wetland consulting and other environmental topics.

Founder, President and CEO

1993-1998

*Developed this company from a business plan and staffed it with employees from Orin

- This corporation was created as a for profit company
- Value added considerations include: Improved corporate image for the Academy and Orin Environmental, Inc. It was also utilized as an incentive program for the staff
- Presented training courses and lectures for classes varying in size from a handful to over 100 participants
- Wrote and designed course objectives and goals at the same time assuring that they met state and/or federal requirements

Environmental Support Network - Hired to establish and create a regional office and complete work as an environmental consultant

ACRT Inc. - Hired to market and complete environmental assessments

T. Environmental Consulting -Environmental Consultant. Completed Environmental Site assessments, subsurface investigations, Underground tank removal, Environmental remediation and provided consulting to industrial clients on employee training, OSHA and other work place regulations.

Valley Fire and Rescue - Lieutenant,

University of Michigan – Research, The effects of acid rain on the Great Lakes region. 1987-1991

Certifications

Building Inspector (Asbestos)

Management Planner (Asbestos)

Certified Hazardous Material Evaluator

Wetland Delineation

Microbial Identification

OSHA 40 Hour Safety Training

Certified Environmental Auditor

Radon testing

Education

Kent State University, Bachelor, Biology

Kent State University, Masters studies in the school of technology

University of Cincinnati, Asbestos Training

Wetland Training Institute

Previous Environmental Studies Completed by Others

**PHASE I ENVIRONMENTAL ASSESSMENT
PUBLIC STORAGE FACILITY
231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA**

Submitted to:

**Public Storage, Inc.
Glendale, California**

**Public Storage Project No. 00616
TRC Project No. 7013-P73-00**

March 15, 1990

TRC

***Environmental
Consultants, Inc.***

23361 Madero Street
Suite 100
Mission Viejo, CA 92691-2730

(714) 581-6860

A **TRC** Company

Factual information regarding operations, and test data has been obtained in part from company personnel, the facility audited, and its employees or agents and has been assumed by us to be correct and complete. Since the statements in this report are subject to professional interpretation, they could result in differing conclusions. In addition, the findings and conclusions contained in this report are based on various quantitative and qualitative factors as they existed on the date of this report. Therefore, there can be no assurance that intervening factors will not arise which will affect the conclusions reached by TRC. This information is submitted solely for the internal use of Public Storage, Inc.

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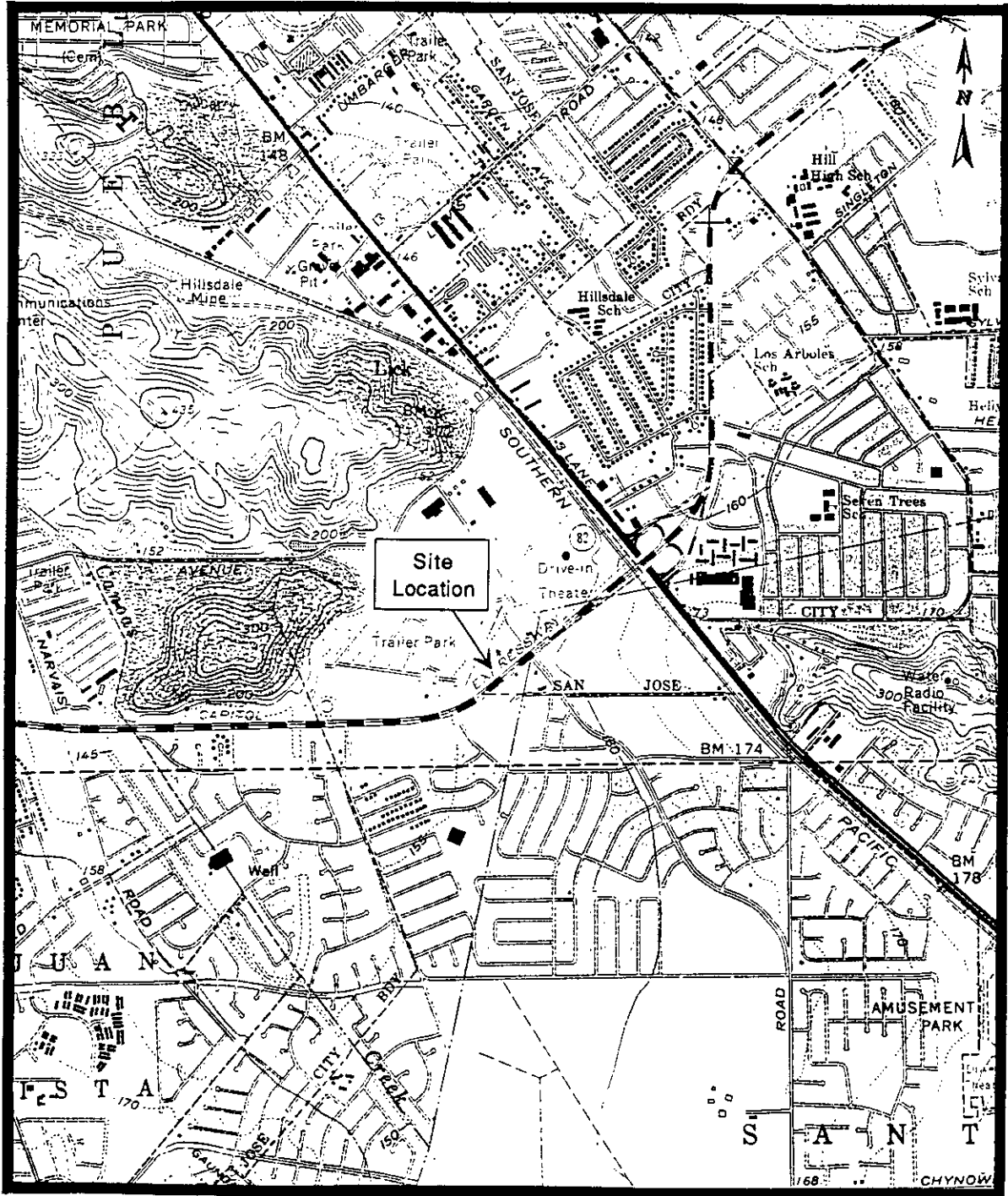
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1.0 INTRODUCTION

Public Storage, Inc. retained TRC Environmental Consultants, Inc. (TRC) on January 25, 1990 to perform an environmental assessment of the existing Public Storage mini-storage facility located at 231 W. Capitol Expressway in the City of San Jose, California (Figure 1). The environmental assessment included a site history survey with review of aerial photographs, the contact of various local and state regulatory agencies to determine if past or present activities on or adjacent to the subject property may present environmental concerns, a site walk-over of the mini-storage facility and subject property, and an asbestos survey and analysis of bulk material samples for asbestos.

The assessment was performed by Associate Project Hydrogeologist Scott A. Armstrong. Principal Engineer Joseph Como provided general management of this project and final report review. Vice President and Manager of Hazardous Waste Services Anthony F. Severini provided final approval of this report.



USGS 1:24,000 SCALE
SAN JOSE EAST
QUADRANGLE TOPOGRAPHIC MAP

SITE LOCATION

231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA

7013-P23-00

FIGURE 1

2.0 SITE HISTORY

2.1 Aerial Photograph Analysis

TRC performed a site history survey of the subject property using aerial photographs to evaluate whether prior land use poses a source for any possible environmental concerns. Aerial photographs for the years 1954, 1963, 1966, 1971, 1976, 1980, 1984, and 1988 were examined at Pacific Aerial in Oakland, California.

In the 1954 photograph, the area that Public Storage currently occupies and most of the surrounding land appears to be undeveloped range land. What appears to be an agricultural processing facility is visible to the east of the subject property.

There is no change in the 1963 and 1966 photographs. In the 1971 photograph a trailer park is visible to the north. About 3/4 of the trailer lots are occupied. The Shell station on the corner of Mabury Road and Snell Avenue is visible.

In the 1976 photograph, a drive-in theater is visible on the east side of Snell Avenue. All other landmarks remain the same.

In the 1980 photograph, a mini-storage facility on the east side of the subject property is visible. The British Petroleum station on the corner of Capitol Expressway and Snell Avenue is present.

In the 1984 photograph, the mini-storage facility is visible on the subject property. Apartment buildings are visible on the south side of Capitol Expressway. There is no change in the 1988 photograph.

2.2 Past Ownership Survey

TRC visited the Santa Clara County Recorder's Offices to research past ownership on the subject property to identify whether prior ownership of the land could pose an environmental concern. Records were available only back to 1986 on computer. The subject property is identified

at the Recorder's Office as parcel 462-01-019. Available records indicate that Public Storage has owned the subject property continuously since September 2, 1986. The records indicate that a transaction took place in 1986 between Public Storage and Donald F. Imwalle Inc. and Charles K. Stegner, Inc.

2.3 Regulatory Agency Contacts

TRC contacted several state and local regulatory agencies with regard to the Public Storage site and adjacent properties to determine if any environmental problems currently exist or have existed in the past. The following summarizes these contacts.

The City of San Jose Fire Department was contacted regarding information on underground storage tanks (USTs) and possible violations to local fire codes that may exist at or adjacent to the subject property. The Fire Department representative informed TRC that no violations were recorded.

TRC reviewed the Hazardous Waste and Substances Sites List (commonly referred to as the "Cortese List") pursuant to the California Government Code Section 65962.5. The listing is a compilation of information published by the California Regional Water Quality Control Board (RWQCB), the California Waste Management Board (CWMB) the California Department of Health Services (DHS) Division of Environmental Health, Contaminated Well List (AB 1803) and the DHS Toxic Substances Control Division (TSCD) State Abandoned Sites Program Information System (ASPIS). Sites identified on the Cortese List are labeled as to the lead regulatory agency involved with the case and where to pursue current information on site status. TRC maintains a current version of the Cortese List as well as current listings from the RWQCB, the CWMB and the DHS. Information found in the Cortese List is then researched using reports from the respective agency involved with each site. A review of the list indicated that there are six sites within a 1-mile radius of the subject property. All the sites have reported UST leaks. All of the sites are either downgradient of the subject property, with respect to groundwater flow direction, or far enough away that they are not

expected to pose an environmental concern to the subject property.

The Bay Area Regional Water Quality Control Board (RWQCB) also maintains a listing and files of leaking USTs. The RWQCB listing was consulted. There are six cases of leaking USTs within a one-mile radius of the subject property. These are the same six cases previously discussed.

The "California Department of Health Services Expenditure Plan for the Hazardous Substances Cleanup Bond Act of 1984" was reviewed. The Expenditure Plan represents the California State Department of Health Services Plan for hazardous waste site cleanup activity through 1991. There are no sites within a 1-mile radius of the subject property.

TRC also reviewed the California Waste Management Board listing for inactive and active landfills and solid waste transfer stations. No sites were listed within a 1-mile radius.

TRC consulted the Environmental Protection Agency (EPA) National Priority List (NPL) for hazardous waste generators which are or are proposed to be EPA-enforced Superfund sites. No sites were listed within a 1-mile radius.

Mr. Ron Clawson of the RWQCB, was contacted regarding the groundwater conditions in the vicinity of the subject site. According to Mr. Clawson, first groundwater typically occurs approximately 30 to 50 feet below ground surface in this area. The groundwater gradient appears to be to the northwest according to monitoring well data.

TRC consulted the DHS Abandoned Sites List which provides information concerning past and present potential hazardous waste sites that could be considered potential State Bond Expenditure Plan sites. This list was generated in the early and mid 1980's by conducting very general overviews of sources which include the phone books. Consequently, this list is not considered as an accurate final source of information but as a preliminary first review. No sites were identified on this list as being within a 1-mile radius of the subject property.

3.0 SITE RECONNAISSANCE

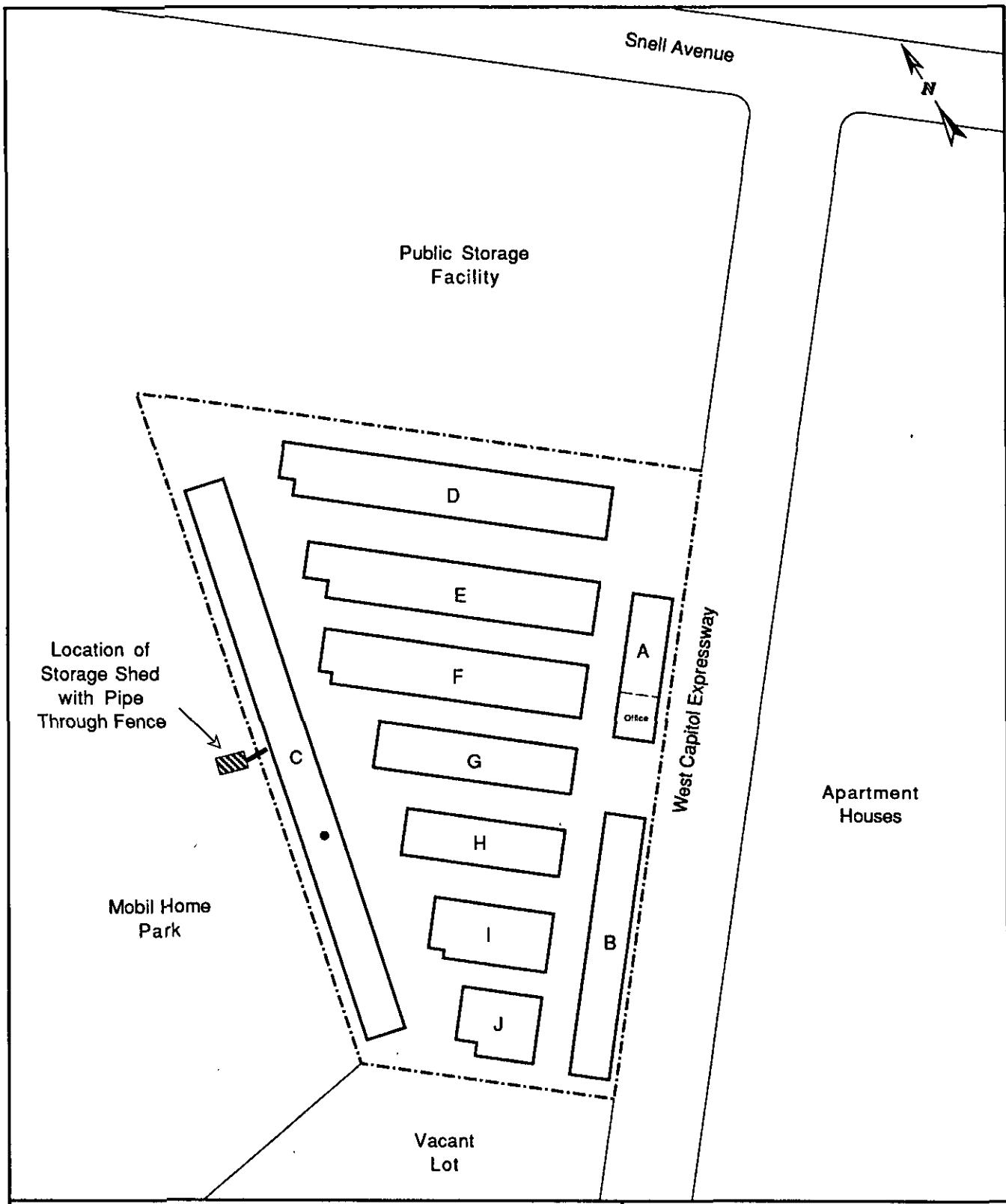
On February 21, 1990, TRC personnel visited the subject property. The site is located on the north side of West Capitol Expressway near Snell Avenue in San Jose, California. Another Public Storage facility is located next door to the subject property on the northeast side. The area surrounding the subject property includes the trailer park to the north, an empty lot to the southwest and apartment houses to the south (Figure 2).

The subject property is flat and sloped toward several storm drains on the perimeter driveways. The subject property consists of 10 storage buildings of concrete walls and wood framed roofs. All of the buildings are built on concrete foundations and include no subsurface structures or basements. Most of the subject property is surfaced with asphalt. Therefore, any soil staining or discoloration could not be observed in these areas.

Exposed soil with some vegetation was observed on the sides and back of Building C. TRC personnel noted the presence of a 2 inch PVC waste pipe protruding through the wooden fence in back of Building C. The pipe is apparently designed to drain wastewater onto the subject property from the neighboring property (see Figure 3). No liquid was observed coming out of the pipe. However, the soil near the outlet of the pipe was discolored to a light gray color. It appeared that the pipe had discharged liquids onto the subject property in the past. The pipe appears to originate in a small metal storage shed on the trailer park site. The trailer park is only open to residence and guests so no attempt could be made to find out the address of the discharger.

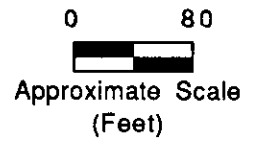
The manager's apartment contained plaster walls and ceilings and carpeted floors. A small amount of floor tiling (less than 50-square feet) was present in the bathroom.

Observation of neighboring properties revealed no visual indication of soil staining. No electrical transformers were identified on the subject property. No other potential environmental hazards, such as unusual stains or stored hazardous materials were observed on or immediately adjacent to the subject property.



EXPLANATION

- Property Boundary (Fence Line)
- Asbestos Sampling Location

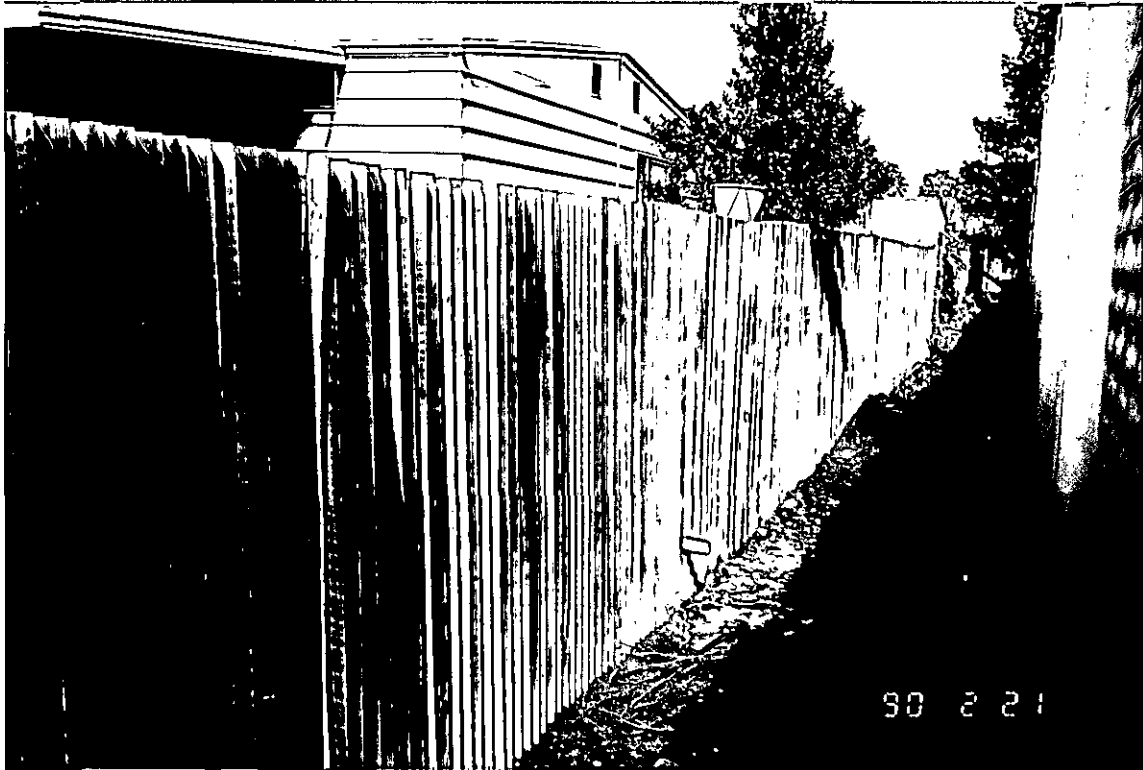


SCHEMATIC PLOT PLAN

231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA

7013-P23-00

FIGURE 2



EXPLANATION

PVC Pipe Through Fence

PHOTO LOG

231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA

7013-P23-00

FIGURE 3

4.0 ASBESTOS INVESTIGATION

During the site walk-over TRC personnel collected a bulk material sample from the roof to be analyzed for the presence of asbestos-containing material. No other ACM, such as transite board, sprayed-on ceiling material or sprayed-on fireproofing was observed in the buildings.

The sample was analyzed by the TRC Asbestos Laboratory in East Hartford, Connecticut, using polarized light microscopy (PLM) coupled with dispersion staining to identify each constituent. The TRC laboratory is certified by the Environmental Protection Agency (EPA), the State of Connecticut Department of Health Services, and the American Industrial Hygiene Association (AIHA) in asbestos analysis. No asbestos was detected in the bulk sample collected from the roof of Building C. The location of the bulk sample collected from the Building C is shown in Figure 2. Laboratory analysis and accompanying Chain-of-Custody documentation is attached in the Appendix.

5.0 SUMMARY AND CONCLUSIONS

During the preliminary environmental assessment of the Public Storage mini-warehouse facility located at 231 W. Capitol Expressway, San Jose, California, TRC performed a site history survey using aerial photographs, performed a site inspection, collected one bulk material sample for asbestos analysis, contacted local regulatory agencies, and reviewed regulatory agency documents. Based on the results of this preliminary environmental assessment, the only environmental concern appears to be the apparent discharge of waste liquid onto the subject property behind Building C and the associated soil staining. TRC recommends soil samples be collected at this location and analyzed for metals and pesticides. The discharge pipe should be removed from the site after the results of laboratory analyses are received and reviewed.

Of the sites with potential environmental problems that are located within a mile of the subject property, none are expected to cause an environmental concern at the subject property.

The surface inspection of the subject property and surrounding land use did not indicate any other environmental problems. Furthermore, the historical aerial photograph review and a title search did not reveal any environmental problems.

An asbestos survey of the buildings on the subject property did not revealed any suspect asbestos containing building materials. A bulk asbestos sample was taken of the roofing material on the buildings. Laboratory analysis did not reveal any asbestos in the roofing materials.

APPENDIX

(CHAIN-OF-CUSTODY DOCUMENTATION)

AND

(ASBESTOS RESULTS)

Log No. 8931

TRC Environmental Consultants, Inc.
800 Connecticut Blvd.
E. Hartford, CT 06108
Connecticut Laboratory
Certification No. PH 0426

Client Public Storage

Address _____

California

Date Rcvd. 3/17/90 Date Analyzed 3/17/90

ANALYST(S) :

Project No. 7013-P23

Lance Cotton
(print) _____ (print)

Lance Cotton
(signature) _____ (signature)

Field ID PA-1 Ref # A-11/LRC Asbestos Present no

Homogenous Y Multi-layered N Layer # _____ Color black

Type of Asbestos & % : ndc 1%

Other Fibrous Materials & % : cellulose 2%, fiberglass 25%

% Matrix Material & Type : nsfm & crystalline 73%

Field ID VA-1 Ref # A-95/LRC Asbestos Present no

Homogenous Y Multi-layered N Layer # _____ Color black

Type of Asbestos & % : ndc 1%

Other Fibrous Materials & % : fiberglass 10%

% Matrix Material & Type : nsfm & crystalline 90%

Field ID PA-1 (wall) Ref # A-15/LRC Asbestos Present yes

Homogenous Y Multi-layered N Layer # _____ Color white/gray

Type of Asbestos & % : Chrysotile 70%

Other Fibrous Materials & % : _____

% Matrix Material & Type : nsfm & crystalline 30%

TRC Environmental Consultants, Inc.

Field ID PS-2 (roof) Ref # A-15/LRC Asbestos Present no
 Homogenous Y Multi-layered N Layer # Color black
 Type of Asbestos & % : ndc 1%
 Other Fibrous Materials & % : fiberglass 15%
 % Matrix Material & Type : nsfm & crystalline 85%

Field ID PS-3 (ceiling) Ref # A-16/LRC Asbestos Present no
 Homogenous Y Multi-layered N Layer # Color black
 Type of Asbestos & % : ndc 1%
 Other Fibrous Materials & % : fiberglass 10%
 % Matrix Material & Type : nsfm & crystalline 90%

Field ID PS-4 (Marbury) Ref # A-16/LRC Asbestos Present no
 Homogenous Y Multi-layered N Layer # Color black
 Type of Asbestos & % : ndc 1%
 Other Fibrous Materials & % : fiberglass 20%
 % Matrix Material & Type : nsfm & crystalline 80%

Field ID Ref # Asbestos Present
 Homogenous Multi-layered Layer # Color
 Type of Asbestos & % :
 Other Fibrous Materials & % :
 % Matrix Material & Type :

METHOD: 40 CFR
 Interim Method of the Determination of
 Asbestos in Bulk Insulation Samples

April 18, 1990

Mr. Jim White
Public Storage, Inc.
700 N. Central Ave, Suite 300
Glendale, CA 91203

RE: Cost Proposal for Phase II Investigations - Public Storage Fund VI
TRC Proposal No. 7657-P73-9004

Dear Jim:

In response to your request on April 10, 1990, TRC Environmental Consultants, Inc. (TRC) is pleased to submit the following scope of work and cost proposal for Phase II Investigations at sites included in your Fund VI. In March, 1990, TRC completed Phase I Investigations on the 24 sites. During those investigations, TRC identified 16 sites with potential environmental concerns. These environmental concerns ranged from previous tanks on the Public Storage site to potential off-site sources of soil and/or groundwater contamination.

To address these concerns, we have separated the sites into two groups. The first group contains sites where it is our opinion the greatest potential for environmental liability exists. Group I sites are those where we have identified environmental concerns from past activities on the sites themselves. Group II sites are those where there is an environmental concern from existing off-site activities such as a neighboring gasoline station.

The following is a breakdown of the recommended Phase II Investigations by site.

GROUP I - POTENTIAL ON-SITE SOURCES OF ENVIRONMENTAL CONCERN

- PS# 00613 Southgate, CA: TRC recommends that a geophysical survey be conducted in the area where the demolition map indicates 2 underground storage tanks (USTs) were previously located to assess whether the tanks are still present on the site. Four soil borings should be drilled in this area to depths of approximately 25 feet with soil samples collected at 5 foot intervals using a modified California split-spoon sampler. Samples will be field screened for determination of which samples will be analyzed for hydrocarbon constituents. If contaminated soil is detected in the deepest sample(s), advise Public Storage before proceeding with deeper borings and/or groundwater monitoring wells.

Los Angeles, CA • Denver, CO • Hartford, CT • New York, NY • Somerset, NJ • Washington, DC • Seattle, WA
A TRC Company

APR 18 '90 11:36

8818 24 7714 5816860 PAGE.002

- PS#00618 Portland, OR: Since the site was previously occupied by a brush manufacturing company, TRC recommends the drilling of 3 shallow soil borings to a depth of 20 feet to assess the possibility that chemical constituents from that operation remain in the soils. Aerial photographs should be re-inspected before drilling to help select the boring locations. Soil samples from the borings should be collected at 5-foot intervals with a split spoon sampler and analyzed for hydrocarbon constituents and metals.
- PS#00620 Chicago, IL: TRC is aware of 1,000 linear feet of asbestos containing thermal system insulation (TSI) in the building, however, some areas of the building may contain additional TSI that was inaccessible during TRC's initial inspection. TRC recommends that a complete inspection of the building be performed to identify all of the asbestos containing TSI. The data from this inspection will be used to develop an asbestos management plan and asbestos abatement specifications if necessary.
- PS#00622 Williamsville, NY: Although the property was owned by Mobil Oil and D&E Motors during 1973 to 1981, no evidence of activity was observed on the property during this period. A report of spilled oil at the neighboring Oldsmobile dealership was recently received by TRC, but the report listed the site as having been cleaned up. Unless additional information is obtained that provides evidence of a potential problem, TRC does not recommend further investigations on this site at this time.
- PS#00623 Amherst, NY: TRC recommends further investigation to determine whether 5 suspected USTs remain on the site. If no evidence of their removal is obtained, TRC recommends a geophysical survey be performed in the area where a blueprint has placed them. TRC proposes that 3 groundwater monitoring wells be drilled to a depth of 15 to 20 feet on the property. Groundwater is reported to be at 5 feet depth. Soil samples should be collected above the water table with a split spoon sampler, and groundwater samples should be collected from each well. The samples should be analyzed for gasoline and diesel constituents.

GROUP II - EXISTING POTENTIAL OFF-SITE SOURCES OF CONTAMINATION

- PS# 00601 Decatur, GA: Drill three groundwater monitoring wells to assess potential contamination from existing gasoline stations hydrologically upgradient to the site as well as past gasoline station to directly east of the site. For costing purposes, it has been assumed the wells will be less than 40 feet in depth. Soil samples will be collected at 5 foot intervals and field screened for determination of those samples that will be analyzed for hydrocarbon constituents.

TRC

J. White
April 18, 1990
Page 3

- PS# 00602 Smyrna, GA: Drill one soil boring and complete as groundwater monitoring well to assess possible contamination from gasoline station adjacent to the subject property. Well will be approximately 40 feet deep. Soil samples will be collected at 5-foot intervals and field screened for laboratory analyses of hydrocarbon constituents.
- PS# 00603 Downey, CA: Drill three soil borings and complete as groundwater monitoring wells to assess possible migration of hydrocarbon contamination on to the subject property from Public Works property and Rockwell facility. Soil samples will be collected at 5-foot intervals and field screened for laboratory analyses of hydrocarbon constituents. Wells will be approximately 40 feet deep.
- PS#00605 Lynnwood, WA: A junk yard located to the south of the subject site is a potential source of subsurface contamination. However, local topography indicates that groundwater flow direction may be toward the south. Therefore, TRC recommends that additional research be performed on the subject site to develop a better understanding of the local hydrogeology.
- PS#00606 Kent, WA: TRC recommends the drilling of two soil borings on the southern portion of the site, adjacent to the area of underground storage tanks at Ranger Boats. Local topography indicates that groundwater flow direction may be toward the west-northwest. The borings should be advanced to a depth of 30 feet, with soil samples collected with a split spoon sampler at 5-foot intervals. If groundwater is encountered, one of the borings should be completed into a groundwater monitoring well and water samples collected. The samples should be analyzed for hydrocarbon constituents.
- PS#00607 Kirkland, WA: Underground storage tanks at the Kirkland City Yard is a potential source of subsurface contamination. However, local topography indicates that groundwater flow direction may be toward the west. Therefore, TRC recommends that additional research be performed on the subject site to develop a better understanding of the local hydrogeology.
- PS#00608 Federal Way, WA: Groundwater flow direction is difficult to evaluate based on local topography. Therefore, TRC recommends that additional research be performed on the subject site to develop a better understanding of the local hydrogeology. The presence of underground storage tanks at the Chevron Service Center located to the south of the subject site represents a potential source of subsurface contamination.

TRC

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- PS# 00610 Burlingame, CA: Drill one soil boring and complete as groundwater monitoring well to assess possible migration of contamination from two off-site sources on to the subject property. The Upgradient sites have possible hydrocarbon contaminated groundwater. Soil samples will be collected at 5-foot intervals and field screened for laboratory analyses of hydrocarbon constituents. Well will be approximately 40 feet deep.
- PS# 00615 La Puente, CA: Review information at Regional Water Quality Control Board (RWQCB) and Department of Health Services (DHS) on the regional groundwater contamination and particularly information on the monitoring wells across the street from the subject property. Based on the findings from these agencies, assess the need for groundwater monitoring well on the subject property. If one is needed, drill groundwater monitoring well to a depth of approximately 80 feet. Soil samples will be collected at 5-foot intervals and field screened for laboratory analyses of volatile organics. WELL INCLUDED
- PS#00621 Palatine, IL: TRC recommends the drilling of two soil borings on the northeastern and northwestern portions of the site, adjacent to the area of underground storage tanks at the Shell Service. The boring should be advanced to a depth of 25 feet, with soil samples collected with a split spoon sampler at 5-foot intervals. If groundwater is encountered (it has been reported to be found at 10 to 15 feet below the surface), the borings should be completed into a groundwater monitoring wells and a water sample collected. Samples should be analyzed for hydrocarbon constituents.

TRC

PROPOSED COSTS

The following is a breakdown of the estimated costs for the proposed scope of work.

GROUP I - Potential On-Site Source of Contamination

PS# 00613 Southgate, CA	\$ 7,100
PS# 00618 Portland, OR	10,500
PS# 00620 Chicago, IL (inspection only)	2,900
PS# 00622 Williamsville, NY	0
PS# 00623 Amherst, NY	<u>\$10,500</u>
Subtotal	\$31,000

GROUP II - Existing Potential Off-Site Sources of Contamination

PS# 00601 Decatur, GA	\$10,500
PS# 00602 Smyrna, GA	3,600
PS# 00603 Downey, CA	11,500
PS# 00605 Lynnwood, WA	500
PS# 00606 Kent, WA	7,000
PS# 00607 Kirkland, WA	500
PS# 00608 Federal Way, WA	500
PS# 00610 Burlingame, CA	3,900
PS# 00615 La Puente, CA	8,000
PS# 00621 Palatine, IL	<u>7,000</u>
Subtotal	\$53,000
TOTAL	\$84,000

TRC

J. White
Page 6
April 18, 1990

The proposed costs are estimates and do not include costs associated with travel. All costs will be incurred on a time and materials basis in accordance with TRC's Statement of Time and Materials Charges attached. All work will be performed in accordance with TRC's ~~General Terms and Conditions~~ attached. All laboratory costs assume a 2-week turnaround on laboratory analyses. The work performed at each site will be billed on separate invoices. Payment terms are net 30 days upon receipt of invoice. Overdue invoices are subject to a 1% per month interest charge.

MASTER
AGREEMENT

SCHEDULE

TRC will commence work upon receipt of written authorization to proceed with each site. It is anticipated that drilling can be completed within 2 weeks of authorization to proceed at each site depending upon driller availability. Brief letter reports will be prepared for each site summarizing the work performed and results of laboratory analyses. These reports will be completed within 1-week of receipt of written results of laboratory analyses. Any recommendations for further studies, if necessary, will be included in the reports.

Please review this proposal at your earliest convenience and call us if you have any questions or need further information. To indicate authorization of the work at a particular site, please initial next to the scope of work for that site. Please sign one copy of this authorization letter in the space provided on the following page and return it to this office. One copy is provided for your records.

Very truly yours,

TRC ENVIRONMENTAL CONSULTANTS, INC.

Patricia D. Royalty
Principal Consulting Hydrogeologist

Richard S. Fox
Principal Consulting Hydrogeologist

Anthony F. Severini, R. G.
Vice President and Manager
Hazardous Waste Services

Attachments

TRC

APR 18 '90 11:38

8818 24 7714 5816860 PAGE.007

J. White
Page 7
April 18, 1990

I hereby authorize the scope of work described in this proposal for the following Public Storage Project Numbers and agree to the terms and conditions attached.

Public Storage Project Numbers - Authorized to Proceed with Phase II Investigation

(Signature)

(Title)

(Company)

(Date)

Note: This proposal is proprietary and is the sole property of TRC Environmental Consultants, Inc. (TRC). Distribution of this proposal to a third party without written consent of TRC is prohibited.

RE: Phase II Investigations, Fund VI Properties - Public Storage, Inc.

TRC

APR 18 '90 11:38

8818 24 7714 5816860 PAGE.008

TRC

**Environmental
Consultants, Inc.**

800 Connecticut Boulevard
East Hartford, CT 06108
Tel. (203) 289-8631

PLEASE REMIT TO:
P.O. Box D-3432
Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 17, 1990
Invoice No. 1280
Project No. 7777

Attn: Jim White

For: Additional Rsearch: Lynnwood, Kirkland, Federal Way, Washington
Public Storage Project No. 00605, 00607, 00608

Professional Services for the Period May 1 through July 13, 1990
100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Senior Project Manager	4	\$104.00	\$ 416.00
Technical Specialist	28	\$ 42.00	\$ 1,176.00
Technical Specialist, OT	4	\$ 55.00	\$ <u>218.40</u>
	Total Labor		\$ 1,810.40
<u>Reimbursables</u>			
Travel and Subsistence			\$ 218.98
Telephone			\$ 6.00
Copying			\$ 1.25
Computer Time			\$ <u>2.85</u>
	Total Reimbursables		\$ 229.08
Total Due and Payable This Invoice			\$ 2,039.48

PS PVI

O.K. TO PAY *Carroll* ROBERT COLE
ACCOUNT TO CHARGE *#00605* -
607 -
608 -

7/18/90

TRC
Environmental
Consultants, Inc.

800 Connecticut Boulevard
East Hartford, CT 06108
Tel. (203) 289-8631

PLEASE REMIT TO:
P.O. Box D-3432
Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 17, 1990
Invoice No. 1279
Project No. 7776

Attn: Jim White

For: Phase II Environmental Assessment - Kent, Washington
Public Storage Project No. 00606

Professional Services for the Period May 1 through July 13, 1990
100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Senior Project Manager	8	\$104.00	\$ 832.00
Technical Specialist	41	\$ 42.00	\$ 1,722.00
Technical Specialist, OT	8	\$ 55.00	\$ 436.80
Total Labor			\$ 2,990.80

Reimbursables

Drilling and Testing	\$ 1,947.00
Laboratory Analyses	\$ 538.00
Geophysical Locator	\$ 735.43
Soil Disposal	\$ 350.00
Travel and Subsistence	\$ 856.45
Shipping and Mailing	\$ 8.29
Telephone	\$ 16.10
Copying	\$.20
Computer Time	\$ 46.03
Expendables	\$ 61.42
Equipment Rental	\$ 142.55

Total Reimbursables \$ 4,701.47

Total Due and Payable This Invoice \$ 7,692.27

PS PVI

O.K. TO PAY *Robert Cole*
ROBERT COLE
ACCOUNT TO CHARGE 00606

✓ 7/18/90

TRC

**Environmental
Consultants, Inc.**

800 Connecticut Boulevard
East Hartford, CT 06108
Tel. (203) 289-8631

PLEASE REMIT TO:
P.O. Box D-3432
Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 17, 1990
Invoice No. 1278
Project No. 7775

Attn: Jim White

For: Phase II Environmental Assessment - Portland, Oregon
Public Storage Project No. 00618

Professional Services for the Period May 1 through July 13, 1990
100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122.00	\$ 122.00
Senior Project Manager	8	\$104.00	\$ 832.00
Technical Specialist	48	\$ 42.00	\$ 2,016.00
Technical Specialist, OT	4	\$ 55.00	\$ 218.40
Total Labor			\$ 3,188.40

Reimbursables

Drilling and Testing	\$ 934.30
Laboratory Analyses	\$ 1,200.60
Geophysical Locator	\$ 172.50
Travel and Subsistence	\$ 850.70
Telephone	\$ 17.20
Copying	\$ 2.50
Computer Time	\$ 24.09
Expendables	\$ 59.97
Equipment Rental	\$ 142.54

Total Reimbursables \$ 3,404.40

Total Due and Payable This Invoice \$ 6,592.80

PS PVI

O.K. TO PAY *James Starnelli* ROBERT COLE
ACCOUNT TO CHARGE 00618

vw 7/18/90

Public Storage, Inc.
 1015 Grandview Avenue
 Glendale, CA 91201-5050

July 17, 1990
 Invoice No. 1277
 Project No. 7774

Attn: Jim White

For: Phase II Environmental Assessment - Chicago, Illinois (Asbestos)
 Public Storage Project No. 00620

Professional Services for the Period May 1 through July 13, 1990
 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Senior Project Manager	1	\$104.00	\$ 104.00
Project Scientist	36	\$ 66.00	\$ 2,376.00
Staff Scientist	1.5	\$ 52.00	\$ 78.00
Technical Specialist	2.5	\$ 42.00	\$ 105.00
Technical Assistant	4.5	\$ 32.00	\$ 144.00
	Total Labor		\$ 2,807.00

<u>Reimbursables</u>		
Travel and Subsistence		\$ 1,240.10
Shipping and Mailing		\$ 17.83
Telephone		\$ 5.00
Copying		\$ 10.00
Computer Time		\$ 11.30
Expendables		\$ 26.58
Supplies		\$ 10.00
Equipment Rental		\$ 15.00
	Total Reimbursables	\$ 1,335.81

Total Due and Payable This Invoice \$ 4,142.81

PSPI

O.K. TO PAY *G. J. Melle* ROBERT COLE
 ACCOUNT TO CHARGE #00620
WJ 7/18/90

TTC
Environmental
Consultants, Inc.

800 Connecticut Boulevard
 East Hartford, CT 06108
 Tel. (203) 289-8631

PLEASE REMIT TO:
 P.O. Box D-3432
 Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
 1015 Grandview Avenue
 Glendale, CA 91201-5050

July 17, 1990
 Invoice No. 1275
 Project No. 7772

Attn: Jim White

For: Phase II Environmental Assessment - Amherst, NY
 Public Storage Project No. 00623

Professional Services for the Period May 1 through July 13, 1990
 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122.00	\$ 122.00
Senior Project Manager	28	\$104.00	\$ 2,912.00
Staff Scientist	11	\$ 52.00	\$ 572.00
Technical Specialist	14.5	\$ 42.00	\$ 609.00
Technical Assistant	0.5	\$ 32.00	\$ 16.00
	Total Labor		\$ 4,231.00

<u>Reimbursables</u>		
Soil Gas - Tracer		\$ 5,032.29
Geophysical Clearance		\$ 287.50
Travel and Subsistence		\$ 1,002.90
Shipping and Mailing		\$ 17.83
Telephone		\$ 25.49
Copier		\$ 9.60
Computer Time		\$ 43.43
Expendables		\$ 8.05
	Total Reimbursables	\$ 6,427.09

Total Due and Payable This Invoice \$10,658.09

PS PUT

O.K. TO PAY *James Amund* ROBERT COLE
 ACCOUNT TO CHARGE #00623

W 7/18/90

TRC
Environmental
Consultants, Inc.

800 Connecticut Boulevard
East Hartford, CT 06108
Tel. (203) 289-8631

PLEASE REMIT TO:
P.O. Box D-3432
Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 17, 1990
Invoice No. 1276
Project No. 7773

Attn: Jim White

For: Phase II Environmental Assessment - Palatine, Illinois
Public Storage Project No. 00621

Professional Services for the Period May 1 through July 13, 1990
100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Senior Project Manager	6	\$104.00	\$ 624.00
Staff Scientist	44.5	\$ 52.00	\$ 2,314.00
Staff Scientist, Overtime	4	\$ 68.00	\$ 270.40
Technical Specialist	4	\$ 42.00	\$ 168.00
Total Labor			\$ 3,376.40

Reimbursables

Drilling and Testing	\$ 2,966.98
Laboratory Analyses	\$ 1,424.85
Travel and Subsistence	\$ 782.72
Shipping and Mailing	\$ 17.83
Telephone	\$ 44.49
Computer Time	\$ 40.74
Expendables	\$ 111.16

Total Reimbursables \$ 5,388.77

Total Due and Payable This Invoice \$ 8,765.17

ASPTL

O.K. TO PAY *Office* *Manelli* ROBERT COLE

ACCOUNT TO CHARGE #00621

W 7/18/90

TRC
Environmental
Consultants, Inc.

800 Connecticut Boulevard
East Hartford, CT 06108
Tel. (203) 289-8631

PLEASE REMIT TO:
P.O. Box D-3432
Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 11, 1990
Invoice No. 1263
Project No. 7657

Attn: Jim White

For: Phase II Environmental Assessment - Burlingame, CA
Public Storage Project No. 00610

Professional Services for the Period Ending June 30, 1990 - 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122	\$ 122.00
Sr. Project Manager	1	\$104	\$ 104.00
Scientist	13	\$ 52	\$ 676.00
Technical Specialist	4	\$ 42	\$ 168.00
Total Labor			\$1,070.00

Reimbursables

Outside Services	\$2,379.38
Travel and Subsistence	\$ 139.99
Shipping and Mailing	\$ 53.00
Telephone	\$ 12.78
Expendables	\$ 245.82
Computer Usage	\$ 56.14

Total Reimbursables \$2,887.11

Total Due and Payable This Invoice \$3,957.11

PSPUT
00610
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WJ
7/13/90

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Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 11, 1990
Invoice No. 1265
Project No. 7778

Attn: Jim White

For: Phase II Environmental Assessment - Downey, CA
Public Storage Project No. 00603

Professional Services for the Period Ending June 30, 1990-100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122	\$ 122.00
Senior Project Manager	7	\$104	\$ 728.00
Technical Specialist	21.5	\$ 42	\$ 903.00
	Total Labor		\$1,753.00
<u>Reimbursables</u>			
Computer Usage			\$ 33.74
	Total Due and Payable This Invoice		\$1,786.74

PSPT
#00603
TO PAY *Janie Mandle*
ACCOUNT TO CHARGE _____
ROBERT COLE

JW
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Consultants, Inc.

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Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 11, 1990
Invoice No. 1268
Project No. 7779

Attn: Jim White

For: Phase II Environmental Assessment - Smyrna, GA
Public Storage Project No. 00602

Professional Services for the Period Ending June 30, 1990-100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	0.5	\$122	\$ 61.00
Senior Project Manager	13	\$104	\$1,352.00
Technical Specialist	37	\$ 42	\$1,554.00
	Total Labor		\$2,967.00

Reimbursables

Outside Services	\$1,564.58
Shipping and Mailing	\$ 30.00
Telephone	\$ 29.50
Computer Usage	\$ 57.85

Total Reimbursables \$1,681.93

Total Due and Payable This Invoice \$4,648.93

PSPUL
02682
TO PAY *Jim White*
ROBERT COLE
ACCOUNT TO CHARGE _____

JW
7/13/90

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Public Storage, Inc.
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 Glendale, CA 91201-5050

July 11, 1990
 Invoice No. 1270
 Project No. 7781

Attn: Jim White

For: Phase II Environmental Assessment - Decatur, GA
 Public Storage Project No. 00601

Professional Services for the Period Ending June 30, 1990 - 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	0.5	\$122	\$ 61.00
Senior Project Manager	12	\$104	\$ 1,248.00
Scientist	0.5	\$ 52	\$ 26.00
Technical Specialist	67	\$ 42	\$ 2,814.00
Total Labor			\$ 4,149.00

Reimbursables

Outside Services	\$ 5,491.25
Travel and Subsistence	\$ 1,192.42
Shipping and Mailing	\$ 20.58
Telephone	\$ 61.29
Expendables	\$ 99.64
Equipment Rental	\$ 235.00
Computer Usage	\$ 101.43

Total Reimbursables \$ 7,201.61

Total Due and Payable This Invoice \$11,350.61

PSPT
#00601
 TO PAY *Chris Mandle*
 ACCOUNT TO CHARGE _____
 ROBERT COLE

JW 7/13/90

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INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 11, 1990
Invoice No. 1271
Project No. 7782

Attn: Jim White

For: Phase II Environmental Assessment - LaPuente, CA
Public Storage Project No. 00615

Professional Services for the Period Ending June 30, 1990 - 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122	\$ 122.00
Senior Project Manager	8	\$104	\$ 832.00
Technical Specialist	10.5	\$ 42	\$ 441.00
Total Labor			\$ 1,395.00

Reimbursables

Telephone	\$ 12.59
Expendables	\$ 182.73
Computer Usage	\$ 35.80

Total Reimbursables \$ 231.12

Total Due and Payable This Invoice \$ 1,626.12

PSPVJ
#00615
OK TO PAY *Janis Mancilli*
ROBERT COLE
ACCOUNT TO CHARGE _____

vw
7/13/90

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Consultants, Inc.**800 Connecticut Boulevard
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Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050July 11, 1990
Invoice No. 1272
Project No. 7783

Attn: Jim White

For: Phase II Environmental Assessment - Southgate, CA
Public Storage Project No. 00613

Professional Services for the Period Ending June 30, 1990 - 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1.5	\$122.00	\$ 183.00
Senior Project Manager	9	\$104.00	\$ 936.00
Project Scientist	28	\$ 66.00	\$ 1,848.00
Project Scientist (O.T.)	4	\$ 85.80	\$ 343.20
Scientist	8	\$ 52.00	\$ 416.00
Technical Specialist	16	\$ 42.00	\$ 672.00
Technical Specialist (O.T.)	1	\$ 54.60	\$ 54.60
Total Labor			\$ 4,542.80

Reimbursables

Outside Services	\$ 1,766.40
Travel and Subsistence	\$ 22.72
Shipping and Mailing	\$ 17.83
Telephone	\$ 22.14
Equipment Rental	\$ 580.00
Company Vehicle Usage	\$ 111.05
Project Supplies	\$ 45.00
Copier	\$ 17.70
Computer Usage	\$ 41.51

Total Reimbursables \$ 2,624.35**Total Due and Payable This Invoice \$ 7,077.15**

PSPOT
00613
O.K. TO PAY *Chris Murrell*
ACCOUNT TO CHARGE _____ ROBERT COLE

W.
7/13/90

Public Storage, Inc.
 1015 Grandview Avenue
 Glendale, CA 91201-5050

July 11, 1990
 Invoice No. 1273
 Project No. 7804

Attn: Jim White

For: Phase II Environmental Assessment - Pinole, CA
 Public Storage Project No. 00612

Professional Services for the Period Ending June 30, 1990 - 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122.00	\$ 122.00
Senior Project Manager	1	\$104.00	\$ 104.00
Scientist	7	\$ 52.00	\$ 364.00
Technical Specialist	5	\$ 42.00	\$ 210.00
Total Labor			\$ 800.00

Reimbursables

Outside Services	\$ 2,888.79
Travel and Subsistence	\$ 135.80
Telephone	\$ 18.12
Expendables	\$ 211.33
Computer Usage	\$ 17.48

Total Reimbursables \$ 3,271.52

Total Due and Payable This Invoice \$ 4,071.52

PS PUT
#00612
Jamie Marshall
 O.K. TO ROBERT COLE
 ACCOUNT TO CHARGE

vw
7/13/90

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Environmental
Consultants, Inc.

800 Connecticut Boulevard
East Hartford, CT 06108
Tel. (203) 289-8631

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Boston, MA 02241-3432

INVOICE

Public Storage, Inc.
1015 Grandview Avenue
Glendale, CA 91201-5050

July 11, 1990
Invoice No. 1274
Project No. 7805

Attn: Jim White

For: Phase II Environmental Assessment - Vallejo, CA
Public Storage Project No. 00604

Professional Services for the Period Ending June 30, 1990 - 100% Complete

<u>Professional Personnel</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Consultant	1	\$122.00	\$ 122.00
Senior Project Manager	1	\$104.00	\$ 104.00
Scientist	11	\$ 52.00	\$ 572.00
Total Labor			\$ 798.00

Reimbursables

Outside Services	\$ 2,878.60
Travel and Subsistence	\$ 153.95
Telephone	\$ 32.37
Expendables	\$ 51.73
Shipping and Mailing	\$ 27.83

Total Reimbursables \$ 3,144.48

Total Due and Payable This Invoice \$ 3,942.48

PS P-VI
00604
O.K. TO PAY Robert Cole ROBERT COLE
ACCOUNT TO CHARGE _____

vw
7/13/90

SOIL INVESTIGATION
on
MINI WAREHOUSE STORAGE DEVELOPMENT
Capitol Expressway near Snell Avenue
San Jose, California
for
PUBLIC STORAGE INCORPORATED

By
TERRASEARCH, INC.
Project No. 4767-E
December 1980

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SOIL INVESTIGATION

Purpose and Scope

The purpose of the investigation for the proposed development located in the city of San Jose, California, was to determine the surface and subsurface soil conditions at the site; and, based on the results of the investigation, establish criteria for the grading of the site, the design of foundations for the proposed structures, and the construction of other related facilities on the property. Our investigation included the following:

1. A field investigation consisting of a site reconnaissance by the Soil Engineer and the drilling and sampling of the subsurface soils.
2. Laboratory testing.
3. Engineering analysis of the data obtained and formulation of conclusions and recommendations pertaining to development of the site.
4. Preparation of this written report.

Proposed Development

It is our understanding that the proposed development will consist mainly of concrete type, light industrial storage structures constructed at or near existing elevations. Parking adjacent to the buildings is also anticipated. Should other types of construction be anticipated the recommendations of this report should be re-evaluated after the plans for the development have been completed.

Site Location and Description

The site is located on the north side of Capitol Expressway near its intersection with Snell Avenue in the city of San Jose, California. The site is bounded by a mini warehouse development on the northeast, undeveloped land on the southwest, Capitol Expressway on the southeast, and a mobile home park on the northeast.

The irregularly shaped site is essentially flat, and covered with sparse grasses throughout. The top 8-inches of surface soil is soft and dry, minor surface debris was noted throughout the property.

The site location and descriptions referred to herein are based on a site reconnaissance by the Soil Engineer and on a site and storage unit plan, prepared by Creegan & D'Angelo, dated 10/23/80 at a scale of 1"=30'.

Subsurface Soil Conditions

In general, the soils encountered at the site are uniform throughout the depth explored. Moderately expansive silty clay was encountered to a depth of about 4 feet below existing ground surface. Underlying the upper stratum, medium dense clayey silt to silty sand was encountered extending to a depth of about 20 feet. Stiff silty clay was encountered below 20 feet and extended to the full depth penetrated of 40 feet.

No groundwater was encountered at the time of drilling. A more detailed description of the soil stratification encountered is shown on the "Logs of Test Borings," Figures 2 through 6, in Appendix A.

Liquefaction Potential Evaluation

Liquefaction occurs primarily in relatively loose, saturated, cohesionless soils. Under earthquake stresses, these soils become "quick," lose their strength and become incapable of supporting the weight of the overlying soils or structures.

The data used for evaluating liquefaction potential of the subsurface soils consisted of: the penetration resistance, the relative density of the materials, and the groundwater level.

Due to the absence of groundwater, and in view of the soil characteristics and the data obtained, it is our opinion that liquefaction of the near surface soils is considered to be low.

DISCUSSIONS, CONCLUSIONS AND RECOMMENDATIONS

General

1. The site is suitable for the proposed development provided the recommendations presented in this report are incorporated into the project plans and specifications.
2. All grading and foundation plans for the development should be reviewed by the Soil Engineer prior to contract bidding so that plans are reconciled with soil conditions, and sufficient time is allowed for suitable mitigative measures to be incorporated into the final grading specifications.
3. TERRASEARCH, INC., should be notified at least two working days prior to site clearing or grading operations on the property. This will give the Soil Engineer time to discuss the problems that may be encountered in the field and coordinate the work with the Grading Contractor.
4. Field observation and testing during the grading operations must be provided by representatives of TERRASEARCH, INC., to enable them to form an opinion regarding the adequacy of the site preparation, the acceptability of fill materials and the extent to which the earthwork construction and the degree of compaction comply with the specifications.

Grading

5. Prior to performing any grading, the surface of the site should be stripped to remove all existing vegetation, debris, and/or other deleterious materials. It is estimated that stripping depths of 2 to 4 inches may be necessary, however, the actual depth of stripping should be determined in the field by the Soil Engineer. Stripped material from the site may not be used as engineered fill but may be stockpiled and used later for landscaping purposes. Any existing undesirable items which do not meet the requirements of engineered fill encountered during the grading operations should be excavated and removed from the site. Any resulting excavations should be properly back-filled with engineered fill.

6. Following site stripping and clearing operations, the top 8-inches of exposed native ground should be scarified, moisture conditioned slightly above optimum and compacted to a minimum degree of compaction of 90% as determined by ASTM D1557-70 Laboratory Test Procedure. After recompacting the native ground soils, the site may be brought to the desired finished grades by placing engineered fill in lifts of about 8-inches in uncompacted thickness and compacted to the relative compaction requirements in accordance with the aforementioned test procedure. All soils encountered during our investigation except those within the top few inches of organically contaminated material would be suitable for use as engineered fill.

7. Should select import material be used to establish the proper grading for the proposed development, the import material should be approved by the Soil Engineer before it is brought to the site and should meet the following requirements:

- a. Have an R-Value of not less than 25;
- b. Have a Plasticity Index not higher than 12;
- c. Not more than 15% passing the No. 200 sieve;
- d. No rocks larger than 4 inches in maximum size.

Import material meeting the requirements stated above should be compacted to the same relative compaction recommended previously for the engineered fill. All engineered fill should be placed in lifts not exceeding 8-inches in uncompacted thickness.

8. The grading requirements presented herein are an integral part of the grading specifications presented in Appendix C of this report and should be considered as such.

Foundations

9. It is recommended that the proposed storage structures be supported on exterior continuous and/or isolated interior spread footings.

Depth of Foundation Trenches	18 inches (Note 1)
Allowable Bearing Capacity	2,200 p.s.f.
Allowable Passive Resistance	250 p.s.f. (Note 2)

Note 1: Depth of foundation trenches is below lowest adjacent pad grade.

Note 2: Use entire depth if pavement abuts foundations, otherwise, neglect the top 8-inches.

The allowable bearing capacities given herein are for dead plus live load and may be increased by one-third to include the short-term seismic and wind effects. Structural reinforcement will be predicated on the structural loads, however, no less than two No. 4 bars, one near the top and one near the bottom, should be placed in the exterior continuous type footings.

10. Should any cracks develop in the foundation trenches before the concrete is poured, the trenches should be soaked until all cracks are effectively sealed. The Soil Engineer should verify this condition in the field and give his approval before the concrete is poured.

Slab-on-Grade Construction

11. Where slab-on-grade are to be constructed, the following recommendations are made:

- a. All areas to receive slabs should be soaked to saturation prior to placing of concrete. This work should be done under the observation of the Soil Engineer.

- b. A minimum of four inches of free-draining gravel or clean crushed rock material should be placed between the subsoil and the slab. See the "Guide Specifications For Rock Under Floor Slabs," in Appendix C.
- c. Where floor coverings are anticipated, measures should be provided to prevent moisture condensation caused by temperature differentials from harming floor coverings. One way to protect floor covering is to place a waterproof membrane between the granular layer and the floor slab. In addition, one-inch of wetted sand should be placed over the membrane to minimize puncture of the membrane and to facilitate curing of the concrete. The sand and the membrane are to be placed over a four-inch layer of gravel or clean crushed rock recommended above.
- d. All slabs should be reinforced with a minimum of wire mesh; however, due to the difficulty of proper placement of wire mesh within the center of the slab, the equivalent bar reinforcing is preferable.
- e. Slabs at door openings should be constructed with a curl or thickened edge extending a minimum of 8-inches into native ground or compacted fill.
- f. Slabs should be provided with tool joints to control expansion.
- g. Exterior slabs should be structurally independent of the foundations.

Pavement Areas

12. Preparation of Subgrade: The upper 6-inches of exposed subgrade soil in the areas to receive pavement shall be scari-fied, moisture conditioned as necessary, and compacted to a minimum relative compaction of 95%, in accordance with the grading recommendations specified in this report. All aggregate base material should also be compacted to a minimum relative compaction of 95%. The construction of the pavement in the parking and traffic areas should conform to the requirements set forth by the latest Standard Specifications of the Department of Transportation of the State of California and/or any other local jurisdictional requirements.

13. Pavement Sections: No specific tests were performed to determine the pavement section in the traffic areas. However, based on our experience with the on-site fill material, a tentative pavement section of 2.5 inches of asphaltic concrete on 8 inches of aggregate base material may be utilized. When the subgrade is established or when a grading plan is prepared, an accurate pavement section should be designed at that time.

General Construction Requirements

14. All final grades should be provided with a positive gradient away from all buildings in order to provide rapid removal of the surface water runoff away from all foundations to an adequate discharge point. No ponding of water should be allowed on the pad or adjacent to the foundations.

15. Continuous roof gutters are recommended. Downspouts from the gutters should be provided with adequate pipe conduits to carry storm water away from the structures and graded areas, and thus reduce the possibility of soil saturation adjacent to the foundations and engineered fills.

16. Flower beds or planters should be avoided adjacent to the building foundations. Should such planters be constructed, an effective water-tight barrier should be provided at the base of the planter to prevent water from affecting the foundation.

17. Trenching for utility services may be easily excavated with normal trenching equipment. All safety requirements should be complied with.

18. Utility trenches extending under the building areas should be backfilled with native on-site soils. The backfill should be compacted to the same relative compaction as the adjacent engineered fill.

19. Utility trenches extending under all traffic areas should be backfilled and compacted to the requirements set forth by the latest Standard Specifications of the Department of Transportation of the State of California and/or any other local requirements.

LIMITATIONS AND UNIFORMITY OF CONDITIONS

1. It should be noted, that it is the responsibility of the owner or his representative to notify TERRASEARCH, INC., in writing, a minimum of 48 hours before any stripping, grading or foundation excavations can commence at the site.
2. The recommendations of this report are based upon the assumption that the soil conditions do not deviate from those disclosed in the borings and from a reconnaissance of the site. Should any variations or undesirable conditions be encountered during the development of the site, TERRASEARCH, INC., will provide supplemental recommendations as dictated by the field conditions.
3. This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information and recommendations contained herein are brought to the attention of the Architect and Engineer for the project and incorporated into the plans, and that the necessary steps are taken to see that the Contractor and Subcontractors carry out such recommendations in the field.

APPENDIX A

Field Investigation

Site Plan

Logs of Test Borings



FIELD INVESTIGATION

The field investigation was conducted on 5 October 1973 and 25 November 1980, and included a visual inspection of the site and the drilling of five exploratory borings at the approximate locations shown on Figure 1, "Site Plan."

The borings were drilled to depths of 15 to 40 feet below the existing ground surface. The drilling was done with a truck-mounted rig using power-driven, 6-inch diameter continuous flight augers. Visual classifications were made from the auger cuttings and the samples in the field.

As the drilling proceeded, undisturbed core samples were obtained by means of a 2-1/2 inch O.D. split-tube sampler. The samplers were driven into the soil by a 140-pound hammer having a free fall of 30 inches. When the samplers were being driven, the number of blows required to penetrate the last 12 inches into the soil was recorded and is shown on the "Logs of Test Borings." The samples were sealed and returned to our laboratory for testing. Classifications made in the field were verified in the laboratory after further examination and testing.



LOGGED BY DEJ DATE DRILLED 5 Oct. 1973 BORING DIAMETER 6" BORING NO. 1

Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft.-lbs.	Qu - t. s. f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
1			Upper 12" dry, loose.						
2	1-1		Brown silty CLAY, damp, very stiff	CL	28		116	13	
3									
4	1-2		Brown clayey SILT, moist, medium dense	ML	30		113	16	
5			Less clay; trace of fine sand.						
6									
7									
8									
9			Some fine sand in thin layers.						
10									
11									
12									
13									
14									
15			Boring terminated at 15 feet. No water encountered.						

TERRA SEARCH INC.

FIGURE NO. 2 - Log of Test Boring

LOGGED BY DEJ DATE DRILLED 5 Oct. 1973 BORING DIAMETER 6" BORING NO. 2

Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft-lbs.	Qu - t. s. f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
1			Upper 12 inches dry, loose.						
2	2-1		Dark brown silty CLAY, moist, very stiff	CL	29		115	13	expansion test 1.0 ksf load Initial w = 13.3% Final w = 18.2% Swell = 0.6%
3									
4	2-2		Brown clayey SILT, damp, dense Moist, medium dense.	ML	31		114	16	
5									
6									
7			Brown silty SAND, moist, medium dense.	SM (SP)					
8									
9									
10									
11									
12									
13			Brown clayey SILT, moist, medium dense.	ML					
14									
15			Boring terminated at 15 feet. No water encountered.						

TERRA SEARCH INC.











FIGURE NO. 3 - Log of Test Boring

LOGGED BY DEJ DATE DRILLED 5 Oct. 1973 BORING DIAMETER 6" BORING NO. 3

Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft.-lbs.	Qu - t. s. f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
1			Upper 12 inches dry, loose.						
2	3-1		Dark brown silty CLAY, damp very stiff to hard	CL	37				
3									
4	3-2		Brown clayey SILT, damp, medium dense	ML	25				
5									
6	3-3		Moist, medium dense.		19				
7									
8			Brown very fine sandy SILT, moist medium dense.	SM					
9									
10									
11									
12									
13									
14			Brown clayey SILT, very moist, medium dense.	ML					
15									
			Boring terminated at 15 feet. No water encountered.						




TERRA SEARCH INC.

FIGURE NO. 4 - Log of Test Boring

LOGGED BY		IK		DATE DRILLED		11/25/80		BORING DIAMETER		6"		BORING NO.		4	
Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft-lbs.	Qu - t. s. f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS						
2	4-1		Dark brown Silty CLAY, moist, very stiff	CL	25		111	19	LL=35 PI=15						
4			Light brown Silty CLAY w/some Sand, very moist, very stiff	CL	19		105	21	Qu=2800 psf						
6	4-2		Light brown Silty CLAY w/some Sand, very moist, very stiff	CL	19		105	21	Qu=2800 psf						
8			Sand content increases w/depth												
10	4-3		Tannish brown Sandy SILT, moist, medium dense	SM	30		97	20							
12															
14	4-4		Light brown Silty CLAY w/fine Sand, moist, stiff	CL											
16															
18	4-5														
20															
22	4-5														
24															
26	4-5														
28															
30	4-5														
32															
34	4-5														
36															
38	4-5		Greenish brown Silty CLAY, moist, stiff	CL	18		99	25							
40															
			Bottom of boring @ 40.0 feet.												

TERRA SEARCH INC.

FIGURE NO. 5 - Log of Test Boring

LOGGED BY <u>IK</u>		DATE DRILLED <u>11/25/80</u>		BORING DIAMETER <u>6"</u>		BORING NO. <u>5</u>			
Depth, ft.	Sample No. and type	Symbol	SOIL DESCRIPTION	Unified Soil Classification	Blows/foot 350 ft-lbs.	Qu - t. s. f. Penetrometer	Dry Density p.c.f.	Moisture % dry wt.	MISC. LAB RESULTS
1									
2									
3									
4									
5	5-1		Light brown Silty CLAY w/some Sand, very moist, stiff	CL	17		106	21	
6									
7									
8									
9									
10									
11									
12	5-2		Brown Clayey SILT, moist, medium dense	ML	18		98	19	
13									
14			Tannish brown Sandy SILT, moist, medium dense	SM					
15			Bottom of boring @ 15.0 feet.						

TERRA SEARCH INC.

FIGURE NO. 6 - Log Of Test Boring

APPENDIX B

Laboratory Investigation

Summary of Laboratory Test Results

LABORATORY INVESTIGATION

The laboratory testing program was directed towards providing sufficient information for the determination of the engineering characteristics of the site soils so that the recommendations outlined in this report could be formulated.

Moisture content and dry unit weight tests were performed on all undisturbed soil samples in order to determine the consistency of the soil and moisture variation throughout the explored soil profile and estimate the compressibility of the underlying soils.

The strength parameters of the foundation soils were determined from unconfined compression tests performed on selected undisturbed soil samples.

Field penetration resistance (N) assisted in the determination of the strength parameters of the soils. The standard penetration resistance are recorded on the respective "Logs of Test Borings."

The expansion characteristics of the near-surface soils were evaluated by means of Atterberg Limit and Expansion Index Tests in accordance with ASTM D-423 and D-424 and UBC 29-2, respectively.

A summary of all laboratory test results is presented on TABLE I of this appendix and on the respective "Logs of Test Borings," Appendix A.

TABLE I

Summary of Laboratory Test Results

Hole No.	Depth (ft.)	Dry Density (p.c.f.)	Moisture Content (% Dry wt.)	<u>Atterberg Limits</u>		Unconfined Compressive Strength (p.s.f.)	<u>Direct Shear</u>	
				Liquid Limit (%)	Plasticity Index		Cohesion (p.s.f.)	Angle of Internal Friction (degree)
1-1	1.5	116	13					
1-2	3.5	113	16					
2-1	1.5	115	13					
2-2	3.5	114	16					
4-1	2.0	111	19	35	15			
4-2	5.0	105	21			2,800		
4-3	15.0	97	20					
4-4		99	25					
5-1	5.0	106	21					
5-2	12.0	98	19					

BAG A 0.5 to 1.0', Expansion Index, U.B.C. 29-2 = 64

APPENDIX C

Recommended Grading Specifications

Guide Specifications For Rock Under Floor Slabs

RECOMMENDED GRADING SPECIFICATIONS
for
MINI WAREHOUSE STORAGE DEVELOPMENT
Capitol Expressway near Snell Avenue
San Jose, California

1.1 General Description

1.11 These specifications have been prepared for the grading and site development of the proposed storage development located on Capitol Expressway near Snell Avenue in San Jose, California. TERRASEARCH, INC., hereinafter described as the Soil Engineer, should be consulted prior to any site work connected with site development.

1.12 The Soil Engineer should be notified at least two working days prior to any site clearing or grading operations on the property in order to observe the stripping of surface contaminated material and to coordinate the work with the Grading Contractor in the field.

1.13 This item shall consist of all clearing and grubbing, preparation of land to be filled, filling of the land, spreading, compaction and control of the filled areas to conform with the lines, grades and slopes as shown on the accepted plans. The Soil Engineer is not responsible for determining lines, grades, elevations or slope gradients. The property owner, or his representative, shall designate the person or organizations that will be responsible for these items of work.

1.14 The contents of these specifications shall be integrated with the soil report of which they are a part and shall not be used as a self-contained document.

2.1 Tests

2.11 The standard test used to define maximum densities of all compaction work shall be the ASTM Test Procedure D1557-70. All densities shall be expressed as a relative compaction in terms of the maximum dry density obtained in the laboratory by the foregoing standard procedure.

3.1 Preparing Areas to be Filled

3.11 Any existing undesirable items and all soil deemed soft, loose or otherwise unsuitable by the Soil Engineer shall be removed from the site.

3.12 After the areas to receive fill have been cleared, stripped and scarified, they shall be disked or bladed until they are uniform and free from large clods. Subgrade soils to receive fill shall be compacted to a minimum degree of compaction of 90% at a moisture content slightly above optimum as determined in the laboratory. Fill can then be placed to provide the desired finished grades. The Contractor shall obtain the Soil Engineer's approval of subgrade compaction before any fill is placed.

4.1 Materials Used For Fill

4.11 All fill material shall be approved by the Soil Engineer. The material shall be a soil or soil-rock mixture which is free from organic matter or other deleterious substances. The fill

material shall not contain rocks or lumps over four inches in greatest dimension, and not more than 15% larger than 2-1/2 inches. Materials from the site are suitable for use in fills. The Soil Engineer shall determine the suitability of materials for use as engineered fill.

4.12 If import material is required, it must be approved by the Soil Engineer prior to transporting it to the project and must meet the requirements of Section 4.11. In addition, import material shall have a Plastic Index not greater than 12.

5.1 Placing, Spreading and Compacting Fill Material

5.11 The fill materials shall be placed in uniform lifts of not more than 8 inches in uncompacted thickness. Each layer shall be spread evenly and shall be thoroughly blade-mixed during the spreading to obtain uniformity of material in each layer. Before compaction begins, the fill shall be brought to a water content that will permit proper compaction by either (1) aerating the material if it is too wet; or (2) spraying the material with water if it is too dry.

5.12 After each layer has been placed, mixed and spread evenly, the expansive type soils shall be compacted to a relative compaction of not less than 90%, at a moisture content slightly above optimum, as determined in the laboratory.

5.13 Compaction shall be by sheepsfoot rollers or other types of acceptable compacting rollers. Rollers shall be of such design that they will be able to compact the fill to the specified density. Rolling shall be accomplished while the fill material is within the specified moisture content range. Rolling of each layer shall be continuous over its entire area and the roller shall make sufficient trips to ensure that the required compaction has been obtained. No ponding or jetting shall be permitted.

5.14 Field density tests shall be made in each compacted layer by the Soil Engineer in accordance with ASTM Test Procedure D1556-64 or D2922-71. When sheepsfoot rollers are used for compaction, the density tests shall be taken in the material below the surface disturbed by the roller. When these tests indicate that the density of any layer of fill, or portion thereof, is below the required compaction, the particular layer, or portion thereof, shall be reworked until the required compaction has been obtained.

5.15 No soil shall be placed or compacted during periods of rain nor on ground which is not drained of all free water. Soil which has been soaked or wetted by rain or any other cause shall not be compacted until completely drained and until the moisture content is within the limits hereinbefore described or approved by the Soil Engineer. Prior approval by the Soil Engineer shall be obtained before continuing the grading operations.

6.1 Subsurface Line Removal (if encountered in the field)

6.11 The methods of removal will be designated by the Soil Engineer in the field depending upon the depth and location of the lines. One of the following methods will be used.

6.12 Remove the pipe and fill and compact the soil in the trench according to the applicable portions of Section 5.1.

6.13 The pipe shall be crushed in the trench. The trench shall then be filled and compacted according to Section 5.1.

6.14 Cap the ends of the line with concrete to prevent entrance of water. The length of cap shall not be less than 5 feet. The concrete mix shall have a minimum shrinkage.

7.1 Unusual Conditions

7.11 In the event that any unusual conditions, not covered by the special provisions, are encountered during the grading operations, the Soil Engineer shall be immediately notified for directions.

GUIDE SPECIFICATIONS FOR ROCK UNDER FLOOR SLABS

Definition

Graded gravel or crushed rock for use under slabs-on-grade shall consist of a minimum thickness of mineral aggregate placed in accordance with these specifications and in conformity with the dimensions shown on the plans. The minimum thickness is specified in the accompanying report.

Material

The mineral aggregate shall consist of broken stone, crushed, or uncrushed gravel, quarry waste or a combination thereof. The aggregate shall be free from adobe, vegetable matter, loam, volcanic tuff, and other deleterious substances. It shall be of such quality that the absorption of water in a saturated dry condition does not exceed 3% of the oven dry weight of the sample.

Grading

The mineral aggregate shall be of such size that the percentage composition by dry weight, as determined by laboratory sieves (U.S. Sieves), will conform to the following grading:

<u>Sieve Size</u>	<u>Percentage Passing</u>
3/4"	100
No. 4	10-35
No. 8	2-4
No. 200	0-2

Placing

Subgrade, upon which gravel or crushed rock is to be placed, shall be prepared as outlined in the accompanying soil report.



ENSR Consulting
and Engineering

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(805) 388-3775
FAX (805) 388-3577

September 26, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 N. Brand Blvd., Suite 300
Glendale, California 91203-5050

Re: 5555-185-616

Subject: Letter Report for the Soil Sampling Conducted at the Public Storage Facility, No. 00616, Located at 231 West Capitol Expressway, San Jose, California.

Dear Mr. Horne:

ENSR Consulting and Engineering is pleased to present this letter report documenting the results of the soil sampling conducted at the Public Storage facility located at 231 West Capitol Expressway, San Jose, California on September 9, 1994. The soil sampling was performed based on the recommendations presented in ENSR's Phase I Due Diligence Assessment (ENSR Document No. 5555-180-616). This letter report includes discussions of the field procedure used to complete the scope of work, results of the soil sampling, and conclusions and recommendations based on those results.

The Phase I investigation revealed that a hose from an adjoining trailer park was discharging unknown liquid onto the northern property boundary. According to the property manager of this facility, the soil was sampled several years ago, however the results of the analysis of that sampling event were not available. The discharge of the unknown liquid to the Public Storage property has since ceased.

Field Procedures

The location of the discharge of the unknown liquid was identified by the property manager. The area of soil to be sampled displayed a white stain of approximately one square foot. Using a precleaned hand auger, a hole was bored to approximately one foot below ground surface. A soil sample was collected by using a hand driven soil sampler containing one precleaned brass sleeve insert. The soil sample was covered with teflon sheets, capped with polyethylene end caps, labeled, logged on a chain of custody form, and stored in an



September 26, 1994
Mr. H. Horne
Page 2

Ice chest maintained at approximately 4°C pending delivery to a state certified hazardous waste testing laboratory.

Analytical Results

The soil sample was delivered to National Environmental Testing, Inc (NET), a state certified hazardous waste testing laboratory, to be analyzed for total recoverable petroleum hydrocarbons (TRPH) using EPA Method 418.1 and volatile organic compounds (VOC) using EPA Method 8240. Analytical results indicate VOCs were not detected at or above the method detection limit. Analytical results indicate 18 mg/Kg TRPH was detected in the soil.

A copy of the laboratory analytical results are attached to this letter report.

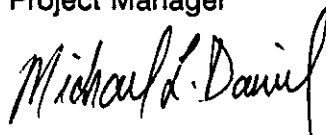
Conclusions and Recommendations

TRPH concentrations in the soil are extremely low and most likely represent background concentrations for TRPH in the soil for this area. The most likely source of the fluids was the discharge of waste water from a washing machine. The white staining is most likely the result of detergent discharged with the waste water. ENSR recommends no further investigation is required for this area of the facility at this time.

ENSR appreciates the opportunity to be of service to your company. If you have any questions regarding this report, please call me or Mike Daniel at (805) 388-3775.

Sincerely,


Diane Henry
Project Manager


Michael L. Daniel
Project Geologist

Attachments



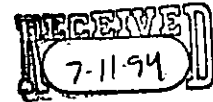
ENSR Consulting
and Engineering

1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577

cc: Environ. Files

July 7, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 N. Brand Boulevard, Suite 300
Glendale, CA 91203-5050



RE: 5555-180-810
Subject: Phase II Recommendations and Cost Estimates

Dear Mr. Horne:

The attached table summarizes the recommendations of ENSR's Phase I Environmental Assessments of the 63 Public Storage properties nationwide. We hope that this table will assist you in planning future activities.

The range of costs and the time to complete the tasks described on the table are estimates for planning and budgeting purposes and based on ENSR's past experience with similar projects. Where agency file reviews are required, we have attempted to anticipate the timing requirements if the applicable agencies. Where subsurface investigations or soil sampling activities are recommended, the costs and timing are based on normal laboratory turnaround time of two weeks. It should also be noted that actual schedules will be dependent upon available resources. Where tasks can be grouped and completed at the same time, it is expected that the costs to complete those tasks would be reduced. Upon your request, ENSR can prepare a detailed cost estimate and schedule for any and all tasks.

As you have noticed, sampling of suspect asbestos-containing materials (ACM) was recommended. This recommendation is provided for properties in which damaged, friable potential ACM was observed by assessors. Where materials were observed to be in good condition, no sampling was recommended.

It is important to note that Phase II work activities may warrant additional investigations in order to characterize the condition of the sites.



July 7, 1994
Mr. Hugh Horne
Page 2

ENSR appreciates the opportunity to serve Public Storage. Please feel free to call either of the undersigned if you have any questions or need further information.

Sincerely,

A handwritten signature in cursive script that reads "Diane Henry".

Diane Henry
Environmental Analyst

A handwritten signature in cursive script that reads "Richard A. Simon".

Richard A. Simon
Regional Program Manager

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00610	1761 Adrian Road Burlingame, CA	5555-180-610	NFA	--	--
00727	17316-17326 Edwards Road Cerritos, CA	5555-180-727	Review agency file for LUST site	500-1,000	4 weeks
00603	12302 Bellflower Boulevard Downey, CA	5555-180-603	NFA	--	--
00615	13822 E. Valley Boulevard La Puente, CA	5555-180-615	Monitor NPL activities Additional historical research	500-1,000	--
00733	3636 Beverly Boulevard Los Angeles, CA	5555-180-733	Survey and sample potential ACM Review agency files for LUST sites	3,000-7,500	--
00612	640 San Pablo Ave. Pinole, CA	5555-180-612	NFA	--	--
00736	398 Carlson Boulevard Richmond, CA	5555-180-736	Further historical research	500-1,000	1 week
00614	1395 Mabury Road San Jose, CA	5555-180-614	Investigate former onsite UST	1,000-7,500	3 weeks
00616	231 Capitol Expressway San Jose, CA	5555-180-616	Additional research and/or one soil sample	500-1,500	3 weeks
00613	5005 Firestone Place South Gate, CA	5555-180-616	Further historical research	500-1,000	1 week
00604	107 Lincoln Road West Vallejo, CA	5555-180-604	Obtain monitoring well data and/or sample monitoring well	500-1,000	3 weeks
00729	1080 E. Altamonte Springs Drive Altamonte Springs, FL	5555-180-729	Review agency file for LUST site Sample potential ACM	800-1,500	2 weeks

00616

Phase II Recommendations and Cost Estimates (Page 2)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00712	1500 North State Road 7 Lauderhill, FL	5555-180-712	Review agency file for adjacent LUST site Sample potential ACM	800-1,500	2 weeks
00611	16970 NW 4th Ave. Miami, FL	5555-180-611	Sample potential ACM	300-500	2 weeks
00619	21288 Biscayne Boulevard Miami, FL	5555-180-619	Sample potential ACM	300-500	2 weeks
00704	18450 NE 5th Ave. Miami, FL	5555-180-704	Review agency files for LUST sites Sample potential ACM	800-1,500	2 weeks
00713	271 Blanding Boulevard Orange Park, FL	5555-180-713	Review agency files and/or contact responsible party for LUST site Sample potential ACM	800-1,500	2 weeks
00711	1801 W. Oak Ridge Road Orlando, FL	5555-180-711	Sample potential ACM	300-500	2 weeks
00702	1400 34th St. South, St. Petersburg, FL	5555-180-702	Cease onsite auto repair activities Sample potential ACM	300-500	2 weeks
00714	4500 34th St. North, St. Petersburg, FL	5555-180-714	Monitor adjacent site activities Sample potential ACM	300-500	2 weeks
00609	5014 S. Dale Mabry Highway Tampa, FL	5555-180-609	Sample potential ACM	300-500	2 weeks
00601	3687 Flat Shoals Road Decatur, GA	5555-180-601	Sample potential ACM	300-500	2 weeks
00602	5301 S. Cobb Drive Smyrna, GA	5555-180-602	Sample potential ACM	300-500	2 weeks
00620	4430 N. Clark St. Chicago, IL	5555-180-620	Conduct subsurface UST investigation Sample potential ACM	3,500-8,000	3 weeks

Phase II Recommendations and Cost Estimates (Page 3)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00730	17204 S. Halsted St. East Hazel Crest, IL	5555-180-730	NFA	---	---
00732	297 W. Lake Frontage Road Elmhurst, IL	5555-180-732	NFA	---	---
00706	2626 W. Jefferson St. Joliet, IL	5555-180-706	NFA	---	---
00720	3835 W. 159th Place Markham, IL	5555-180-720	NFA	---	---
00621	1385 Dundee Road Palatine, IL	5555-180-621	Determine extent of affected soil	3,000-7,000	3 weeks
00707	3760 Pennridge Drive Bridgeton, MO	5555-180-707	NFA	---	---
00716	13620 East 42nd Terrace Independence, MO	5555-180-716	NFA	---	---
00715	11580 Page Service Drive St. Louis, MO	5555-180-715	NFA	---	---
00717	6 Dobbs Lane Cherry Hill, NJ	5555-180-717	NFA	---	---
00718	2130 Route 130 Edgewater Park, NJ	5555-180-718	NFA	---	---
00734	2629 Brunswick Ave. Lawrenceville, NJ	5555-180-734	NFA	---	---
00623	3671 Sheridan Drive Anherst, NY	5555-180-623	Review agency files for subject site	0-1,000	2 weeks (information was requested on May 19, 1994)

Phase II Recommendations and Cost Estimates (Page 4)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00737	7345 Oswego Road Liverpool, NY	5555-180-737	NFA	---	---
00738	1693 East Ave. Rochester, NY	5555-180-738	Conduct a subsurface investigation	3,000-10,000	3 weeks
00622	4871 Transit Road Williamsville, NY	5555-180-622	Review agency file for LUST site	500-1,000	4 weeks
00719	6500 S.W. 110th Court Beaverton, OR	5555-180-719	NFA	---	---
00617	11800 S.E. 40th St. Milwaukie, OR	5555-180-617	NFA	---	---
00624	4160 S.E. International Way Milwaukie, OR	5555-180-624	NFA	---	---
00728	4040 S.E. International Way Milwaukie, OR	5555-180-728	NFA	---	---
00618	6525 N. Lombard St. Portland, OR	5555-180-618	NFA	---	---
00701	13515 N.E. Prescott Court Portland, OR	5555-180-701	NFA	---	---
00708	7402 S.E. 92nd Ave. Portland, OR	5555-180-708	NFA	---	---
00722	1921 N. Gantenbein Ave. Portland, OR	5555-180-722	NFA	---	---
00723	4021 Market St. Aston, PA	5555-180-723	NFA	---	---

Phase II Recommendations and Cost Estimates (Page 5)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00703	11020 Audelia Road Dallas, TX	5555-180-703	NFA	---	---
00726	11020 Audelia Road, Suite B203 Dallas, TX	5555-180-726	NFA	---	---
00724	8400 W. Highway 80 Fort Worth, TX	5555-180-724	NFA	---	---
00705	1408 N.W. 19th St. Grand Prairie, TX	5555-180-705	Identify source of leak Sample potential ACM	300-500	2 weeks
00709	11770 S.W. Freeway Houston, TX	5555-180-709	Plug hole	50-100	1 week
00721	14050 N.W. Freeway Houston, TX	5555-180-721	Plug/abandon onsite well	1,000-2,000	1 month
00739	1507 East Beltway 8 Pasadena, TX	5555-180-739	Review agency file for LUST site Sample potential ACM	1,000-1,500	2 weeks
00608	34701 Pacific Highway S. Federal Way, WA	5555-180-608	NFA	---	---
00606	25700 Pacific Highway S. Kent, WA	5555-180-606	Monitor NPL activities	---	---
00607	724 Eighth St. Kirkland, WA	5555-180-607	NFA	---	---
00605	5200 180th St. Lynnwood, WA	5555-180-605	Managers should monitor for onsite discharges. If discharging continues, sampling may be required.	---	---
00735	901 Rainier Ave. N. Renton, WA	5555-180-735	Determine contents of vaults	---	Pending

Phase II Recommendations and Cost Estimates (Page 6)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00731	7133 Delridge Way S.W. Seattle, WA	5555-180-731	Subsurface Investigation at former UST location	3,000-7,000	3 weeks
00725	4750 S. 108th St. Greenfield, WI	5555-180-725	NFA	---	---
00710	8824 W. Brown Deer Road Milwaukee, WI	5555-180-710	Inspect transformer for signs of leakage. If leakage occurs, sample for PCB-content.	---	---
NFA =	No Further Action				
ACM =	Asbestos-Containing Material				
LUST =	Leaking Underground Storage Tank				
NPL =	National Priorities List				



ENSR Consulting
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July 26, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 N. Brand Blvd., Suite 300
Glendale, CA 91203-5050

Subject: Phase II Work Activities

Dear Hugh:

Based on your verbal authorization, ENSR Consulting and Engineering is proceeding with the Phase II work activities described in the attached table. At this time, some of the tasks have been completed. At other sites, the work activities may be periodic and may be performed by Public Storage. The following list provides a summary of progress, exceptions or modifications to the attached list.

- Asbestos surveys will not be completed at the Clark Street, Chicago (00620) or Beverly Boulevard, Los Angeles (00733) sites at this time as Public Storage has indicated that such work may have been completed in the past.
- The asbestos sampling at the 14 sites in Texas, Georgia and Florida is in progress and is not included as part of this authorization.
- Agency file reviews have already been completed at the Beverly Blvd, Los Angeles site (00733) and a letter of findings will be sent to Public Storage this week with pertinent recommendations.
- Monitoring of NPL activities should be conducted on a periodic basis by Public Storage or its representative at the Valley Boulevard, La Puente site (00615) and the Pacific Highway South, Federal Way (00606) site. Contact with cognizant agency officials should take place semi-annually or as necessary depending on the NPL investigation.
- At the South Street, St. Petersburg site (00702), the recommendation to cease onsite automobile repair activities should be undertaken by Public Storage.
- ENSR is awaiting agency information on the Sheridan Drive, Anhurst site (00623). No additional investigation is recommended until we receive and review the requested information.

July 26, 1994
Mr. Hugh Horne
Page 2

- The recommendation at the Transit Road, Williamsburg site (00622) has been completed and no further investigation is warranted. A letter regarding these findings will be sent to Public Storage this week.
- The task of identifying the leak at the NW 19th Street, Grand Prairie site (00705) should be undertaken by the onsite managers.
- The onsite managers at the 180th Street, Lynnwood site (00605) should monitor for onsite discharging. ENSR will contact the managers to determine if discharging has continued since our site visit. At this time, no sampling is recommended.
- The recommendation to determine the contents of the vault at the Rainier Avenue No., Renton site (00735) site has been completed and no further action is warranted. A letter stating these findings was previously sent to Public Storage.
- The onsite managers should periodically inspect the transformer at the Brown Deer Road, Milwaukee site (00710) for evidence of leakage.

At this time, subsurface investigations being scheduled for the Clark Street, Chicago (00620), Dundee Road, Palatine (00621), East Avenue, Rochester (00738), and Delridge Way, Seattle (00731) sites. Work plans describing our scope of work and detailed cost estimates will be forwarded to you for review prior to initiating field activities. Provided drilling rigs are available and you approve the work plans by Monday, August 1, 1994, ENSR foresees beginning field activities next week. We ask that Public Storage notify the onsite managers of the additional investigation and that ENSR will contact each facility soon.

ENSR proposes to perform the Phase II work activities on a Time and Materials basis in accordance with the terms and conditions in the "Master" conditions negotiated between ENSR and Public Storage. ENSR's standard markup on other direct costs will be discounted to 10 percent. The estimated costs and time to complete the Phase II tasks are provided on the attached table.

To confirm your authorization, please sign in the space provided below and return a copy of this letter to ENSR to my attention. If you have any questions, please do not hesitate to call me at (805) 388-3775.

July 26, 1994
Mr. Hugh Horne
Page 3

Sincerely,

Diane Henry
Diane Henry
Environmental Analyst


AUTHORIZED: PUBLIC STORAGE, INC.

Signature: *[Signature]*
Name: *Wanda L. Brown*
Title: *U.M.*
Date: *7/26/94*



July 26, 1994
Mr. Hugh Horne
Page 3

Sincerely,


Diane Henry
Environmental Analyst

AUTHORIZED: PUBLIC STORAGE, INC.

Signature: _____

Name: _____

Title: _____

Date: _____

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00610	1761 Adrian Road Burlingame, CA	5555-180-610	NFA	-	--
00727	17316-17326 Edwards Road Cerritos, CA	5555-180-727	Review agency file for LUST site	500-1,000	4 weeks
00603	12302 Bellflower Boulevard Downey, CA	5555-180-603	NFA	--	--
00615	13822 E. Valley Boulevard La Puente, CA	5555-180-615	Monitor NPL activities - TO BE COMPLETED BY PUBLIC STORAGE OR ITS REPRESENTATIVE PERIODICALLY Additional historical research	500-1,000	--
00733	3636 Beverly Boulevard Los Angeles, CA	5555-180-733	Survey and sample potential ACM Review agency files for LUST sites - FILE REVIEW HAS BEEN COMPLETED; SUBSURFACE INVESTIGATION LIKELY WARRANTED; RECOMMENDATIONS WILL BE PROVIDED TO PUBLIC STORAGE THIS WEEK.	3,000-7,500	--
00612	640 San Pablo Ave. Pinole, CA	5555-180-612	NFA	--	--

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00736	398 Carlson Boulevard Richmond, CA	5555-180-736	Further historical research	500-1,000	1 week
00614	1395 Mabury Road San Jose, CA	5555-180-614	Investigate former onsite UST	1,000-7,500	3 weeks
00616	231 Capitol Expressway San Jose, CA	5555-180-616	Additional research and/or one soil sample	500-1,500	3 weeks
00613	5005 Firestone Place South Gate, CA	5555-180-616	Further historical research	500-1,000	1 week
00604	107 Lincoln Road West Vallejo, CA	5555-180-604	Obtain monitoring well data and/or sample monitoring well	500-1,000	3 weeks
00729	1080 E. Altamonte Springs Drive Altamonte Springs, FL	5555-180-729	Review agency file for LUST site Sample potential ACM - IN PROGRESS	800-1,500	2 weeks
00712	1500 North State Road 7 Lauderhill, FL	5555-180-712	Review agency file for adjacent LUST site Sample potential ACM - IN PROGRESS	800-1,500	2 weeks
00611	16970 NW 4th Ave. Miami, FL	5555-180-611	Sample potential ACM - IN PROGRESS	300-500	2 weeks
00619	21288 Biscayne Boulevard Miami, FL	5555-180-619	Sample potential ACM - IN PROGRESS	300-500	2 weeks

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00704	18450 NE 5th Ave. Miami, FL	5555-180-704	Review agency files for LUST sites Sample potential ACM - IN PROGRESS	800-1,500	2 weeks
00713	271 Blanding Boulevard Orange Park, FL	5555-180-713	Review agency files and/or contact responsible party for LUST site Sample potential ACM - IN PROGRESS	800-1,500	2 weeks
00711	1801 W. Oak Ridge Road Orlando, FL	5555-180-711	Sample potential ACM - IN PROGRESS	300-500	2 weeks
00702	1400 34th St. South, St. Petersburg, FL	5555-180-702	Cease onsite auto repair activities - TO BE COMPLETED BY PUBLIC STORAGE Sample potential ACM - IN PROGRESS	300-500	2 weeks
00714	4500 34th St. North, St. Petersburg, FL	5555-180-714	Monitor adjacent site activities - TO BE COMPLETED BY PUBLIC STORAGE OR ITS REPRESENTATIVES PERIODICALLY Sample potential ACM - IN PROGRESS	300-500	2 weeks
00609	5014 S. Dale Mabry Highway Tampa, FL	5555-180-609	Sample potential ACM - IN PROGRESS	300-500	2 weeks
00601	3687 Flat Shoals Road Decatur, GA	5555-180-601	Sample potential ACM - IN PROGRESS	300-500	2 weeks

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00602	5301 S. Cobb Drive Smyrna, GA	5555-180-602	Sample potential ACM - IN PROGRESS	300-500	2 weeks
00620	4430 N. Clark St. Chicago, IL	5555-180-620	Conduct subsurface UST investigation Sample potential ACM - NOT PROPOSED AT THIS TIME	3,500-8,000	3 weeks
00730	17204 S. Halsted St. East Hazel Crest, IL	5555-180-730	NFA	---	---
00732	297 W. Lake Frontage Road Elmhurst, IL	5555-180-732	NFA	---	---
00706	2626 W. Jefferson St. Joliet, IL	5555-180-706	NFA	---	---
00720	3835 W. 159th Place Markham, IL	5555-180-720	NFA	---	---
00621	1385 Dundee Road Palatine, IL	5555-180-621	Determine extent of affected soil	3,000-7,000	3 weeks
00707	3760 Pennridge Drive Bridgeton, MO	5555-180-707	NFA	---	---
00716	13620 East 42nd Terrace Independence, MO	5555-180-716	NFA	---	---

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00715	11580 Page Service Drive St. Louis, MO	5555-180-715	NFA	---	---
00717	6 Dobbs Lane Cherry Hill, NJ	5555-180-717	NFA	---	---
00718	2130 Route 130 Edgewater Park, NJ	5555-180-718	NFA	---	---
00734	2629 Brunswick Ave. Lawrenceville, NJ	5555-180-734	NFA	---	---
00623	3671 Sheridan Drive Anherst, NY	5555-180-623	Review agency files for subject site - PENDING	0-1,000	2 weeks (information was requested on May 19, 1994)
00737	7345 Oswego Road Liverpool, NY	5555-180-737	NFA	---	---
00738	1693 East Ave. Rochester, NY	5555-180-738	Conduct a subsurface investigation	3,000-10,000	3 weeks
00622	4871 Transit Road Williamsville, NY	5555-180-622	Review agency file for LUST site - COMPLETE; LETTER OF FINDINGS TO BE FORWARDED TO PUBLIC STORAGE THIS WEEK; NFA	500-1,000	4 weeks

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00719	6500 S.W. 110th Court Beaverton, OR	5555-180-719	NFA	---	---
00617	11800 S.E. 40th St. Milwaukie, OR	5555-180-617	NFA	---	---
00624	4160 S.E. International Way Milwaukie, OR	5555-180-624	NFA	---	---
00728	4040 S.E. International Way Milwaukie, OR	5555-180-728	NFA	---	---
00618	6525 N. Lombard St. Portland, OR	5555-180-618	NFA	---	---
00701	13515 N.E. Prescott Court Portland, OR	5555-180-701	NFA	---	---
00708	7402 S.E. 92nd Ave. Portland, OR	5555-180-708	NFA	---	---
00722	1921 N. Gantenbein Ave. Portland, OR	5555-180-722	NFA	---	---
00723	4021 Market St. Aston, PA	5555-180-723	NFA	---	---

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00703	11020 Audella Road Dallas, TX	5555-180-703	NFA	---	---
00726	11020 Audella Road, Suite B203 Dallas, TX	5555-180-726	NFA	---	---
00724	8400 W. Highway 80 Fort Worth, TX	5555-180-724	NFA	---	---
00705	1408 N.W. 19th St. Grand Prairie, TX	5555-180-705	Identify source of leak - TO BE COMPLETED BY ONSITE MANAGERS Sample potential ACM - IN PROGRESS	300-500	2 weeks
00709	11770 S.W. Freeway Houston, TX	5555-180-709	Plug hole - TO BE COMPLETED BY ONSITE MANAGERS	50-100	1 week
00721	14050 N.W. Freeway Houston, TX	5555-180-721	Plug/abandon onsite well	1,000-2,000	1 month
00739	1507 East Beltway 8 Pasadena, TX	5555-180-739	Review agency file for LUST site Sample potential ACM - IN PROGRESS	1,000-1,500	2 weeks
00608	34701 Pacific Highway S. Federal Way, WA	5555-180-608	NFA	---	---

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00606	25700 Pacific Highway S. Kent, WA	5555-180-606	Monitor NPL activities - TO BE COMPLETED BY PUBLIC STORAGE OR ITS REPRESENTATIVES PERIODICALLY	---	---
00607	724 Eighth St. Kirkland, WA	5555-180-607	NFA	---	---
00605	5200 180th St. Lynnwood, WA	5555-180-605	Managers should monitor for onsite discharges. If discharging continues, sampling may be required.	---	---
00735	901 Rainier Ave. N. Renton, WA	5555-180-735	Determine contents of vaults - COMPLETED	---	completed
00731	7133 Delridge Way S.W. Seattle, WA	5555-180-731	Subsurface investigation at former UST location	3,000-7,000	3 weeks
00725	4750 S. 108th St. Greenfield, WI	5555-180-725	NFA	---	---
00710	8824 W. Brown Deer Road Milwaukee, WI	5555-180-710	Inspect transformer for signs of leakage. If leakage occurs, sample for PCB-content. - TO BE COMPLETED BY ONSITE MANAGERS PERIODICALLY	---	---

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
NFA = No Further Action ACM = Asbestos-Containing Material LUST = Leaking Underground Storage Tank NPL = National Priorities List					



STORAGE EQUITIES, INC.

600 N Brand Blvd, Suite 300 • P O Box 25050
Glendale, California 91203-5050
818/244-8080

July 25, 1994

BY MESSENGER

Bruce P. Howard, Esq.
LATHAM & WATKINS
650 Town Center Drive
20th Floor
Costa Mesa, California 92626

Dear Bruce:

Public Storage Properties VI, Inc. (PSP-6), Public Storage Properties VII, Inc. (PSP-7) and Storage Equities, Inc. are in the process of conducting environmental due diligence in connection with the potential merger of PSP-6 and PSP-7 into Storage Equities, Inc.

In total, 63 properties would be involved in the merger. Enclosed are 25 Phase I environmental assessments conducted by ENSR which describe certain environmental issues for which I need your assistance.

Upon receipt of this material, please call me immediately so that I may explain my questions. A list of the enclosed reports is set forth below:

Project Number	Address
604	107 Lincoln Road West, Vallejo, CA
613	5005 Firestone Place, South Gate, CA
614	1395 Mabury Road, San Jose, CA
615	13822 East Valley Boulevard, La Puente, CA
616	231 West Capitol Expressway, San Jose, CA
620	4430 North Clark Street, Chicago, IL
621	1385 East Dundee Road, Panatine, IL
622	4871 Transit Road, Williamsville, NY
623	3671 Sheridan Drive, Amherst, NY
704	18450 NE 5th Avenue, Miami, FL (dated 6/17/94)
704	18450 NE 5th Avenue, Miami, FL (dated 7/5/94)
705	1408 NW 19th Street, Grand Prairie, TX
709	11770 South Freeway, Houston, TX
712	1500 North State Road, Lauderhill, FL
713	271 Blanding Boulevard, Orange Park, FL
714	4500 34th St. North, St. Petersburg, FL
721	14050 Northwest Freeway, Houston, TX
729	1080 E. Altamonte Springs Dr., Altamonte Springs, FL
727	17316 and 17326 Edwards Road, Cerritos, CA
731	7133 Delridge Way SW, Seattle, WA

Bruce P. Howard, Esq.
July 25, 1994
Page Two

Project Number	Address
733	3636 Beverly Boulevard, Los Angeles, CA
735	865, 879 and 901 Ranier Avenue North, Renton, WA
736	398 Carlson Boulevard, Richmond, CA
738	1693 East Avenue, Rochester, NY
739	1507 East Beltway 8, Pasadena, TX

Sincerely,

STORAGE EQUITIES, INC.



Hugh W. Horne
Vice President

HWH/bn

Enclosures

P.S. Also enclosed is a six-page table completed by ENSR summarizing the findings of their Phase I reports.

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00610	1761 Adrian Road Burlingame, CA	5555-180-610	NFA	---	---
00727	17316-17326 Edwards Road Carritos, CA	5555-180-727	Review agency file for LUST site	500-1,000	4 weeks
00603	12302 Bellflower Boulevard Downey, CA	5555-180-603	NFA	---	---
00615	13822 E. Valley Boulevard La Puente, CA	5555-180-615	Monitor NPL activities Additional historical research	500-1,000	---
00733	3836 Beverly Boulevard Los Angeles, CA	5555-180-733	Survey and sample potential ACM Review agency files for LUST sites	3,000-7,500	---
00612	640 San Pablo Ave. Pinole, CA	5555-180-612	NFA	---	---
00736	388 Carlison Boulevard Richmond, CA	5555-180-736	Further historical research	500-1,000	1 week
00614	1396 Mabury Road San Jose, CA	5555-180-614	Investigate former onsite UST	1,000-7,500	3 weeks
00616	231 Capitol Expressway San Jose, CA	5555-180-616	Additional research and/or one soil sample	500-1,500	3 weeks
00613	5005 Firestone Place South Gate, CA	5555-180-616	Further historical research	500-1,000	1 week
00604	107 Lincoln Road West Vallejo, CA	5555-180-604	Obtain monitoring well data and/or sample monitoring well	500-1,000	3 weeks
00728	1060 E. Altamonte Springs Dr Altamonte Springs, FL	5555-180-729	Review agency file for LUST site Sample potential ACM	800-1,500	2 weeks

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Phase II Recommendations and Cost Estimates (Page 2)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00712	1500 North State Road 7 Lauderhill, FL	5555-180-712	Review agency file for adjacent LUST site Sample potential ACM	800-1,500	2 weeks
00611	16970 NW 4th Ave. Miami, FL	5555-180-611	Sample potential ACM	300-500	2 weeks
00619	21288 Biscayne Boulevard Miami, FL	5555-180-619	Sample potential ACM	300-500	2 weeks
00704	18450 NE 5th Ave. Miami, FL	5555-180-704	Review agency files for LUST sites Sample potential ACM	800-1,500	2 weeks
00713	271 Blanding Boulevard Orange Park, FL	5555-180-713	Review agency files and/or contact responsible party for LUST site Sample potential ACM	800-1,500	2 weeks
00711	1801 W. Oak Ridge Road Orlando, FL	5555-180-711	Sample potential ACM	300-500	2 weeks
00702	1400 34th St. South, St. Petersburg, FL	5555-180-702	Cease onsite auto repair activities Sample potential ACM	300-500	2 weeks
00714	4500 34th St. North, St. Petersburg, FL	5555-180-714	Monitor adjacent site activities Sample potential ACM	300-500	2 weeks
00609	5014 S. Dale Mabry Highway Tampa, FL	5555-180-609	Sample potential ACM	300-500	2 weeks
00601	3687 Flat Shoals Road Decatur, GA	5555-180-601	Sample potential ACM	300-500	2 weeks
00602	5301 S. Cobb Drive Smyrna, GA	5555-180-602	Sample potential ACM	300-500	2 weeks
00620	4430 N. Clark St. Chicago, IL	5555-180-620	Conduct subsurface UST investigation Sample potential ACM	3,500-8,000	3 weeks

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Phase II Recommendations and Cost Estimates (Page 3)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00730	17204 S. Halsted St. East Hazel Crest, IL	5555-180-730	NFA	---	---
00732	297 W. Lake Frontage Road Elmhurst, IL	5555-180-732	NFA	---	---
00706	2626 W. Jefferson St. Joliet, IL	5555-180-706	NFA	---	---
00720	3835 W. 158th Place Marion, IL	5555-180-720	NFA	---	---
00621	1385 Dundee Road Peotone, IL	5555-180-621	Determine extent of affected soil	3,000-7,000	3 weeks
00707	3760 Pennridge Drive Bridgeton, MO	5555-180-707	NFA	---	---
00716	13620 East 42nd Terrace Independence, MO	5555-180-716	NFA	---	---
00715	11580 Page Service Drive St. Louis, MO	5555-180-715	NFA	---	---
00717	6 Dobbs Lane Cherry Hill, NJ	5555-180-717	NFA	---	---
00718	2130 Route 130 Edgewater Park, NJ	5555-180-718	NFA	---	---
00734	2629 Brunswick Ave. Lawrenceville, NJ	5555-180-734	NFA	---	---
00623	3671 Sheridan Drive Arhanst, NY	5555-180-623	Review agency files for subject site	0-1,000	2 weeks information was requested on May 19, 1994

Phase II Recommendations and Cost Estimates (Page 4)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00737	7345 Oswego Road Liverpool, NY	5555-180-737	NFA	--	--
00738	1693 East Ave. Rochester, NY	5555-180-738	Conduct a subsurface investigation	3,000-10,000	3 weeks
00622	4871 Transit Road Williamsville, NY	5555-180-622	Review agency file for LUST site	500-1,000	4 weeks
00719	6500 S.W. 110th Court Beaverton, OR	5555-180-719	NFA	--	--
00617	11800 S.E. 40th St Milwaukee, OR	5555-180-617	NFA	--	--
00624	4160 S.E. International Way Milwaukee, OR	5555-180-624	NFA	--	--
00728	4040 S.E. International Way Milwaukee, OR	5555-180-728	NFA	--	--
00618	6625 N. Lombard St Portland, OR	5555-180-618	NFA	--	--
00701	13515 N.E. Prescott Court Portland, OR	5555-180-701	NFA	--	--
00708	7402 S.E. 92nd Ave. Portland, OR	5555-180-708	NFA	--	--
00722	1821 N. Gantenbein Ave. Portland, OR	5555-180-722	NFA	--	--
00723	4021 Market St. Aston, PA	5555-180-723	NFA	--	--

Phase II Recommendations and Cost Estimates (Page 5)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00703	11020 Audelia Road Dallas, TX	5555-180-703	NFA	---	---
00726	11020 Audelia Road, Suite B203 Dallas, TX	5555-180-726	NFA	---	---
00724	9400 W. Highway 80 Fort Worth, TX	5555-180-724	NFA	---	---
00705	1408 N.W. 19th St. Grand Prairie, TX	5555-180-705	Identify source of leak Sample potential ACM	300-500	2 weeks
00708	11770 S.W. Freeway Houston, TX	5555-180-708	Plug hole	50-100	1 week
00721	14050 N.W. Freeway Houston, TX	5555-180-721	Plug/abandon onsite well	1,000-2,000	1 month
00739	1507 East Bayway 8 Pasadena, TX	5555-180-739	Review agency file for LUST site Sample potential ACM	1,000-1,500	2 weeks
00608	34701 Pacific Highway S. Federal Way, WA	5555-180-608	NFA	---	---
00606	25700 Pacific Highway S. Kent, WA	5555-180-606	Monitor NPL activities	---	---
00607	724 Eighth St. Kirkland, WA	5555-180-607	NFA	---	---
00605	5200 180th St. Lynnwood, WA	5555-180-605	Managers should monitor for onsite discharges. If discharging continues, sampling may be required.	---	---
00735	901 Fishier Ave. N. Renton, WA	5555-180-735	Determine contents of vaults	---	Pending

Phase II Recommendations and Cost Estimates (Page 6)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00731	7133 Derridge Way S.W. Seattle, WA	5555-180-731	Subsurface investigation at former UST location	3,000-7,000	3 weeks
00725	4750 S. 108th St. Greenfield, WI	5555-180-725	NFA	---	---
00710	8824 W. Brown Deer Road Milwaukee, WI	5555-180-710	Inspect transformer for signs of leakage. If leakage occurs, sample for PCB content.	---	---
NFA	-	-	No Further Action	-	-
ACM	-	-	Asbestos-Containing Material	-	-
LUST	-	-	Leaking Underground Storage Tank	-	-
NPL	-	-	National Priorities List	-	-

March 30, 1990

Mr. Jim White
Public Storage, Inc.
700 N. Central Avenue, Suite 300
Glendale, Ca 91203

RE: Results of Soil Sampling at 231 W. Capitol Expressway, San Jose, CA
Public Storage Project No. 00616
TRC Project No. 7013-P73-00

Dear Jim:

On March 13, 1990, TRC Environmental Consultants, Inc. (TRC) collected a shallow soil sample on the above referenced property to assess possible soil contamination resulting from a discharge pipe discovered during our initial Phase I Environmental Assessment of the property. The original site walk-over on the site was performed on February 21, 1990. During that visit, a 2-inch PVC pipe was found protruding from the neighboring property through the wooden fence in back of one of the mini-storage buildings. No liquid was observed coming out of the pipe, however, the ground beneath the pipeline was discolored to a light gray color.

To assess the possibility of soil contamination, TRC collected a shallow soil sample directly beneath the exposed pipe. The PVC pipe was located approximately 1 foot above ground surface and during soil sampling was observed to be dry. The discolored soil extended away from the pipe in a 2-foot radius. The discolored soil contained a fine white dust from the surface to approximately 8 inches below the surface. The sample was composited from the surface to a depth of 1 foot.

The sample was sealed in a glass jar, placed on ice and transported to Curtis and Tompkins, Ltd, a California certified laboratory, using standard chain-of-custody procedures. The sample was analyzed for CAM metals and Pesticides and PCB's using EPA method 8080. Laboratory results and chain-of-custody documentation is included as an Attachment to this letter.

The results of laboratory analyses indicate that DDE, a pesticide associated with DDT, was detected at 19 parts per billion (ppb). This may be residual in the soil from past usage of the property and may not be associated with the effluent from the pipe. The level of DDE is also below the California Maximum Contaminant Level (MCL) for this substance. Of the 17 metals analyzed for, only two were detected at levels exceeding typical background levels for soil. Cadmium was detected at 2.1 parts per million (ppm) while the normal level in soils ranges from 0.01 to 0.7 ppm. Zinc was also detected at 2,100 ppm, a level considerably higher than the normal range of 10 to 300 ppm. Although these metals were above natural levels in soils, they were also below the California MCL's for these metals.

Mr. Jim White
Page 2
March 30, 1990

TRC recommends that Public Storage personnel contact the local health department and request that an inspector be sent to the adjoining trailer park to visually inspect the source of discharge from the pipeline. It is recommended that both a Public Storage representative and TRC personnel be present during the inspection. Once the source of the discharge is determined, a recommendation of how to proceed with any further assessment (if any) can be made.

If you have any questions or need further information, please call us at (714) 581-6860.

Very truly yours,

TRC ENVIRONMENTAL CONSULTANTS, INC.

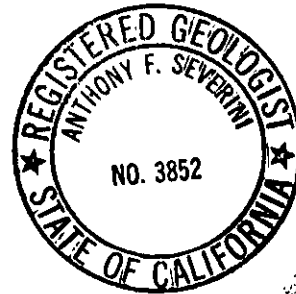
Patricia D. Royalty

Patricia D. Royalty
Principal Consulting Hydrogeologist

Anthony F. Severini

Anthony F. Severini, R. G.
Vice President and Manager
Hazardous Waste Services

Attachment



TRC

ATTACHMENT

LABORATORY RESULTS AND CHAIN-OF CUSTODY DOCUMENTATION



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 03/13/90

DATE REPORTED: 03/26/90

PAGE 1 OF 3

LAB NUMBER: 19882

CLIENT: TRC ENVIRONMENTAL CONSULTANTS

REPORT ON: 1 SOIL SAMPLE

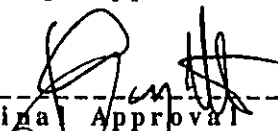
PROJECT #: 7013-P23

LOCATION: PUBLIC STORAGE-CAPITOL/SAN JOSE

RESULTS: SEE ATTACHED



QA/QC Approval



Final Approval

LABORATORY NUMBER: 19882-1
 CLIENT: TRC ENVIRONMENTAL CONSULTANTS
 PROJECT #: 7013-P23
 SAMPLE ID: PCS-1

DATE RECEIVED: 03/13/90
 DATE ANALYZED: 03/14/90
 DATE REPORTED: 03/26/90
 PAGE 2 OF 3

Title 26 Metals in Soils & Wastes
 Digestion Method: EPA 3050

METAL	RESULT mg/Kg	DETECTION LIMIT mg/Kg	METHOD
Antimony	ND	5.0	EPA 6010
Arsenic	ND	2.5	EPA 6010
Barium	140	0.50	EPA 6010
Beryllium	ND	0.50	EPA 6010
Cadmium	2.1	0.50	EPA 6010
Chromium (total)	85	0.50	EPA 6010
Cobalt	15	0.50	EPA 6010
Copper	73	1.0	EPA 6010
Lead	130	2.5	EPA 6010
Mercury	0.22	0.10	EPA 7471
Molybdenum	ND	0.50	EPA 6010
Nickel	190	0.50	EPA 6010
Selenium	ND	2.5	EPA 6010
Silver	ND	1.0	EPA 6010
Thallium	ND	5.0	EPA 7841
Vanadium	17	1.0	EPA 6010
Zinc	2,100	0.50	EPA 6010

ND = Not Detected

QA/QC SUMMARY

	%RPD	%RECOVERY		%RPD	%RECOVERY
Antimony	<1	97	Mercury	6	109
Arsenic	<1	95	Molybdenum	<1	95
Barium	1	101	Nickel	<1	100
Beryllium	<1	99	Selenium	<1	104
Cadmium	1	91	Silver	<1	99
Chromium	1	99	Thallium	2	99
Cobalt	<1	100	Vanadium	1	95
Copper	1	101	Zinc	<1	100
Lead	4	99			

LABORATORY NUMBER: 19882-1
 CLIENT: TRC ENVIRONMENTAL CONSULTANTS
 JOB #: 7013-P23
 SAMPLE ID: PCS-1

DATE RECEIVED: 03/13/90
 DATE EXTRACTED: 03/16/90
 DATE ANALYZED: 03/21/90
 DATE REPORTED: 03/26/90
 PAGE 3 OF 3

EPA 8080: Organochlorine Pesticides and PCBs in Soils & Wastes
 Extraction Method: EPA 3550

COMPOUND	RESULT	QUANTITATION
	ug/Kg	LIMIT ug/Kg
alpha - BHC	ND	13
beta - BHC	ND	13
gamma - BHC	ND	13
delta - BHC	ND	13
Heptachlor	ND	13
Aldrin	ND	13
Heptachlor Epoxide	ND	13
Endosulfan I	ND	13
Dieldrin	ND	13
4,4' -DDE	19	13
Endrin	ND	13
Endosulfan II	ND	13
Endosulfan Sulfate	ND	13
4,4' -DDD	ND	13
Endrin Aldehyde	ND	13
4,4' -DDT	ND	13
Chlordane	ND	130
Methoxychlor	ND	130
Toxaphene	ND	250
Aroclor 1016	ND	130
Aroclor 1221	ND	130
Aroclor 1232	ND	130
Aroclor 1242	ND	130
Aroclor 1248	ND	130
Aroclor 1254	ND	130
Aroclor 1260	ND	130

ND = Not detected at or above quantitation limit.

QA/QC SUMMARY:

Duplicate: Relative % Difference 5
 Average Spike Recovery % 105



**Environmental
Consultants, Inc.**

23361 Madero Street, Suite 100, Mission Viejo, CA 92691-2730 (714) 581-6860

March 30, 1990

Mr. Jim White
Public Storage, Inc.
700 N. Central Avenue, Suite 300
Glendale, Ca 91203

RE: Results of Soil Sampling at 231 W. Capitol Expressway, San Jose, CA
Public Storage Project No. 00616
TRC Project No. 7013-P73-00

Dear Jim:

On March 13, 1990, TRC Environmental Consultants, Inc. (TRC) collected a shallow soil sample on the above referenced property to assess possible soil contamination resulting from a discharge pipe discovered during our initial Phase I Environmental Assessment of the property. The original site walk-over on the site was performed on February 21, 1990. During that visit, a 2-inch PVC pipe was found protruding from the neighboring property through the wooden fence in back of one of the mini-storage buildings. No liquid was observed coming out of the pipe, however, the ground beneath the pipeline was discolored to a light gray color.

To assess the possibility of soil contamination, TRC collected a shallow soil sample directly beneath the exposed pipe. The PVC pipe was located approximately 1 foot above ground surface and during soil sampling was observed to be dry. The discolored soil extended away from the pipe in a 2-foot radius. The discolored soil contained a fine white dust from the surface to approximately 8 inches below the surface. The sample was composited from the surface to a depth of 1 foot.

The sample was sealed in a glass jar, placed on ice and transported to Curtis and Tompkins, Ltd, a California certified laboratory, using standard chain-of-custody procedures. The sample was analyzed for CAM metals and Pesticides and PCB's using EPA method 8080. Laboratory results and chain-of-custody documentation is included as an Attachment to this letter.

The results of laboratory analyses indicate that DDE, a pesticide associated with DDT, was detected at 19 parts per billion (ppb). This may be residual in the soil from past usage of the property and may not be associated with the effluent from the pipe. The level of DDE is also below the California Maximum Contaminant Level (MCL) for this substance. Of the 17 metals analyzed for, only two were detected at levels exceeding typical background levels for soil. Cadmium was detected at 2.1 parts per million (ppm) while the normal level in soils ranges from 0.01 to 0.7 ppm. Zinc was also detected at 2,100 ppm, a level considerably higher than the normal range of 10 to 300 ppm. Although these metals were above natural levels in soils, they were also below the California MCL's for these metals.

Mr. Jim White
Page 2
March 30, 1990

TRC recommends that Public Storage personnel contact the local health department and request that an inspector be sent to the adjoining trailer park to visually inspect the source of discharge from the pipeline. It is recommended that both a Public Storage representative and TRC personnel be present during the inspection. Once the source of the discharge is determined, a recommendation of how to proceed with any further assessment (if any) can be made.

If you have any questions or need further information, please call us at (714) 581-6860.

Very truly yours,

TRC ENVIRONMENTAL CONSULTANTS, INC.

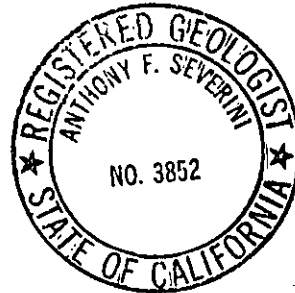
Patricia D. Royalty

Patricia D. Royalty
Principal Consulting Hydrogeologist

Anthony F. Severini

Anthony F. Severini, R. G.
Vice President and Manager
Hazardous Waste Services

Attachment



ATTACHMENT
LABORATORY RESULTS AND CHAIN-OF CUSTODY DOCUMENTATION



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 03/13/90
DATE REPORTED: 03/26/90
PAGE 1 OF 3


LAB NUMBER: 19882

CLIENT: TRC ENVIRONMENTAL CONSULTANTS

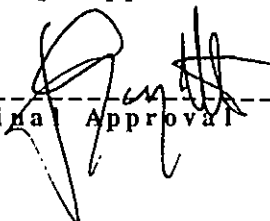
REPORT ON: 1 SOIL SAMPLE

PROJECT #: 7013-P23
LOCATION: PUBLIC STORAGE-CAPITOL/SAN JOSE

RESULTS: SEE ATTACHED



QA/QC Approval



Final Approval



LABORATORY NUMBER: 19882-1
 CLIENT: TRC ENVIRONMENTAL CONSULTANTS
 PROJECT #: 7013-P23
 SAMPLE ID: PCS-1

DATE RECEIVED: 03/13/90
 DATE ANALYZED: 03/14/90
 DATE REPORTED: 03/26/90
 PAGE 2 OF 3

Title 26 Metals in Soils & Wastes
 Digestion Method: EPA 3050

METAL	RESULT mg /Kg	DETECTION LIMIT mg /Kg	METHOD
Antimony	ND	5.0	EPA 6010
Arsenic	ND	2.5	EPA 6010
Barium	140	0.50	EPA 6010
Beryllium	ND	0.50	EPA 6010
Cadmium	2.1	0.50	EPA 6010
Chromium (total)	85	0.50	EPA 6010
Cobalt	15	0.50	EPA 6010
Copper	73	1.0	EPA 6010
Lead	130	2.5	EPA 6010
Mercury	0.22	0.10	EPA 7471
Molybdenum	ND	0.50	EPA 6010
Nickel	190	0.50	EPA 6010
Selenium	ND	2.5	EPA 6010
Silver	ND	1.0	EPA 6010
Thallium	ND	5.0	EPA 7841
Vanadium	17	1.0	EPA 6010
Zinc	2,100	0.50	EPA 6010

ND = Not Detected

QA/QC SUMMARY

	%RPD	%RECOVERY		%RPD	%RECOVERY
Antimony	<1	97	Mercury	6	109
Arsenic	<1	95	Molybdenum	<1	95
Barium	1	101	Nickel	<1	100
Beryllium	<1	99	Selenium	<1	104
Cadmium	1	91	Silver	<1	99
Chromium	1	99	Thallium	2	99
Cobalt	<1	100	Vanadium	1	95
Copper	1	101	Zinc	<1	100
Lead	4	99			

LABORATORY NUMBER: 19882-1
 CLIENT: TRC ENVIRONMENTAL CONSULTANTS
 JOB #: 7013-P23
 SAMPLE ID: PCS-1

DATE RECEIVED: 03/13/90
 DATE EXTRACTED: 03/16/90
 DATE ANALYZED: 03/21/90
 DATE REPORTED: 03/26/90
 PAGE 3 OF 3

EPA 8080: Organochlorine Pesticides and PCBs in Soils & Wastes
 Extraction Method: EPA 3550

COMPOUND	RESULT	QUANTITATION
	ug/Kg	LIMIT ug/Kg
alpha-BHC	ND	13
beta-BHC	ND	13
gamma-BHC	ND	13
delta-BHC	ND	13
Heptachlor	ND	13
Aldrin	ND	13
Heptachlor Epoxide	ND	13
Endosulfan I	ND	13
Dieldrin	ND	13
4,4'-DDE	19	13
Endrin	ND	13
Endosulfan II	ND	13
Endosulfan Sulfate	ND	13
4,4'-DDD	ND	13
Endrin Aldehyde	ND	13
4,4'-DDT	ND	13
Chlordane	ND	130
Methoxychlor	ND	130
Toxaphene	ND	250
Aroclor 1016	ND	130
Aroclor 1221	ND	130
Aroclor 1232	ND	130
Aroclor 1242	ND	130
Aroclor 1248	ND	130
Aroclor 1254	ND	130
Aroclor 1260	ND	130

ND = Not detected at or above quantitation limit.

QA/QC SUMMARY:

Duplicate: Relative % Difference 5
 Average Spike Recovery % 105

**PUBLIC STORAGE
MANAGEMENT INC.**



Rental Spaces

3875 HOPYARD ROAD, SUITE 194, PLEASANTON, CA 94588, (415) 847-0783, FAX (415) 847-8273

April 23, 1990

California Hawaiian Trailer Park
3637 Snell Rd
San Jose, CA 95136

SUBJECT: Environmental Problem on April 12, 1990

To Whom It May Concern,

During a recent inspection of our property located at 231 W. Capitol Expressway, San Jose, we discovered an environmental problem resulting from a discharge onto our property from the California Hawaiian Trailer Court.

A drain pipe, several inches in diameter, was poked through our fence, originating from a shed located behind our property and a contaminant is being dumped onto the Public Storage facility. Analysis shows unacceptable levels of heavy metals and a breakdown product of DDT present in the contaminant.

The extent of clean-up work necessary to rid the facility of the contaminant has not yet been determined. However, upon determination we will be in contact with you as Public Storage Management, Inc., believes that California Hawaiian and the tenant located in your trailer court are responsible for all expenses incurred in the clean-up of our facility.

Sincerely,

A handwritten signature in cursive script that reads "John Olson".

John Olson
District Manager

cc: Jim White
file

**PHASE I ENVIRONMENTAL ASSESSMENT
PUBLIC STORAGE FACILITY
231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA**

Submitted to:

**Public Storage, Inc.
Glendale, California**

**Public Storage Project No. 00616
TRC Project No. 7013-P73-00**

March 15, 1990

TRC

***Environmental
Consultants, Inc.***

23361 Madero Street
Suite 100
Mission Viejo, CA 92691-2730
(714) 581-6860
A **TRC** Company

Factual information regarding operations, and test data has been obtained in part from company personnel, the facility audited, and its employees or agents and has been assumed by us to be correct and complete. Since the statements in this report are subject to professional interpretation, they could result in differing conclusions. In addition, the findings and conclusions contained in this report are based on various quantitative and qualitative factors as they existed on the date of this report. Therefore, there can be no assurance that intervening factors will not arise which will affect the conclusions reached by TRC. This information is submitted solely for the internal use of Public Storage, Inc.

TRC accepts no liability for direct or consequential loss or damage to Public Storage, Inc. or to other parties resulting from use of the information or recommendations contained herein. Acceptance of or reliance upon submitted recommendations and/or suggestions in no way assures elimination of present or future liability or the fulfillment of any obligations as may be required by any local, state, or federal laws or any modifications or changes thereto.

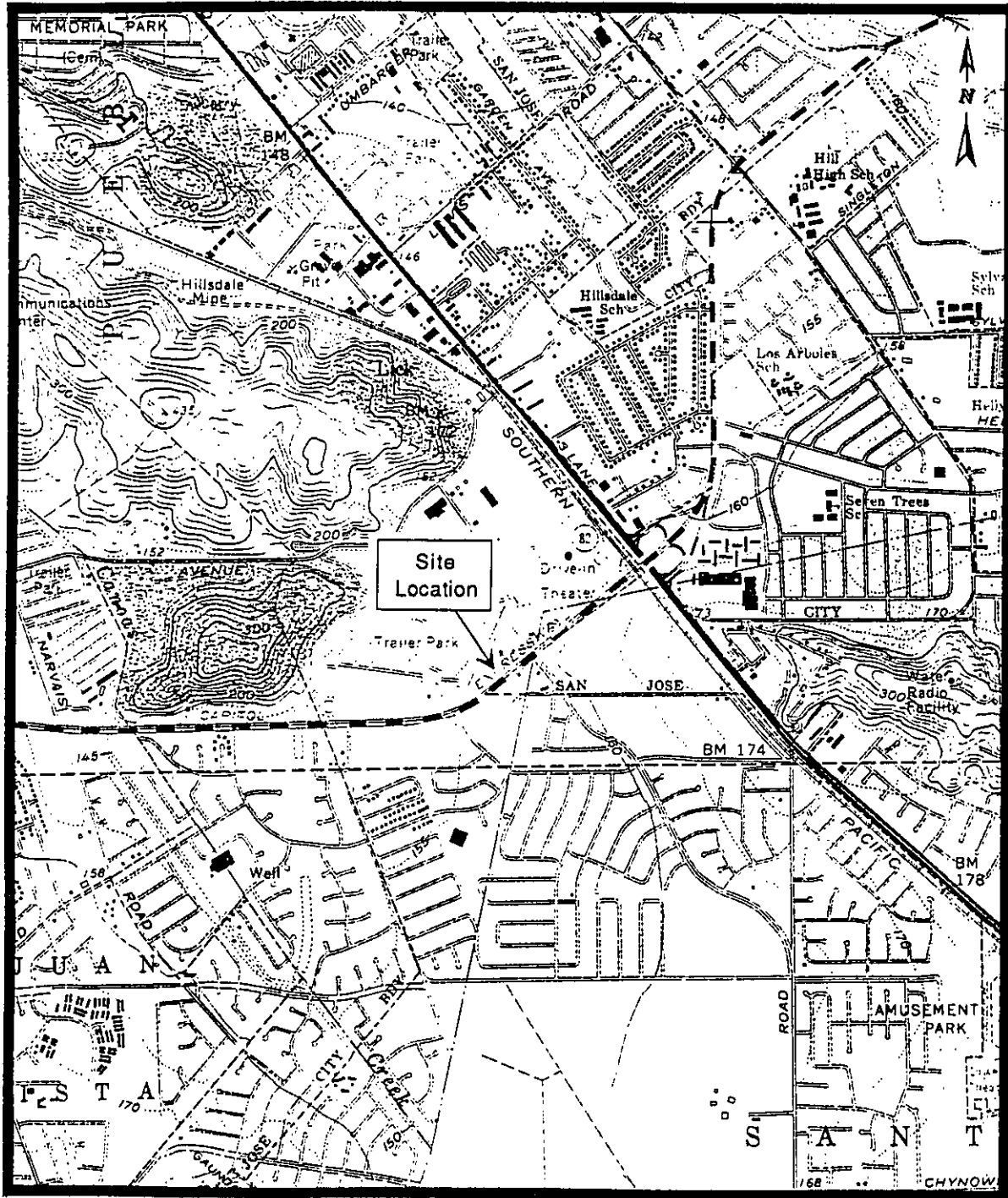
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2.1	Aerial Photograph Analysis	3
2.2	Past Ownership Survey	3
2.3	Regulatory Agency Contacts	4
3.0	SITE RECONNAISSANCE	6
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1.0 INTRODUCTION

Public Storage, Inc. retained TRC Environmental Consultants, Inc. (TRC) on January 25, 1990 to perform an environmental assessment of the existing Public Storage mini-storage facility located at 231 W. Capitol Expressway in the City of San Jose, California (Figure 1). The environmental assessment included a site history survey with review of aerial photographs, the contact of various local and state regulatory agencies to determine if past or present activities on or adjacent to the subject property may present environmental concerns, a site walk-over of the mini-storage facility and subject property, and an asbestos survey and analysis of bulk material samples for asbestos.

The assessment was performed by Associate Project Hydrogeologist Scott A. Armstrong. Principal Engineer Joseph Como provided general management of this project and final report review. Vice President and Manager of Hazardous Waste Services Anthony F. Severini provided final approval of this report.



USGS 1:24,000 SCALE
SAN JOSE EAST
QUADRANGLE TOPOGRAPHIC MAP

SITE LOCATION

231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA

7013-P23-00

FIGURE 1

2.0 SITE HISTORY

2.1 Aerial Photograph Analysis

TRC performed a site history survey of the subject property using aerial photographs to evaluate whether prior land use poses a source for any possible environmental concerns. Aerial photographs for the years 1954, 1963, 1966, 1971, 1976, 1980, 1984, and 1988 were examined at Pacific Aerial in Oakland, California.

In the 1954 photograph, the area that Public Storage currently occupies and most of the surrounding land appears to be undeveloped range land. What appears to be an agricultural processing facility is visible to the east of the subject property.

There is no change in the 1963 and 1966 photographs. In the 1971 photograph a trailer park is visible to the north. About 3/4 of the trailer lots are occupied. The Shell station on the corner of Mabury Road and Snell Avenue is visible.

In the 1976 photograph, a drive-in theater is visible on the east side of Snell Avenue. All other landmarks remain the same.

In the 1980 photograph, a mini-storage facility on the east side of the subject property is visible. The British Petroleum station on the corner of Capitol Expressway and Snell Avenue is present.

In the 1984 photograph, the mini-storage facility is visible on the subject property. Apartment buildings are visible on the south side of Capitol Expressway. There is no change in the 1988 photograph.

2.2 Past Ownership Survey

TRC visited the Santa Clara County Recorder's Offices to research past ownership on the subject property to identify whether prior ownership of the land could pose an environmental concern. Records were available only back to 1986 on computer. The subject property is identified

at the Recorder's Office as parcel 462-01-019. Available records indicate that Public Storage has owned the subject property continuously since September 2, 1986. The records indicate that a transaction took place in 1986 between Public Storage and Donald F. Imwalle Inc. and Charles K. Stegner, Inc.

2.3 Regulatory Agency Contacts

TRC contacted several state and local regulatory agencies with regard to the Public Storage site and adjacent properties to determine if any environmental problems currently exist or have existed in the past. The following summarizes these contacts.

The City of San Jose Fire Department was contacted regarding information on underground storage tanks (USTs) and possible violations to local fire codes that may exist at or adjacent to the subject property. The Fire Department representative informed TRC that no violations were recorded.

TRC reviewed the Hazardous Waste and Substances Sites List (commonly referred to as the "Cortese List") pursuant to the California Government Code Section 65962.5. The listing is a compilation of information published by the California Regional Water Quality Control Board (RWQCB), the California Waste Management Board (CWMB) the California Department of Health Services (DHS) Division of Environmental Health, Contaminated Well List (AB 1803) and the DHS Toxic Substances Control Division (TSCD) State Abandoned Sites Program Information System (ASPIS). Sites identified on the Cortese List are labeled as to the lead regulatory agency involved with the case and where to pursue current information on site status. TRC maintains a current version of the Cortese List as well as current listings from the RWQCB, the CWMB and the DHS. Information found in the Cortese List is then researched using reports from the respective agency involved with each site. A review of the list indicated that there are six sites within a 1-mile radius of the subject property. All the sites have reported UST leaks. All of the sites are either downgradient of the subject property, with respect to groundwater flow direction, or far enough away that they are not

expected to pose an environmental concern to the subject property.

The Bay Area Regional Water Quality Control Board (RWQCB) also maintains a listing and files of leaking USTs. The RWQCB listing was consulted. There are six cases of leaking USTs within a one-mile radius of the subject property. These are the same six cases previously discussed.

The "California Department of Health Services Expenditure Plan for the Hazardous Substances Cleanup Bond Act of 1984" was reviewed. The Expenditure Plan represents the California State Department of Health Services Plan for hazardous waste site cleanup activity through 1991. There are no sites within a 1-mile radius of the subject property.

TRC also reviewed the California Waste Management Board listing for inactive and active landfills and solid waste transfer stations. No sites were listed within a 1-mile radius.

TRC consulted the Environmental Protection Agency (EPA) National Priority List (NPL) for hazardous waste generators which are or are proposed to be EPA-enforced Superfund sites. No sites were listed within a 1-mile radius.

Mr. Ron Clawson of the RWQCB, was contacted regarding the groundwater conditions in the vicinity of the subject site. According to Mr. Clawson, first groundwater typically occurs approximately 30 to 50 feet below ground surface in this area. The groundwater gradient appears to be to the northwest according to monitoring well data.

TRC consulted the DHS Abandoned Sites List which provides information concerning past and present potential hazardous waste sites that could be considered potential State Bond Expenditure Plan sites. This list was generated in the early and mid 1980's by conducting very general overviews of sources which include the phone books. Consequently, this list is not considered as an accurate final source of information but as a preliminary first review. No sites were identified on this list as being within a 1-mile radius of the subject property.

3.0 SITE RECONNAISSANCE

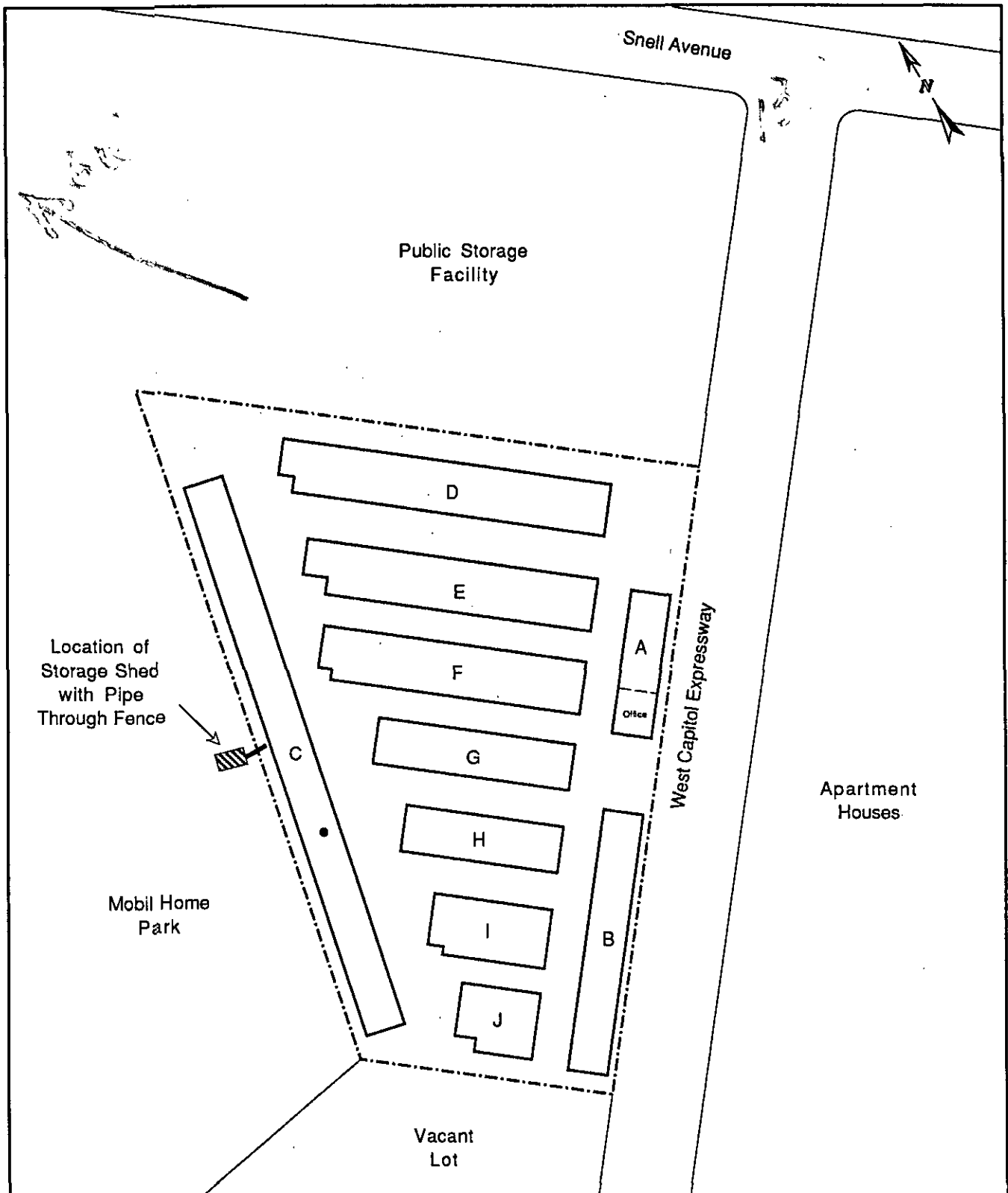
On February 21, 1990, TRC personnel visited the subject property. The site is located on the north side of West Capitol Expressway near Snell Avenue in San Jose, California. Another Public Storage facility is located next door to the subject property on the northeast side. The area surrounding the subject property includes the trailer park to the north, an empty lot to the southwest and apartment houses to the south (Figure 2).

The subject property is flat and sloped toward several storm drains on the perimeter driveways. The subject property consists of 10 storage buildings of concrete walls and wood framed roofs. All of the buildings are built on concrete foundations and include no subsurface structures or basements. Most of the subject property is surfaced with asphalt. Therefore, any soil staining or discoloration could not be observed in these areas.

Exposed soil with some vegetation was observed on the sides and back of Building C. TRC personnel noted the presence of a 2 inch PVC waste pipe protruding through the wooden fence in back of Building C. The pipe is apparently designed to drain wastewater onto the subject property from the neighboring property (see Figure 3). No liquid was observed coming out of the pipe. However, the soil near the outlet of the pipe was discolored to a light gray color. It appeared that the pipe had discharged liquids onto the subject property in the past. The pipe appears to originate in a small metal storage shed on the trailer park site. The trailer park is only open to residents and guests so no attempt could be made to find out the address of the discharger.

The manager's apartment contained plaster walls and ceilings and carpeted floors. A small amount of floor tiling (less than 50-square feet) was present in the bathroom.

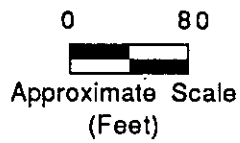
Observation of neighboring properties revealed no visual indication of soil staining. No electrical transformers were identified on the subject property. No other potential environmental hazards, such as unusual stains or stored hazardous materials were observed on or immediately adjacent to the subject property.



EXPLANATION

--- Property Boundary (Fence Line)

• Asbestos Sampling Location

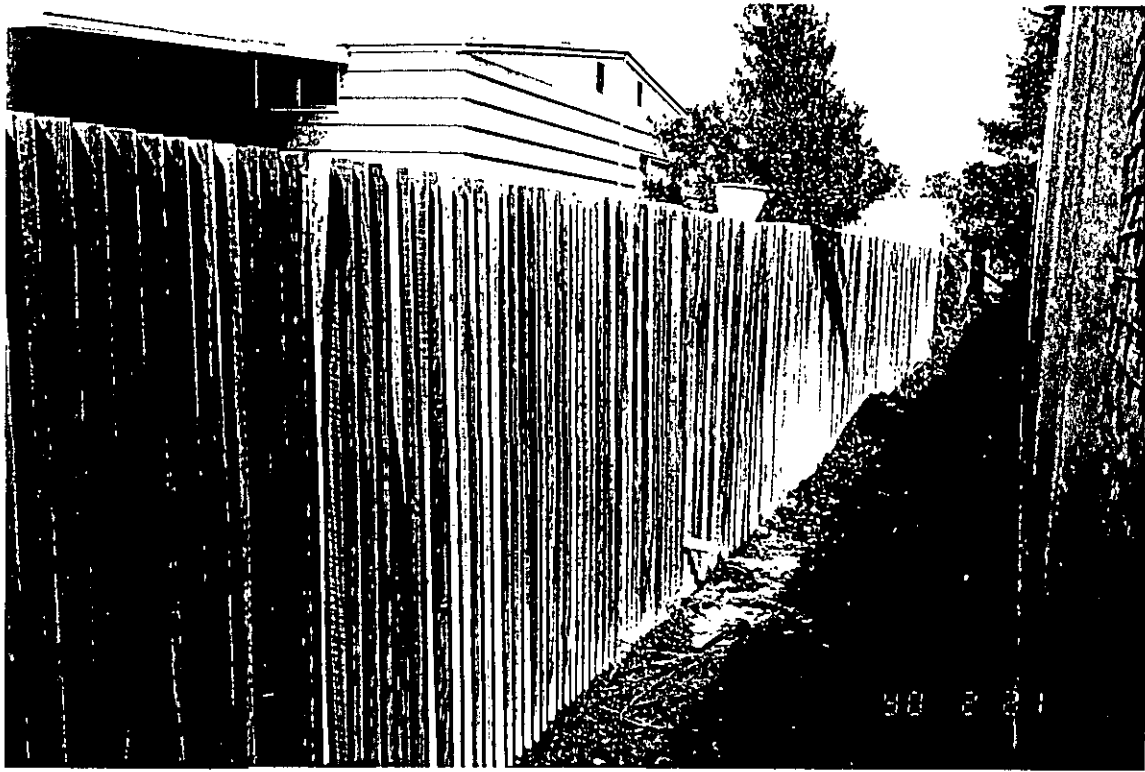


SCHEMATIC PLOT PLAN

231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA

7013-P23-00

FIGURE 2



EXPLANATION

PVC Pipe Through Fence

PHOTO LOG

231 WEST CAPITOL EXPRESSWAY
SAN JOSE, CALIFORNIA

7013-P23-00

FIGURE 3

4.0 ASBESTOS INVESTIGATION

During the site walk-over TRC personnel collected a bulk material sample from the roof to be analyzed for the presence of asbestos-containing material. No other ACM, such as transite board, sprayed-on ceiling material or sprayed-on fireproofing was observed in the buildings.

The sample was analyzed by the TRC Asbestos Laboratory in East Hartford, Connecticut, using polarized light microscopy (PLM) coupled with dispersion staining to identify each constituent. The TRC laboratory is certified by the Environmental Protection Agency (EPA), the State of Connecticut Department of Health Services, and the American Industrial Hygiene Association (AIHA) in asbestos analysis. No asbestos was detected in the bulk sample collected from the roof of Building C. The location of the bulk sample collected from the Building C is shown in Figure 2. Laboratory analysis and accompanying Chain-of-Custody documentation is attached in the Appendix.

5.0 SUMMARY AND CONCLUSIONS

During the preliminary environmental assessment of the Public Storage mini-warehouse facility located at 231 W. Capitol Expressway, San Jose, California, TRC performed a site history survey using aerial photographs, performed a site inspection, collected one bulk material sample for asbestos analysis, contacted local regulatory agencies, and reviewed regulatory agency documents. Based on the results of this preliminary environmental assessment, the only environmental concern appears to be the apparent discharge of waste liquid onto the subject property behind Building C and the associated soil staining. TRC recommends soil samples be collected at this location and analyzed for metals and pesticides. The discharge pipe should be removed from the site after the results of laboratory analyses are received and reviewed. *DONE*

Of the sites with potential environmental problems that are located within a mile of the subject property, none are expected to cause an environmental concern at the subject property.

The surface inspection of the subject property and surrounding land use did not indicate any other environmental problems. Furthermore, the historical aerial photograph review and a title search did not reveal any environmental problems.

An asbestos survey of the buildings on the subject property did not revealed any suspect asbestos containing building materials. A bulk asbestos sample was taken of the roofing material on the buildings. Laboratory analysis did not reveal any asbestos in the roofing materials.

APPENDIX
(CHAIN-OF-CUSTODY DOCUMENTATION)
AND
(ASBESTOS RESULTS)

Log No. 8931

TRC Environmental Consultants, Inc.
800 Connecticut Blvd.
E. Hartford, CT 06108
Connecticut Laboratory
Certification No. PH 0426

Client Public Storage

Address _____

California

Date Recd. 3/7/90 Date Analyzed 3/7/90

ANALYST(S) :

Lance Cotton _____
(print) (print)

Project No. 7013-P23

Lance Cotton _____
(signature) (signature)

Field ID PA-1 Ref # A-1A/LRC Asbestos Present no

Homogenous Y Multi-layered N Layer # _____ Color black

Type of Asbestos & % : ndc 1%

Other Fibrous Materials & % : cellulose 2%, fiberglass 25%

% Matrix Material & Type : NSPM & crystalline 73%

Field ID VA-1 Ref # A-95/LRC Asbestos Present no

Homogenous Y Multi-layered N Layer # _____ Color black

Type of Asbestos & % : ndc 1%

Other Fibrous Materials & % : fiberglass 10%

% Matrix Material & Type : NSPM & crystalline 90%

Field ID P.B-1 (wall) Ref # A-45/LRC Asbestos Present yes

Homogenous Y Multi-layered N Layer # _____ Color white/gray

Type of Asbestos & % : Chrysotile 70%

Other Fibrous Materials & % : _____

% Matrix Material & Type : NSPM & crystalline 30%

TRC Environmental Consultants, Inc.

Field ID PS-2 (roof) Ref # A-15/KAC Asbestos Present no
 Homogenous Y Multi-layered N Layer # Color black
 Type of Asbestos & % : ndc 10%
 Other Fibrous Materials & % : fiberglass 15%
 % Matrix Material & Type : NSPM & crystalline 85%

Field ID PS-3 (ceiling) Ref # A-16/KAC Asbestos Present no
 Homogenous Y Multi-layered N Layer # Color black
 Type of Asbestos & % : ndc 10%
 Other Fibrous Materials & % : fiberglass 10%
 % Matrix Material & Type : NSPM & crystalline 90%

Field ID PS-4 (Marbury) Ref # A-16/KAC Asbestos Present no
 Homogenous Y Multi-layered N Layer # Color black
 Type of Asbestos & % : ndc 10%
 Other Fibrous Materials & % : fiberglass 20%
 % Matrix Material & Type : NSPM & crystalline 80%

Field ID Ref # Asbestos Present
 Homogenous Multi-layered Layer # Color
 Type of Asbestos & % :
 Other Fibrous Materials & % :
 % Matrix Material & Type :

METHOD: 40 CFR
 Interim Method of the Determination of
 Asbestos in Bulk Insulation Samples



March 30, 1990

Mr. Jim White
Public Storage, Inc.
700 N. Central Avenue, Suite 300
Glendale, Ca 91203

RE: Results of Soil Sampling at 231 W. Capitol Expressway, San Jose, CA
Public Storage Project No. 00616
TRC Project No. 7013-P73-00

Dear Jim:

On March 13, 1990, TRC Environmental Consultants, Inc. (TRC) collected a shallow soil sample on the above referenced property to assess possible soil contamination resulting from a discharge pipe discovered during our initial Phase I Environmental Assessment of the property. The original site walk-over on the site was performed on February 21, 1990. During that visit, a 2-inch PVC pipe was found protruding from the neighboring property through the wooden fence in back of one of the mini-storage buildings. No liquid was observed coming out of the pipe, however, the ground beneath the pipeline was discolored to a light gray color.

To assess the possibility of soil contamination, TRC collected a shallow soil sample directly beneath the exposed pipe. The PVC pipe was located approximately 1 foot above ground surface and during soil sampling was observed to be dry. The discolored soil extended away from the pipe in a 2-foot radius. The discolored soil contained a fine white dust from the surface to approximately 8 inches below the surface. The sample was composited from the surface to a depth of 1 foot.

The sample was sealed in a glass jar, placed on ice and transported to Curtis and Tompkins, Ltd, a California certified laboratory, using standard chain-of-custody procedures. The sample was analyzed for CAM metals and Pesticides and PCB's using EPA method 8080. Laboratory results and chain-of-custody documentation is included as an Attachment to this letter.

The results of laboratory analyses indicate that DDE, a pesticide associated with DDT, was detected at 19 parts per billion (ppb). This may be residual in the soil from past usage of the property and may not be associated with the effluent from the pipe. The level of DDE is also below the California Maximum Contaminant Level (MCL) for this substance. Of the 17 metals analyzed for, only two were detected at levels exceeding typical background levels for soil. Cadmium was detected at 2.1 parts per million (ppm) while the normal level in soils ranges from 0.01 to 0.7 ppm. Zinc was also detected at 2,100 ppm, a level considerably higher than the normal range of 10 to 300 ppm. Although these metals were above natural levels in soils, they were also below the California MCL's for these metals.

Mr. Jim White
Page 2
March 30, 1990

TRC recommends that Public Storage personnel contact the local health department and request that an inspector be sent to the adjoining trailer park to visually inspect the source of discharge from the pipeline. It is recommended that both a Public Storage representative and TRC personnel be present during the inspection. Once the source of the discharge is determined, a recommendation of how to proceed with any further assessment (if any) can be made.

If you have any questions or need further information, please call us at (714) 581-6860.

Very truly yours,

TRC ENVIRONMENTAL CONSULTANTS, INC.

Patricia D. Royalty
Patricia D. Royalty
Principal Consulting Hydrogeologist

Anthony F. Severini
Anthony F. Severini, R. G.
Vice President and Manager
Hazardous Waste Services

Attachment



TRC

ATTACHMENT

LABORATORY RESULTS AND CHAIN-OF CUSTODY DOCUMENTATION



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (415) 486-0900

DATE RECEIVED: 03/13/90

DATE REPORTED: 03/26/90

PAGE 1 OF 3

LAB NUMBER: 19882


CLIENT: TRC ENVIRONMENTAL CONSULTANTS

REPORT ON: 1 SOIL SAMPLE

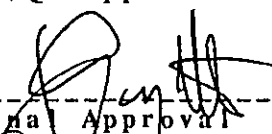
PROJECT #: 7013-P23

LOCATION: PUBLIC STORAGE-CAPITOL/SAN JOSE

RESULTS: SEE ATTACHED



QA/QC Approval



Final Approval

LABORATORY NUMBER: 19882-1
 CLIENT: TRC ENVIRONMENTAL CONSULTANTS
 PROJECT #: 7013-P23
 SAMPLE ID: PCS-1

DATE RECEIVED: 03/13/90
 DATE ANALYZED: 03/14/90
 DATE REPORTED: 03/26/90
 PAGE 2 OF 3

Title 26 Metals in Soils & Wastes
 Digestion Method: EPA 3050

METAL	RESULT mg/Kg	DETECTION LIMIT mg/Kg	METHOD
Antimony	ND	5.0	EPA 6010
Arsenic	ND	2.5	EPA 6010
Barium	140	0.50	EPA 6010
Beryllium	ND	0.50	EPA 6010
Cadmium	2.1	0.50	EPA 6010
Chromium (total)	85	0.50	EPA 6010
Cobalt	15	0.50	EPA 6010
Copper	73	1.0	EPA 6010
Lead	130	2.5	EPA 6010
Mercury	0.22	0.10	EPA 7471
Molybdenum	ND	0.50	EPA 6010
Nickel	190	0.50	EPA 6010
Selenium	ND	2.5	EPA 6010
Silver	ND	1.0	EPA 6010
Thallium	ND	5.0	EPA 7841
Vanadium	17	1.0	EPA 6010
Zinc	2,100	0.50	EPA 6010

ND = Not Detected

QA/QC SUMMARY

	%RPD	%RECOVERY		%RPD	%RECOVERY
Antimony	<1	97	Mercury	6	109
Arsenic	<1	95	Molybdenum	<1	95
Barium	1	101	Nickel	<1	100
Beryllium	<1	99	Selenium	<1	104
Cadmium	1	91	Silver	<1	99
Chromium	1	99	Thallium	2	99
Cobalt	<1	100	Vanadium	1	95
Copper	1	101	Zinc	<1	100
Lead	4	99			

LABORATORY NUMBER: 19882-1
 CLIENT: TRC ENVIRONMENTAL CONSULTANTS
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 DATE REPORTED: 03/26/90
 PAGE 3 OF 3

EPA 8080: Organochlorine Pesticides and PCBs in Soils & Wastes
 Extraction Method: EPA 3550

COMPOUND	RESULT ug/Kg	QUANTITATION LIMIT ug/Kg
alpha - BHC	ND	13
beta - BHC	ND	13
gamma - BHC	ND	13
delta - BHC	ND	13
Heptachlor	ND	13
Aldrin	ND	13
Heptachlor Epoxide	ND	13
Endosulfan I	ND	13
Dieldrin	ND	13
4,4' -DDE	19	13
Endrin	ND	13
Endosulfan II	ND	13
Endosulfan Sulfate	ND	13
4,4' -DDD	ND	13
Endrin Aldehyde	ND	13
4,4' -DDT	ND	13
Chlordane	ND	130
Methoxychlor	ND	130
Toxaphene	ND	250
Aroclor 1016	ND	130
Aroclor 1221	ND	130
Aroclor 1232	ND	130
Aroclor 1242	ND	130
Aroclor 1248	ND	130
Aroclor 1254	ND	130
Aroclor 1260	ND	130

ND = Not detected at or above quantitation limit.

QA/QC SUMMARY:

Duplicate: Relative % Difference 5
 Average Spike Recovery % 105

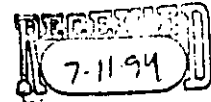


ENSR Consulting
and Engineering

1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577

July 7, 1994

Mr. Hugh Horne
Public Storage, inc.
600 N. Brand Boulevard, Suite 300
Glendale, CA 91203-5050



RE: 5555-180-810
Subject: Phase II Recommendations and Cost Estimates

Dear Mr. Horne:

The attached table summarizes the recommendations of ENSR's Phase I Environmental Assessments of the 63 Public Storage properties nationwide. We hope that this table will assist you in planning future activities.

The range of costs and the time to complete the tasks described on the table are estimates for planning and budgeting purposes and based on ENSR's past experience with similar projects. Where agency file reviews are required, we have attempted to anticipate the timing requirements if the applicable agencies. Where subsurface investigations or soil sampling activities are recommended, the costs and timing are based on normal laboratory turnaround time of two weeks. It should also be noted that actual schedules will be dependent upon available resources. Where tasks can be grouped and completed at the same time, it is expected that the costs to complete those tasks would be reduced. Upon your request, ENSR can prepare a detailed cost estimate and schedule for any and all tasks.

As you have noticed, sampling of suspect asbestos-containing materials (ACM) was recommended. This recommendation is provided for properties in which damaged, friable potential ACM was observed by assessors. Where materials were observed to be in good condition, no sampling was recommended.

It is important to note that Phase II work activities may warrant additional investigations in order to characterize the condition of the sites.



July 7, 1994
Mr. Hugh Horne
Page 2

ENSR appreciates the opportunity to serve Public Storage. Please feel free to call either of the undersigned if you have any questions or need further information.

Sincerely,

A handwritten signature in cursive script that reads "Diane Henry".

Diane Henry
Environmental Analyst

A handwritten signature in cursive script that reads "Richard A. Simon".

Richard A. Simon
Regional Program Manager

Phase II Recommendations and Cost Estimates

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00610	1761 Adrian Road Burlingame, CA	5555-180-610	NFA	--	---
00727	17316-17326 Edwards Road Cerritos, CA	5555-180-727	Review agency file for LUST site	500-1,000	4 weeks
00603	12302 Bellflower Boulevard Downey, CA	5555-180-603	NFA	---	---
00615	13822 E. Valley Boulevard La Puente, CA	5555-180-615	Monitor NPL activities Additional historical research	500-1,000	---
00733	3636 Beverly Boulevard Los Angeles, CA	5555-180-733	Survey and sample potential ACM Review agency files for LUST sites	3,000-7,500	---
00612	640 San Pablo Ave. Pinole, CA	5555-180-612	NFA	---	---
00736	398 Carlson Boulevard Richmond, CA	5555-180-736	Further historical research	500-1,000	1 week
00614	1395 Mabury Road San Jose, CA	5555-180-614	Investigate former onsite UST	1,000-7,500	3 weeks
00616	231 Capitol Expressway San Jose, CA	5555-180-616	Additional research and/or one soil sample	500-1,500	3 weeks
00613	5005 Firestone Place South Gate, CA	5555-180-616	Further historical research	500-1,000	1 week
00604	107 Lincoln Road West Vallejo, CA	5555-180-604	Obtain monitoring well data and/or sample monitoring well	500-1,000	3 weeks
00729	1080 E. Altamonte Springs Drive Altamonte Springs, FL	5555-180-729	Review agency file for LUST site Sample potential ACM	800-1,500	2 weeks

Phase II Recommendations and Cost Estimates (Page 2)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00712	1500 North State Road 7 Lauderhill, FL	5555-180-712	Review agency file for adjacent LUST site Sample potential ACM	800-1,500	2 weeks
00611	16970 NW 4th Ave. Miami, FL	5555-180-611	Sample potential ACM	300-500	2 weeks
00619	21288 Biscayne Boulevard Miami, FL	5555-180-619	Sample potential ACM	300-500	2 weeks
00704	18450 NE 5th Ave. Miami, FL	5555-180-704	Review agency files for LUST sites Sample potential ACM	800-1,500	2 weeks
00713	271 Blanding Boulevard Orange Park, FL	5555-180-713	Review agency files and/or contact responsible party for LUST site Sample potential ACM	800-1,500	2 weeks
00711	1801 W. Oak Ridge Road Orlando, FL	5555-180-711	Sample potential ACM	300-500	2 weeks
00702	1400 34th St. South, St. Petersburg, FL	5555-180-702	Cease onsite auto repair activities Sample potential ACM	300-500	2 weeks
00714	4500 34th St. North, St. Petersburg, FL	5555-180-714	Monitor adjacent site activities Sample potential ACM	300-500	2 weeks
00609	5014 S. Dale Mabry Highway Tampa, FL	5555-180-609	Sample potential ACM	300-500	2 weeks
00601	3687 Flat Shoals Road Decatur, GA	5555-180-601	Sample potential ACM	300-500	2 weeks
00602	5301 S. Cobb Drive Smyrna, GA	5555-180-602	Sample potential ACM	300-500	2 weeks
00620	4430 N. Clark St. Chicago, IL	5555-180-620	Conduct subsurface UST investigation Sample potential ACM	3,500-8,000	3 weeks

Phase II Recommendations and Cost Estimates (Page 3)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00730	17204 S. Halsted St. East Hazel Crest, IL	5555-180-730	NFA	---	---
00732	297 W. Lake Frontage Road Elmhurst, IL	5555-180-732	NFA	---	---
00706	2626 W. Jefferson St. Joliet, IL	5555-180-706	NFA	---	---
00720	3835 W. 159th Place Markham, IL	5555-180-720	NFA	---	---
00621	1385 Durddee Road Palatine, IL	5555-180-621	Determine extent of affected soil	3,000-7,000	3 weeks
00707	3760 Pennridge Drive Bridgeton, MO	5555-180-707	NFA	---	---
00716	13620 East 42nd Terrace Independence, MO	5555-180-716	NFA	---	---
00715	11580 Page Service Drive St. Louis, MO	5555-180-715	NFA	---	---
00717	6 Dobbs Lane Cherry Hill, NJ	5555-180-717	NFA	---	---
00718	2130 Route 130 Edgewater Park, NJ	5555-180-718	NFA	---	---
00734	2629 Brunswick Ave. Lawrenceville, NJ	5555-180-734	NFA	---	---
00623	3671 Sheridan Drive Anherst, NY	5555-180-623	Review agency files for subject site	0-1,000	2 weeks (information was requested on May 19, 1994)

Phase II Recommendations and Cost Estimates (Page 4)

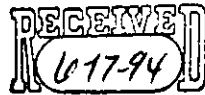
Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00737	7345 Oswego Road Liverpool, NY	5555-180-737	NFA	---	---
00738	1693 East Ave. Rochester, NY	5555-180-738	Conduct a subsurface investigation	3,000-10,000	3 weeks
00622	4871 Transit Road Williamsville, NY	5555-180-622	Review agency file for LUST site	500-1,000	4 weeks
00719	6500 S.W. 110th Court Beaverton, OR	5555-180-719	NFA	---	---
00617	11800 S.E. 40th St. Milwaukie, OR	5555-180-617	NFA	---	---
00624	4160 S.E. International Way Milwaukie, OR	5555-180-624	NFA	---	---
00728	4040 S.E. International Way Milwaukie, OR	5555-180-728	NFA	---	---
00618	6525 N. Lombard St. Portland, OR	5555-180-618	NFA	---	---
00701	13515 N.E. Prescott Court Portland, OR	5555-180-701	NFA	---	---
00708	7402 S.E. 92nd Ave. Portland, OR	5555-180-708	NFA	---	---
00722	1921 N. Gantenbein Ave. Portland, OR	5555-180-722	NFA	---	---
00723	4021 Market St. Aston, PA	5555-180-723	NFA	---	---

Phase II Recommendations and Cost Estimates (Page 5)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00703	11020 Audelia Road Dallas, TX	5555-180-703	NFA	---	---
00726	11020 Audelia Road, Suite B203 Dallas, TX	5555-180-726	NFA	---	---
00724	8400 W. Highway 80 Fort Worth, TX	5555-180-724	NFA	---	---
00705	1408 N.W. 19th St. Grand Prairie, TX	5555-180-705	Identify source of leak Sample potential ACM	300-500	2 weeks
00709	11770 S.W. Freeway Houston, TX	5555-180-709	Plug hole	50-100	1 week
00721	14050 N.W. Freeway Houston, TX	5555-180-721	Plug/abandon onsite well	1,000-2,000	1 month
00739	1507 East Beltway 8 Pasadena, TX	5555-180-739	Review agency file for LUST site Sample potential ACM	1,000-1,500	2 weeks
00608	34701 Pacific Highway S. Federal Way, WA	5555-180-608	NFA	---	---
00606	25700 Pacific Highway S. Kent, WA	5555-180-606	Monitor NPL activities	---	---
00607	724 Eighth St. Kirkland, WA	5555-180-607	NFA	---	---
00605	5200 180th St. Lynnwood, WA	5555-180-605	Managers should monitor for onsite discharges. If discharging continues, sampling may be required.	---	---
00735	901 Rainier Ave. N. Renton, WA	5555-180-735	Determine contents of vaults	---	Pending

Phase II Recommendations and Cost Estimates (Page 6)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions	Estimated Cost (\$)	Estimated Time to Complete Phase II Recommendations
00731	7133 Delridge Way S.W. Seattle, WA	5555-180-731	Subsurface investigation at former UST location	3,000-7,000	3 weeks
00725	4750 S. 108th St. Greenfield, WI	5555-180-725	NFA	---	---
00710	8824 W. Brown Deer Road Milwaukee, WI	5555-180-710	Inspect transformer for signs of leakage. If leakage occurs, sample for PCB-content.	---	---
NFA ACM LUST NPL	= = = =		No Further Action Asbestos-Containing Material Leaking Underground Storage Tank National Priorities List		



00616

ENSR Consulting
and Engineering

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(805) 388-3775
FAX (805) 388-3577

June 15, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 North Brand Boulevard, Suite 300
Glendale, California 91203

Re: 5555-180-616

Subject: Additional Information Regarding Property at 231 West Capitol Expressway, San Jose, California

Dear Mr. Horne:

ENSR Consulting and Engineering is pleased to provide the additional information we received from the Santa Clara County Health Department and the San Jose Fire Department regarding the above-referenced site. This information was provided to ENSR in response to our request for information regarding hazardous materials incidents at the subject address, specifically in regard to the reported soil sampling that occurred on the north side of Building C approximately 1-1/2 to 2 years ago.

George Carson of the Santa Clara County Health Department stated that there is no file for the subject address. He suggested that we contact the San Jose Fire Department for assistance. Clare Owen, Inspector, Hazardous Materials Division, San Jose Fire Department responded to our request with a letter stating that the San Jose Fire Department does not have a file for the subject address.

This additional information does not change our original recommendation as provided in our report dated May 24, 1994. Due to lack of information to the contrary, ENSR is of the opinion that the potential exists for an environmental liability to be affecting the subject site from this past incident. ENSR recommends the following course of action:

- Review Public Storage files to determine what agency conducted the referenced soil sampling and if sampling results and/or a site closure letter are available in the file. Permission of the property owner would typically be required before an agency could sample on a specific property.
- If no information is available in Public Storage files, conduct additional research of agencies that may have had jurisdiction over the sampling.



June 15, 1994
Mr. Hugh Horne
Page 2

ENSR appreciates the opportunity to continue to serve Public Storage, Inc. If you have any questions regarding this letter, please call either of the undersigned at (805) 388-3775.

Sincerely,

A handwritten signature in cursive script that reads "Linda Easter".

Linda Easter
Assessor

A handwritten signature in cursive script that reads "Richard A. Simon".

Richard A. Simon
Regional Program Manager



ENSR Consulting
and Engineering

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(805) 388-3775
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August 19, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 N. Brand Blvd., Suite 300
Glendale, CA 91203-5050

RE: 5555-185
Subject: Authorization to Perform Phase II Investigations

Dear Hugh:

Based on your verbal authorization, ENSR Consulting and Engineering is proceeding with the Phase II work for the following properties:

- 1395 Mabury Road, San Jose, California - 00614
- 231 Capitol Expressway, San Jose, California - 00616
- 107 Lincoln Road West, Vallejo, California - 00604

The Phase II work described herein addresses potential concerns raised during ENSR's Phase I Environmental Due Diligence Assessments of the properties completed earlier this year.

SCOPE OF WORK

1395 Mabury Road, San Jose, California - 00614

A 6,000-gallon underground storage tank (UST) was installed at the subject site in 1978 by Peninsula Crane and Rigging. No evidence was found to suggest that the UST was removed. During ENSR's investigation, no evidence of the location or former location of the UST was found. In an attempt to identify significant onsite contamination resulting from the UST, ENSR will perform a soil vapor survey which will include the following activities. It is important to note that this scope of work is not designed to determine the presence or absence of the UST, rather to assess potential contamination associated with the UST.

ENSR will prepare a site-specific Health and Safety Plan (HASP) to ensure the safety of all sampling personnel. This document will be used by field personnel to guide the field sampling activities. Prior to the start of sampling activities, a health and safety meeting will be held. During this meeting, ENSR will review the HASP with our selected soil vapor survey subcontractor to ensure that all safety concerns are addressed.

August 19, 1994
Mr. Hugh Horne
Page 2

Prior to field activities, ENSR personnel will notify Dig Alert so that utilities running up to the Public Storage facility can be marked. During the mobilization task, ENSR personnel will secure a soil vapor survey subcontractor, prepare field equipment, and arrange site access.

The soil vapor survey will provide data as to the presence of total petroleum hydrocarbons in the soil. The soil vapor survey will consist of collection of approximately 20 soil vapor samples across the site and the samples will be analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015 modified for gasoline and diesel in accordance with standard industry protocol. The analysis will be performed onsite using a mobile laboratory. This method will allow for immediate results. ENSR will subcontract these services and an ENSR geologist will provide oversight for soil vapor sampling activities.

A letter report of findings and conclusions will be prepared following the field work. Recommendations for further work, if warranted will also be included.

231 Capitol Expressway, San Jose, California - 00616

During the Phase I Due Diligence Assessment, it was noted that the adjacent property (a mobile home park) discharged wastewater onto the Public Storage site. The origin of the wastewater was not determined. According to the onsite managers, someone sampled the soil in the area but the results and the affiliation of the person who performed the sampling is unknown. To determine if the soil in the discharge location on the Public Storage property has been significantly impacted by volatile organic compounds and total recoverable petroleum hydrocarbons, ENSR will collect one soil sample from that location. The soil sample will be submitted to a California-certified laboratory to be analyzed using EPA Methods 8240 and EPA 418.1. Prior to the field work, a HASP will be prepared.

Upon ENSR's receipt of the analytical results, a letter report of findings, conclusions and recommendations, if warranted, will be prepared and submitted to Public Storage. Laboratory results should be available within two weeks of submittal to the laboratory.

107 Lincoln Road West, Vallejo, California - 00604

During ENSR's Phase I investigation, a groundwater monitoring well was noted on the Public Storage property. The well is likely associated with an investigation of an ARCO service station located nearby. No monitoring well data was available for review during ENSR's investigation. To determine if the groundwater in the location of the monitoring well has been impacted by petroleum hydrocarbons, ENSR will obtain a groundwater sample from the well and submit the sample to a California-certified laboratory to be analyzed using EPA

August 19, 1994
Mr. Hugh Horne
Page 3

Method 8015 modified for gasoline and diesel and benzene, toluene, ethyl benzene, and xylene using EPA Method 8020. Prior to sampling the well, a HASP will be prepared. In order to obtain a representative sample of groundwater, three well volumes of water will be bailed from the well. The water will be placed in a 55-gallon drum and stored onsite. Following the analysis of the groundwater sample submitted to the laboratory, a determination may be made as to the appropriate disposal method for the purged water. The cost for disposal of the purged water is not included in the cost estimate provided below.

It is estimated that it will take up to two weeks to obtain laboratory results. Upon ENSR's receipt of the results, a letter report including findings, conclusions and recommendations, if warranted, will be prepared and submitted to Public Storage. It should be noted that if there is a lock on the monitoring well cap, ENSR will cut the lock and replace the lock with a new lock. A copy of the key will be given to the onsite manager.

SCHEDULE AND COST

ENSR has scheduled the field work for Monday and Tuesday, August 22 and 23, 1994. ENSR will provide verbal findings with regard to the soil vapor survey to Public Storage following the field work. Upon ENSR's receipt of the subcontractor's soil vapor survey report, a letter report will be prepared and submitted to Public Storage. ENSR estimates completing report within two weeks of the field activities. The letter reports for the soil and groundwater sampling will be prepared and submitted to Public Storage following ENSR's receipt of the laboratory data. It is estimated that it will take two to three weeks to complete the letter reports following the field activities.

ENSR will perform this work on a Time and Materials basis in accordance with the "Master" terms as negotiated between Public Storage and ENSR. ENSR will use field rates for the field work and reduce our mark-up on other direct costs to 10 percent for this project. The total estimated cost is \$8,000.



August 19, 1994
Mr. Hugh Horne
Page 4

To confirm your verbal authorization to perform this work, please sign in the space provided below and return the signature page by fax to ENSR to my attention. If you have any questions or comments, please give either of the undersigned a call.

Sincerely,

Michael Daniel
Project Geologist

Diane Henry
Environmental Analyst

PUBLIC STORAGE, INC.

Signature:

Name:

Title:

Date:



ENSR Consulting
and Engineering

1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577

September 26, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 N. Brand Blvd., Suite 300
Glendale, California 91203-5050

Re: 5555-185-616

Subject: Letter Report for the Soil Sampling Conducted at the Public Storage Facility, No. 00616, Located at 231 West Capitol Expressway, San Jose, California.

Dear Mr. Horne:

ENSR Consulting and Engineering is pleased to present this letter report documenting the results of the soil sampling conducted at the Public Storage facility located at 231 West Capitol Expressway, San Jose, California on September 9, 1994. The soil sampling was performed based on the recommendations presented in ENSR's Phase I Due Diligence Assessment (ENSR Document No. 5555-180-616). This letter report includes discussions of the field procedure used to complete the scope of work, results of the soil sampling, and conclusions and recommendations based on those results.

The Phase I investigation revealed that a hose from an adjoining trailer park was discharging unknown liquid onto the northern property boundary. According to the property manager of this facility, the soil was sampled several years ago, however the results of the analysis of that sampling event were not available. The discharge of the unknown liquid to the Public Storage property has since ceased.

Field Procedures

The location of the discharge of the unknown liquid was identified by the property manager. The area of soil to be sampled displayed a white stain of approximately one square foot. Using a precleaned hand auger, a hole was bored to approximately one foot below ground surface. A soil sample was collected by using a hand driven soil sampler containing one precleaned brass sleeve insert. The soil sample was covered with teflon sheets, capped with polyethylene end caps, labeled, logged on a chain of custody form, and stored in an

September 26, 1994
Mr. H. Horne
Page 2

ice chest maintained at approximately 4°C pending delivery to a state certified hazardous waste testing laboratory.

Analytical Results

The soil sample was delivered to National Environmental Testing, Inc (NET), a state certified hazardous waste testing laboratory, to be analyzed for total recoverable petroleum hydrocarbons (TRPH) using EPA Method 418.1 and volatile organic compounds (VOC) using EPA Method 8240. Analytical results indicate VOCs were not detected at or above the method detection limit. Analytical results indicate 18 mg/Kg TRPH was detected in the soil.

A copy of the laboratory analytical results are attached to this letter report.


Conclusions and Recommendations

TRPH concentrations in the soil are extremely low and most likely represent background concentrations for TRPH in the soil for this area. The most likely source of the fluids was the discharge of waste water from a washing machine. The white staining is most likely the result of detergent discharged with the waste water. ENSR recommends no further investigation is required for this area of the facility at this time.

ENSR appreciates the opportunity to be of service to your company. If you have any questions regarding this report, please call me or Mike Daniel at (805) 388-3775.

Sincerely,


Diane Henry
Project Manager


Michael L. Daniel
Project Geologist

Attachments



Client Name: ENSR

Client Ref.: Public Storage #5555-187-614

Date Taken: 09/09/1994

NET Job No.: 94.01674

Date Reported: 09/19/1994

Sample ID : CE-1

Lab No. : 69451

Sample Matrix: SOIL

ANALYTES/METHOD	METHOD	RESULTS/FLAGS	UNITS	REPORTING LIMIT
Method 418.1 (IR,TRPH)	418.1	18	mg/Kg	10

ND: Not Detected at the Reporting Limit, if a dilution factor is reported the R.L. must be multiplied by the dilution factor to obtain actual R.L.



Client Name: ENSR

Client Ref.: Public Storage #5555-187-614

Date Taken: 09/09/1994

NET Job No.: 94.01674

Date Reported: 09/19/1994

Sample ID : CE-1

Lab No. : 69451

Sample Matrix: SOIL

ANALYTES/METHOD	METHOD	RESULTS/FLAGS	UNITS	REPORTING LIMIT
METHOD 8240(GCMS,Solid)				
Extraction Method		5030		
Date Extracted		09-13-94		
Date Analyzed		09-13-94		
Dilution Factor	8240	1		
Acetone	8240	ND	ug/Kg	50
Benzene	8240	ND	ug/Kg	5
Bromodichloromethane	8240	ND	ug/Kg	5
Bromoform	8240	ND	ug/Kg	5
Bromomethane	8240	ND	ug/Kg	5
2-Butanone	8240	ND	ug/Kg	50
Carbon disulfide	8240	ND	ug/Kg	5
Carbon tetrachloride	8240	ND	ug/Kg	5
Chlorobenzene	8240	ND	ug/Kg	5
Chloroethane	8240	ND	ug/Kg	5
2-Chloroethyl vinyl ether	8240	ND	ug/Kg	10
Chloroform	8240	ND	ug/Kg	5
Chloromethane	8240	ND	ug/Kg	5
Dibromochloromethane	8240	ND	ug/Kg	5
1,2-Dichlorobenzene	8240	ND	ug/Kg	5
1,3-Dichlorobenzene	8240	ND	ug/Kg	5
1,4-Dichlorobenzene	8240	ND	ug/Kg	5
1,1-Dichloroethane	8240	ND	ug/Kg	5
1,2-Dichloroethane	8240	ND	ug/Kg	5
1,1-Dichloroethene	8240	ND	ug/Kg	5
cis-1,2-Dichloroethene	8240	ND	ug/Kg	5
trans-1,2-Dichloroethene	8240	ND	ug/Kg	5
1,2-Dichloropropane	8240	ND	ug/Kg	5
cis-1,3-Dichloropropene	8240	ND	ug/Kg	5
trans-1,3-Dichloropropene	8240	ND	ug/Kg	5
Ethyl benzene	8240	ND	ug/Kg	5
2-Hexanone	8240	ND	ug/Kg	50
Methylene chloride	8240	ND	ug/Kg	10
4-Methyl-2-pentanone	8240	ND	ug/Kg	50
Styrene	8240	ND	ug/Kg	5
1,1,2,2-Tetrachloroethane	8240	ND	ug/Kg	5
Tetrachloroethene	8240	ND	ug/Kg	5
Toluene	8240	ND	ug/Kg	5
1,1,1-Trichloroethane	8240	ND	ug/Kg	5
1,1,2-Trichloroethane	8240	ND	ug/Kg	5
Trichloroethene	8240	ND	ug/Kg	5
Trichlorofluoromethane	8240	ND	ug/Kg	5
Vinyl acetate	8240	ND	ug/Kg	10
Vinyl chloride	8240	ND	ug/Kg	5
Xylenes (total)	8240	ND	ug/Kg	5

ND: Not Detected at the Reporting Limit, if a dilution factor is reported the R.L. must be multiplied by the dilution factor to obtain actual R.L.



Client Name: ENSR
Client Ref.: Public Storage #5555-187-614
Date Taken: 09/09/1994
NET Job No.: 94.01674
Date Reported: 09/19/1994
Sample ID : CE-1
Lab No. : 69451
Sample Matrix: SOIL

ANALYTES/METHOD	METHOD	RESULTS/FLAGS	UNITS	REPORTING LIMIT
SURROGATE RESULTS				
Toluene-d8	8240	102	% Rec.	
Bromofluorobenzene	8240	94	% Rec.	
1,2-Dichloroethane-d4	8240	104	% Rec.	

ND: Not Detected at the Reporting Limit, if a dilution factor is reported the R.L. must be multiplied by the dilution factor to obtain actual R.L.

94.01674

CHAIN OF CUSTODY RECORD

Client/Project Name Public Storage		Project Location SAN JOSE, Ca.		ANALYSES		REMARKS * 7:20 Board ok * 9/15/94 * 9/15/94
Project No. 5555-187-614		Field Logbook No.		EPA 8240 EPA 8020 EPA 7121 EPA 815 (nd. gas) (d) *		
Sampler: (Signature) <i>Michael R. Davis</i>		Chain of Custody Tape No.		EPA 418.1		Hold
Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample		
SB-1-5	9-9-94	0925			X	
SB-1-10	9-9-94	0935			X	
SB-1-15	9-9-94	0940			X	
CE-1	9-9-94	1341			X	
Relinquished by: (Signature) <i>Michael R. Davis</i>	Date 9-12-94	Time 1100	Received by: (Signature) <i>[Signature]</i>	Date 9-12-94	Time 1100	
Relinquished by: (Signature) <i>[Signature]</i>	Date 9-12-94	Time 12:00	Received by: (Signature) <i>[Signature]</i>	Date 9-12-94	Time 12:00	
Relinquished by: (Signature) <i>[Signature]</i>	Date	Time	Received for Laboratory: (Signature) <i>[Signature]</i>	Date 9-12-94	Time 1:05 pm	
Sample Disposal Method:			Disposed of by: (Signature) <i>[Signature]</i>			
SAMPLE COLLECTOR ENSR Consulting and Engineering 1220 Avenida Acaso Camarillo, Ca. 93010 (805) 388-3775		ANALYTICAL LABORATORY NET		6.3°C		ENSR
						No. 2825



Post-it™ Fax Note	7671	Date	8/12/94 pages 1
To	Hugh Horne	From	Diane Henry
Co./Dept	P. S.	Co.	ENSR
Phone #	5555-185-810	Phone #	
Fax #		Fax #	

ENSR Consulting
and Engineering

1220 Avenida Araso
Camarillo, CA 93012
(805) 388-3575
FAX (805) 388-3577

August 12, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 N. Brand Blvd., Suite 300
Glendale, CA 91203-5050

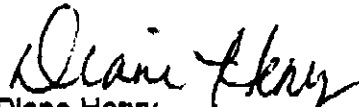
RE: 5555-185
Subject: Status of Phase II Work

Dear Hugh:

The attached table provides a summary of the current status of the Phase II work associated with the PSP VI and VII properties. Please note that a few of the actions require additional information from Public Storage (See Public Storage Project Nos. 00614, 00604, 00621, and 00721).

ENSR appreciates the opportunity to continue to be of service to Public Storage. Please call me if you have any questions or comments.

Sincerely,


Diane Henry
Environmental Analyst

Phase II Status (Page 1)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions
00610	1761 Adrian Road Burlingame, CA	5555-180-610	NFA
00727	17316-17326 Edwards Road Cerritos, CA	5555-180-727	NFA
00603	12302 Bellflower Boulevard Downey, CA	5555-180-603	NFA
00615	13822 E. Valley Boulevard La Puente, CA	5555-180-615	Monitor NPL activities Additional historical research - COMPLETE; NFA; LETTER TO BE SENT TO PUBLIC STORAGE THIS WEEK
00733	3636 Beverly Boulevard Los Angeles, CA	5555-180-733	Survey and sample potential ACM - NOT A PART OF THIS PHASE II WORK AT THIS TIME Review agency files for LUST sites - COMPLETED; POTENTIAL FOR CONTAMINATION TO IMPACT THE SUBJECT SITE; PUBLIC STORAGE TO MONITOR OFFSITE SOURCES TO ASSURE CLEANUP IS PERFORMED
00612	640 San Pablo Ave. Pinole, CA	5555-180-612	NFA
00736	398 Carlson Boulevard Richmond, CA	5555-180-736	NFA
00614	1395 Mabury Road San Jose, CA	5555-180-614	Investigate former onsite UST - PUBLIC STORAGE TO SEND SITE FILES FOR ENSR TO REVIEW
00616	231 Capitol Expressway San Jose, CA	5555-180-616	Additional research and/or one soil sample - TO BE COMPLETED IN COORDINATION WITH THE MABURY ROAD, SAN JOSE AND LINCOLN ROAD, VALLEJO FIELD WORK.
00613	5005 Firestone Place South Gate, CA	5555-180-616	Further historical research - COMPLETE; RESEARCH REVEALED THE PRESENCE OF THREE USTs FORMERLY ONSITE; SUBSURFACE INVESTIGATION MAY BE WARRANTED; LETTER OF FINDINGS TO BE PROVIDED TO PUBLIC STORAGE THIS WEEK.

Phase II Status (Page 2)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions
00604	107 Lincoln Road West Vallejo, CA	5555-180-604	Obtain monitoring well data and/or sample monitoring well - ENSR IS WAITING FOR INFORMATION FROM PUBLIC STORAGE REGARDING THE MONITORING WELL; THE WELL IS LOCKED AND A KEY IS NEEDED IN ORDER TO SAMPLE THE WELL.
00729	1080 E. Altamonte Springs Drive Altamonte Springs, FL	5555-180-729	Review agency file for LUST site - ENSR HAS REQUESTED THAT FILES BE COPIED AND SENT TO ENSR
00712	1500 North State Road 7 Lauderhill, FL	5555-180-712	Review agency file for adjacent LUST site - ENSR HAS REQUESTED THAT FILES BE COPIED AND SENT TO ENSR
00611	16970 NW 4th Ave. Miami, FL	5555-180-811	NFA
00619	21288 Biscayne Boulevard Miami, FL	5555-180-819	NFA
00704	18450 NE 5th Ave. Miami, FL	5555-180-704	Review agency files for LUST sites - ENSR HAS REQUESTED THAT FILES BE COPIED AND SENT TO ENSR
00713	271 Blanding Boulevard Orange Park, FL	5555-180-713	Review agency files and/or contact responsible party for LUST site - ENSR HAS REQUESTED THAT FILES BE COPIED AND SENT TO ENSR
00711	1801 W. Oak Ridge Road Orlando, FL	5555-180-711	NFA
00702	1400 34th St. South, St. Petersburg, FL	5555-180-702	Cease onsite auto repair activities -TO BE COMPLETED BY PUBLIC STORAGE
00714	4500 34th St. North, St. Petersburg, FL	5555-180-714	Monitor adjacent site activities -TO BE COMPLETED BY PUBLIC STORAGE OR ITS REPRESENTATIVE PERIODICALLY
00609	5014 S. Dale Mabry Highway Tampa, FL	5555-180-609	NFA

Phase II Status (Page 3)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions
00601	3687 Flat Shoals Road Decatur, GA	5555-180-601	NFA
00602	5301 S. Cobb Drive Smyrna, GA	5555-180-602	NFA
00620	4430 N. Clark St. Chicago, IL	5555-180-620	Conduct subsurface UST investigation - FIELD WORK COMPLETED; AWAITING LABORATORY RESULTS; RESULTS EXPECTE WEEK OF AUGUST 15. Sample potential ACM - NOT INCLUDED AS PART OF THE PHASE II WORK AT THIS TIME
00730	17204 S. Halsted St. East Hazel Crest, IL	5555-180-730	NFA
00732	297 W. Lake Frontage Road Elmhurst, IL	5555-180-732	NFA
00706	2626 W. Jefferson St. Joliet, IL	5555-180-706	NFA
00720	3835 W. 159th Place Markham, IL	5555-180-720	NFA
00621	1385 Dundee Road Palatine, IL	5555-180-621	Determine extent of affected soil - DETERMINATION OF AMOUNT OF SOIL COMPLETED BY TRC IN 1990; AT THIS TIME, THE STATUS OF THE SOIL REMOVAL IS NOT KNOWN TO ENSR; PUBLIC STORAGE PLEASE ADVISE ENSR.
00707	3760 Pennridge Drive Bridgeton, MO	5555-180-707	NFA
00716	13620 East 42nd Terrace Independence, MO	5555-180-716	NFA
00715	11580 Page Service Drive St. Louis, MO	5555-180-715	NFA
00717	8 Dobbs Lane Cherry Hill, NJ	5555-180-717	NFA
00718	2130 Route 130 Edgewater Park, NJ	5555-180-718	NFA
00734	2629 Brunswick Ave. Lawrenceville, NJ	5555-180-734	NFA

Phase II Status (Page 4)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions
00623	3671 Sheridan Drive Amherst, NY	5555-180-623	Review agency files for subject site - ENSR HAS RECEIVED THE FILES AND IS EVALUATING THE COMMENTS OF THE FILES; FINDINGS TO BE PROVIDED TO PUBLIC STORAGE WEEK OF AUGUST 15.
00737	7345 Oswego Road Liverpool, NY	5555-180-737	NFA
00738	1693 East Ave. Rochester, NY	5555-180-738	Conduct a subsurface investigation - FIELD WORK COMPLETED; AWAITING LABORATORY RESULTS; RESULTS EXPECTED WEEK OF AUGUST 22.
00622	4871 Transit Road Williamsville, NY	5555-180-622	NFA
00719	6500 S.W. 110th Court Beaverton, OR	5555-180-719	NFA
00617	11800 S.E. 40th St. Milwaukie, OR	5555-180-617	NFA
00624	4160 S.E. International Way Milwaukie, OR	5555-180-624	NFA
00728	4040 S.E. International Way Milwaukie, OR	5555-180-728	NFA
00618	6525 N. Lombard St. Portland, OR	5555-180-618	NFA
00701	13515 N.E. Prescott Court Portland, OR	5555-180-701	NFA
00708	7402 S.E. 92nd Ave. Portland, OR	5555-180-708	NFA
00722	1921 N. Gantenbein Ave. Portland, OR	5555-180-722	NFA
00723	4021 Market St. Aston, PA	5555-180-723	NFA
00703	11020 Audella Road Dallas, TX	5555-180-703	NFA
00726	11020 Audella Road, Suite B203 Dallas, TX	5555-180-726	NFA

Phase II Status (Page 5)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions
00724	8400 W. Highway 80 Fort Worth, TX	5555-180-724	NFA
00705	1408 N.W. 19th St. Grand Prairie, TX	5555-180-705	Identify source of leak - TO BE COMPLETED BY ONSITE MANAGERS
00709	11770 S.W. Freeway Houston, TX	5555-180-709	Plug hole - TO BE COMPLETED BY ONSITE MANAGERS
00721	14050 N.W. Freeway Houston, TX	5555-180-721	Plug/abandon onsite well - THE COST TO ABANDON THE WELL IS APPROXIMATELY \$3,000; IF PUBLIC STORAGE USES THE WELL, THE NEED TO ABANDON THE WELL IS ELIMINATED; PLEASE ADVISE ENSR HOW TO PROCEED.
00739	1507 East Beltway 8 Pasadena, TX	5555-180-739	Review agency file for LUST site - IN PROGRESS
00608	34701 Pacific Highway S. Federal Way, WA	5555-180-608	NFA
00606	25700 Pacific Highway S. Kent, WA	5555-180-606	Monitor NPL activities - TO BE COMPLETED BY PUBLIC STORAGE OR ITS REPRESENTATIVES
00607	724 Eighth St. Kirkland, WA	5555-180-607	NFA
00605	5200 180th St. Lynnwood, WA	5555-180-605	Managers should monitor for onsite discharges. If discharging continues, sampling may be required.
00735	901 Rainier Ave. N. Renton, WA	5555-180-735	NFA
00731	7133 Delridge Way S.W. Seattle, WA	5555-180-731	Subsurface investigation at former UST location - FIELD WORK COMPLETED; AWAITING LABORATORY RESULTS; RESULTS EXPECTED WEEK OF AUGUST 15.
00725	4750 S. 108th St. Greenfield, WI	5555-180-725	NFA
00710	8824 W. Brown Deer Road Milwaukee, WI	5555-180-710	Inspect transformer for signs of leakage. If leakage occurs, sample for PCB-content - TO BE COMPLETED BY ONSITE MANAGERS.

Phase II Status (Page 6)

Public Storage Project Number	Site Address	ENSR Project Number	Recommendations/Actions
NFA =	No Further Action		
ACM =	Asbestos-Containing Material		
LUST =	Leaking Underground Storage Tank		
NPL =	National Priorities List		



ENSR Consulting
and Engineering

1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577

May 24, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 North Brand Boulevard, Suite 300
Glendale, California 91203

Re: 5555-180-616

**Subject: Findings of Phase I Environmental Due Diligence Assessment of 231
West Capitol Expressway, San Jose, California**

Dear Mr. Horne:

Pursuant to our written proposal approved by you, ENSR Consulting and Engineering (ENSR) is pleased to transmit its preliminary assessment of the above-referenced property. The investigation took place between April 23, 1994 and May 18, 1994, with the onsite investigation occurring on April 29, 1994. The facts contained herein suggest that the site presents the potential for an environmental liability due to a past incident of waste water disposal on the subject property from an offsite source.

Provided below is a description of pertinent findings including recommendations regarding the need for future investigative activities, if warranted, and study limitations.

Site Location and Description

The subject site is an irregularly shaped parcel consisting of approximately 4 acres of improved land (See Figure 1). Approximately 90 percent of the property is covered by buildings and pavement. The subject site is located on the north side of West Capitol Expressway within the incorporated City of San Jose, California. There are 10 buildings onsite (See Figure 2) containing a total of 522 storage units. All of the buildings are one-story. Building A contains the manager's office and residence. Access to the site is restricted by an electrically operated main gate adjacent to the manager's office, fencing in some areas, and concrete tilt-up building walls in other areas.

The subject property is currently occupied by a Public Storage mini-storage facility. No other current uses of the property were identified during this assessment.

The easterly property boundary is adjacent to a separate Public Storage facility. Snell Avenue and a Shell service station are located to the east of the adjacent Public Storage facility. A mobile home park is located to the north of the subject property. Property to

May 24, 1994
Mr. Hugh Horne
Page 2

the west of the subject property is currently vacant, although at the time of the property inspection, this adjacent parcel was in the process of being developed as a golf course. West Capitol Expressway is located to the south. A BP service station and car wash and a small commercial mall are located on the other side of West Capitol Expressway.

Regional groundwater levels have been measured from 20 feet (Santa Clara Valley Water District) to greater than 46 feet (Alisto Engineering Group). Flow direction is presumed to be toward the southwest.

Site History

An aerial photograph from 1963 revealed the subject site to be in agricultural use, with evidence of row crops apparent on the photograph. Aerial photographs from 1970 and 1976 showed the subject site as vacant, undeveloped land.

A 1979 Polk Directory was reviewed at the San Jose Public Library. No address listings were noted for any address on West Capitol Expressway in the vicinity of the subject property.

Building permits and tax assessor records are not readily available for public review in the City of San Jose and in Santa Clara County. However, Chuck McDonald of the Santa Clara County Assessor's Office verbally indicated that no records of development on the subject property exist prior to development as a Public Storage facility. Cynthia Wilson of the City of San Jose Building Permits Department stated that no records exist for uses prior to the development of Public Storage. She further stated that if other buildings were demolished at this address, the records would have been destroyed because the city does not keep building permits for demolished buildings.

Aerial photographs from 1982, 1988, and 1992 revealed the subject property to be developed as it is today.

ENSR found no evidence to suggest that the subject site was developed prior to development of the storage facility.

According to the site manager, a soil sample was taken from the vegetated area between Building C and the adjacent mobile home park (see Figure 2) approximately 1-1/2 to 2 years ago. The site manager did not know who took the sample, although she thought it was an "agency". She stated that residents of one of the mobile homes were discharging waste water to the subject property. The site manager stated that she had

May 24, 1994
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no knowledge of the results of the sampling, but the illicit discharge has ceased. ENSR contacted the Santa Clara County Environmental Health Department (SCCEHD) for further information regarding this incident. George Carson of the SCCEHD stated that there is no information in their files regarding this site. ENSR submitted a Public Information request to the City of San Jose Administration of Hazardous Waste Department. Pertinent information will be forwarded to Public Storage if it becomes available.

Description of Current Site Uses

The subject property is currently used by Public Storage as a mini-storage facility. No products are manufactured at the site.

Assessor Observations

No visual evidence of unusual drainage features, above or underground storage tanks, soil or surface staining, polychlorinated biphenyl (PCB) containing transformers, or industrial site uses was found in association with the subject site. No other unusual observations were made.

On-site and Off-site Sources of Concern

A review of governmental environmental data bases was performed by Environmental Data Resources and reviewed by ENSR. The data bases and search distances are listed in the References - Reports and Documents reviewed section of this report. The subject site was not identified on the data bases searched and was not identified by regulatory agencies contacted by ENSR as being a potentially contaminated site.

Two offsite sources of potential concern were identified within 1,000 feet of the subject site. A Shell service station located at 3939 Snell Avenue is within 500 feet of the subject site to the east. This station is listed on the leaking underground storage tank (LUST) data base provided by Environmental Data Resources, Inc. (EDR) and reviewed by ENSR (see References section). ENSR reviewed files regarding this service station at the Santa Clara Valley Water District. In 1987, four underground storage tanks (USTs) were removed from the service station property. Soil samples indicated slightly elevated levels of total petroleum hydrocarbons as gasoline (TPHg) in excavated soils, with the highest reading being 7.8 parts per million (ppm). Groundwater was not affected by this release. The contaminated soil was remediated and a closure certification was issued on November 26, 1990.



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Five borings were installed at the BP service station located within 500 feet to the south of the subject site in December 1992. The borings ranged in depth from 31-1/2 to 46 feet below ground surface. No groundwater was encountered in any boring. Soils sampled from the borings were analyzed; TPHg was not detected above detection limits (Alisto Engineering Group). An earlier investigation in 1986 when the service station was operated by Mobil included one boring to 45 feet. Sampled soils had levels of TPHg ranging from 0.5 to 1.0 ppm. At that time, no further work was recommended (Kaprealian Engineering).

ENSR is of the opinion that these past contamination incidents at these service stations would have little potential to affect the subject site due to the low levels of contaminants detected and the lack of groundwater involvement.

Preliminary Opinion Regarding Contamination of Site

Based upon our historical research, a review of governmental waste incident databases, interviews conducted with selected individuals and public officials, and the onsite visual inspection of the property, evidence was found to indicate the potential exists for an environmental liability to have affected the subject site due to the past illicit discharge of waste water to the property from an offsite source.

Recommendations

Actual verification of onsite contamination would require the implementation of a soils and/or groundwater monitoring program. The decision to implement such a program is dependent upon the buyer's and/or lender's respective assessment of the potential business risks involved, along with consideration of the various indemnification agreements, warranties, or representations that may exist between the parties to this transaction. Based solely upon the results of this assessment, ENSR does not recommend that further subsurface investigation be conducted at this time. However, ENSR does recommend that results be obtained of the soil sampling that reportedly occurred 1-1/2 to 2 years ago in an area to the north of Building C where an offsite source was allegedly discharging waste water. The results should be reviewed to verify the condition of the site.



May 24, 1994
Mr. Hugh Horne
Page 5

References

Persons Interviewed:

Ms. Helen Wall
Manager
Public Storage
231 W. Capitol Expressway
San Jose, California 95136
(408) 226-1330

Mr. Chuck McDonald
Assessor's Office
County of Santa Clara
San Jose, California

Ms. Cynthia Wilson
City of San Jose Building Permits
801 N. First Street
San Jose, California
(408) 277-2521

Mr. George Carson
Santa Clara County Environmental Health Department
San Jose, California
(408) 229-6930

Reports and Documents Reviewed:

Aerial photographs 1963, 1970, 1976, 1982, 1988, and 1992 viewed at Pacific Aerial Surveys, Oakland, California.

Alisto Engineering Group 1992. "Preliminary Site Assessment at BP Oil Company Service Station at 3951 Snell Avenue, San Jose, California". December.

May 24, 1994
Mr. Hugh Horne
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Environmental Data Resources *Radius Map Plus™ Report*, March 11, 1994 including information from the following databases:

- NPL Facilities (1.0 mile), 6/15/93
- CERCLIS Facilities (0.5 mile), 11/30/93
- Emergency Response Notification System (0.1 mile), 6/30/93
- Federal Facility Index System (target property), 9/14/93
- Hazardous Materials Incident Report System (0.1 mile), 6/30/93
- PCB Activity Database (target property), 10/2/93
- RCRIS Facilities (1.0 mile), 6/30/93
- RCRA Administration Action Tracking System (target property), 1/04/94
- Toxic Release Inventory System, 12/31/91
- Toxic Substances Control Act, 5/15/86
- Cal-Sites Known and Potential Hazardous Waste Sites (1 mile), 1/12/94
- California Hazardous Materials Incident Reporting System (1 mile), 12/31/91
- Cortese California Identified Hazardous Waste and Substance Sites (1 mile), 7/31/92
- Leaking Underground Storage Tanks (0.5 mile), 1/21/94
- Notify 65 Proposition 65 Notification Records (1 mile), 10/21/93
- Solid Waste Activity Tracking (target property), 11/15/93
- Active, Closed and Inactive Landfills (0.5 mile), 1/3/94
- Toxic Pits Cleanup Sites (1 mile), 12/21/93
- Registered Underground Storage Tanks (0.5 mile), 10/15/90
- California Annual Workplan Sites - Known Hazardous Waste Sites (1 mile), 6-30-93
- Hazardous Waste Information System (0.1 mile), 12/31/92

Kapreallan Engineering, Inc. 1986. "Additional Investigation at Mobil Service Station at 3951 Snell Avenue, San Jose, California." July.

Polk Directory 1979. Reviewed at San Jose Public Library.

Santa Clara Valley Water District. Files on Shell service station at 3939 Snell Avenue, San Jose, California

United States Geological Survey, San Jose East, California Topographical Quadrangle, 7.5-Minute Series, Photorevised 1980.

May 24, 1994
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Study Limitations

This report describes the results of ENSR's initial due diligence investigation to identify the potential presence of a significant hazardous waste or petroleum hydrocarbon contamination problem involving or materially affecting the subject property. In the conduct of this due diligence investigation, ENSR has attempted to independently assess the potential presence of such a problem within the limits of the established scope of work as described in our proposal. However, verification of potentially important facts was not always possible.

As with any due diligence evaluation, there is a certain degree of dependence upon oral information provided by facility or site representatives which is not readily verifiable through visual inspection or supported by any available written documentation. ENSR shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site representatives at the time this investigation was performed. This investigation took place between April 23, 1994 and May 18, 1994, with the onsite investigation occurring on April 29, 1994.

This report and all field data and notes were gathered and/or prepared by ENSR in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of ENSR's investigation of the site. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental condition of the site. Moreover, there are several major modifications that are inherent in the conduct of this or any other environmental due diligence examination.

- First, it is difficult to predict which, if any of the potential environmental issues identified will become actual problems in the future, for federal and state environmental regulations continually change, as do the enforcement priorities of the applicable governmental agencies involved.
- Second, even for problems currently identified, it is often difficult and sometimes impossible to accurately estimate the liabilities that may be involved in remedying the problem(s), for the legal and technological standards for evaluating, remedying, and allocating liability for environmental issues are in a constant state of change. Moreover, the liability for remedying environmental problems tends to be highly dependent upon agency negotiations and the



May 24, 1994
Mr. Hugh Horne
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sometimes arbitrary and unpredictable nature of agency officials charged with such negotiations.

- Third, there is always the distinct possibility that major sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external investigation such as the one conducted herein.

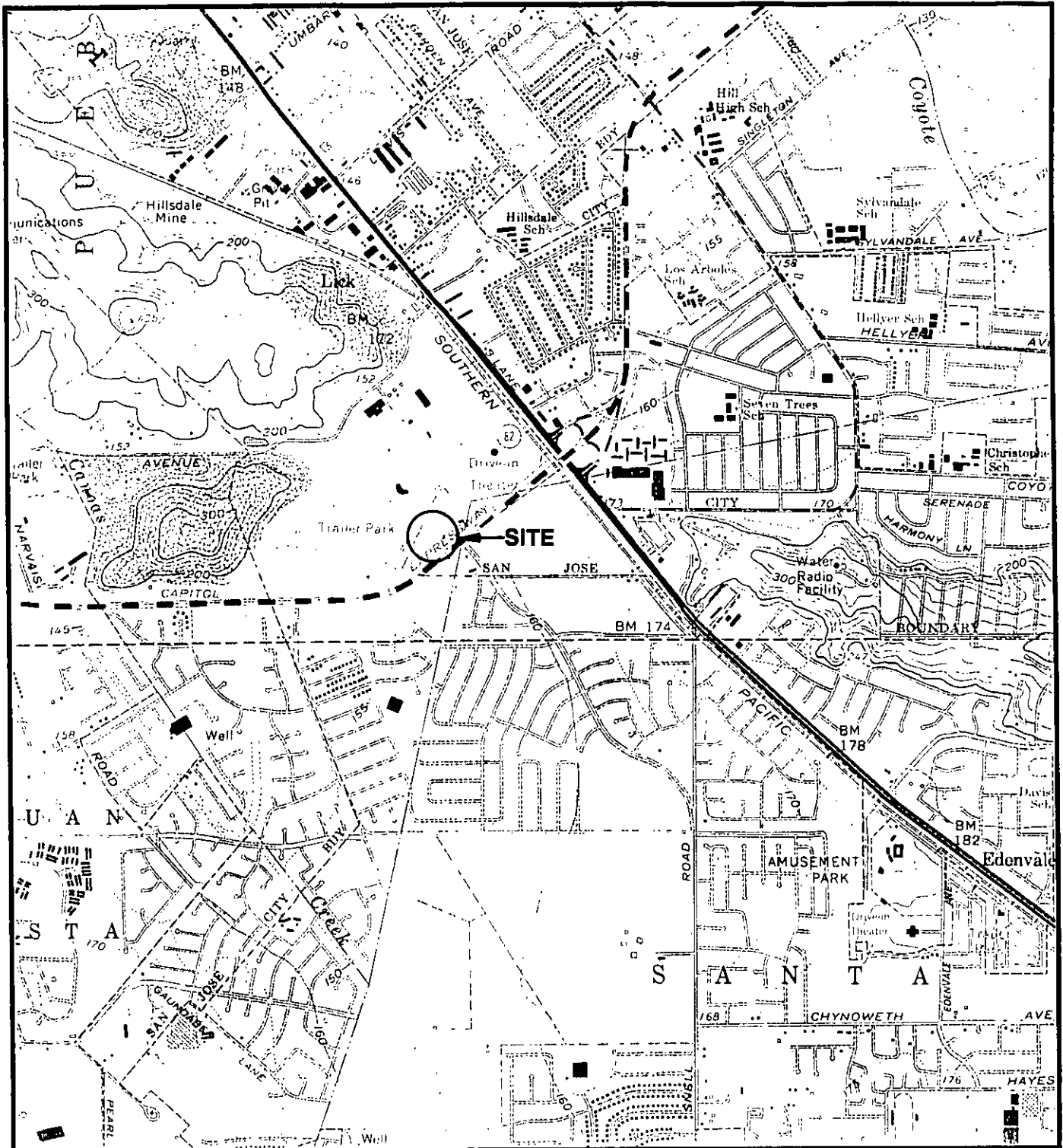
This report, including all supporting field data, notes, and laboratory data where applicable (collectively referred to hereinafter as "information"), was prepared or collected by ENSR Consulting and Engineering (ENSR) for the benefit of its client, Public Storage, Inc. ENSR's client may release the information to third parties, who may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against ENSR, its parent, its subsidiaries and affiliates; or their respective employees, officers, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent, or other negligence and strict liability of ENSR), statute, or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statement.

ENSR appreciates the opportunity to be of service to Public Storage, Inc. If you have any questions regarding our report or its findings, please feel free to call either of the undersigned at (805) 388-3775.

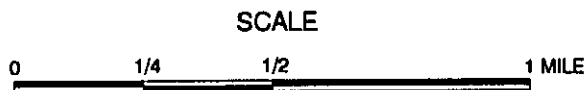
Sincerely,

Linda Easter
Assessor

Richard A. Simon
Regional Program Manager



SOURCE: USGS 7 1/2 Minute Topographic Quadrangle,
San Jose East, California



ENSR

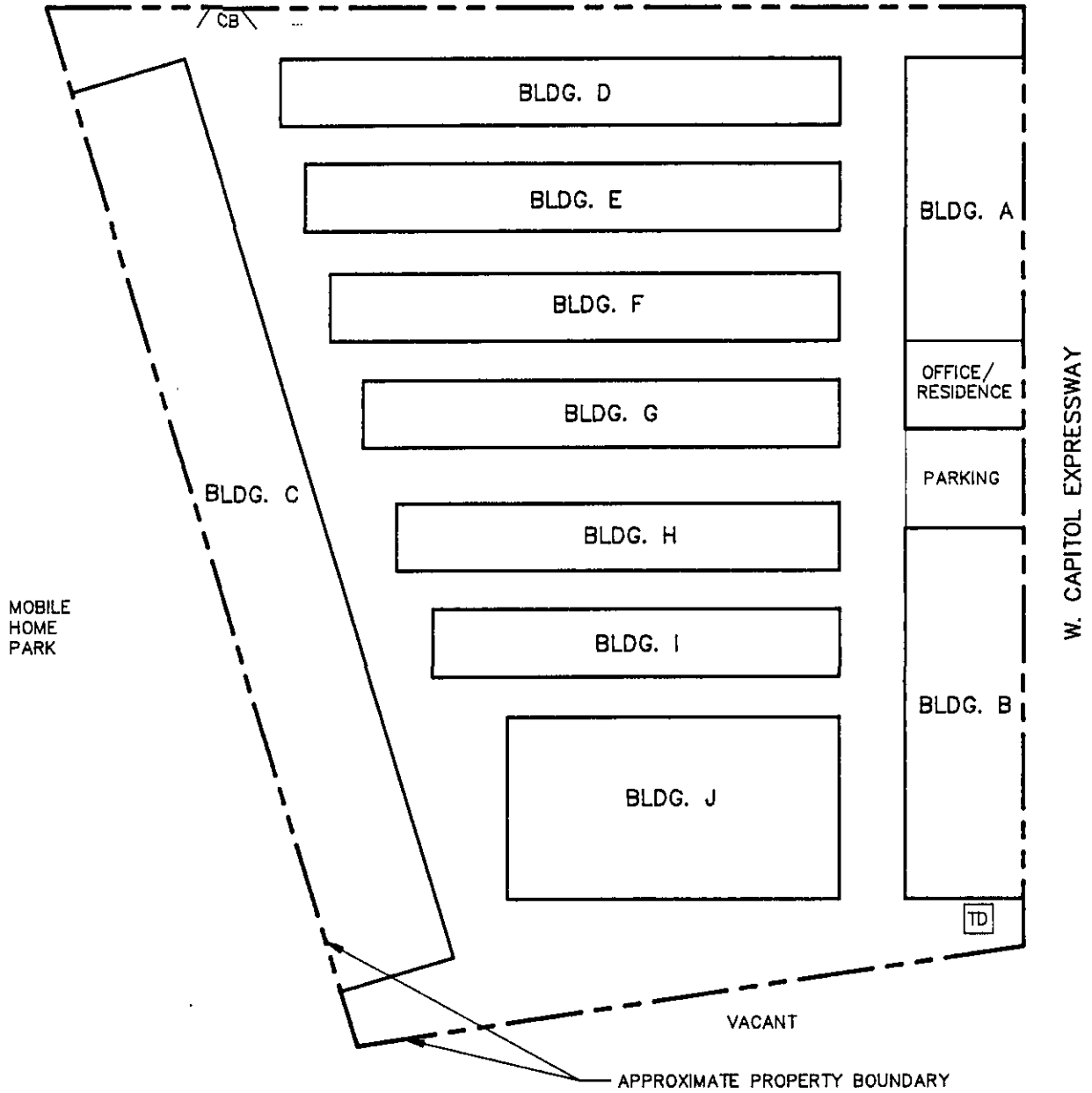
ENSR Consulting and Engineering

FIGURE 1
SITE LOCATION MAP

Public Storage
231 W. Capitol Expressway
San Jose, California 95136

DRAWN: M. Scop	DATE: May 12, 1994	PROJECT NO.: 5555-180-816	REV:
FILE NO.:	CHECKED: L. Easter		

SNELL AVENUE PUBLIC STORAGE



MOBILE HOME PARK

LEGEND

CB Catch Basin
TD Trash Dumpster

NOT TO SCALE



ENSR CONSULTING AND ENGINEERING

FIGURE 2
SITE PLAN
 Public Storage
 231 W. Capitol Expressway
 San Jose, California

DRAWN: T.C. ROBERT	DATE: 05/05/94	PROJECT NO. 5555-180-616	REV.
FILE NO. 5555180Y	CHK BY: <i>[Signature]</i>		

**PUBLIC STORAGE
MANAGEMENT INC.****Rental Spaces**

3875 HOPYARD ROAD, SUITE 194, PLEASANTON, CA 94588, (415) 847-0783, FAX (415) 847-8273

California Hawaiian Trailer Park
3637 Snell Rd
San Jose, CA 95136

SUBJECT: Environmental Problem on April 12, 1990

To Whom It May Concern,

During a recent inspection of our property located at 231 W. Capitol Expressway, San Jose, we discovered an environmental problem resulting from a discharge onto our property from the California Hawaiian Trailer Court.

A drain pipe, several inches in diameter, was poked through our fence, originating from a shed located behind our property and a contaminant is being dumped onto the Public Storage facility. Analysis shows unacceptable levels of heavy metals and a breakdown product of DDT present in the contaminant.

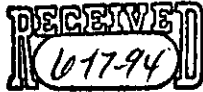
The extent of clean-up work necessary to rid the facility of the contaminant has not yet been determined. However, upon determination we will be in contact with you as Public Storage Management, Inc., believes that California Hawaiian and the tenant located in your trailer court are responsible for all expenses incurred in the clean-up of our facility.

Sincerely,

A handwritten signature in cursive script that reads 'John Olson'.

John Olson
District Manager

cc: Jim White
file



00616

ENSR Consulting
and Engineering

1220 Avenida Acaso
Camarillo, CA 93012
(805) 388-3775
FAX (805) 388-3577

June 15, 1994

Mr. Hugh Horne
Public Storage, Inc.
600 North Brand Boulevard, Suite 300
Glendale, California 91203

Re: 5555-180-616

Subject: Additional Information Regarding Property at 231 West Capitol Expressway, San Jose, California

Dear Mr. Horne:

ENSR Consulting and Engineering is pleased to provide the additional information we received from the Santa Clara County Health Department and the San Jose Fire Department regarding the above-referenced site. This information was provided to ENSR in response to our request for information regarding hazardous materials incidents at the subject address, specifically in regard to the reported soil sampling that occurred on the north side of Building C approximately 1-1/2 to 2 years ago.

George Carson of the Santa Clara County Health Department stated that there is no file for the subject address. He suggested that we contact the San Jose Fire Department for assistance. Clare Owen, Inspector, Hazardous Materials Division, San Jose Fire Department responded to our request with a letter stating that the San Jose Fire Department does not have a file for the subject address.

This additional information does not change our original recommendation as provided in our report dated May 24, 1994. Due to lack of information to the contrary, ENSR is of the opinion that the potential exists for an environmental liability to be affecting the subject site from this past incident. ENSR recommends the following course of action:

- Review Public Storage files to determine what agency conducted the referenced soil sampling and if sampling results and/or a site closure letter are available in the file. Permission of the property owner would typically be required before an agency could sample on a specific property.
- If no information is available in Public Storage files, conduct additional research of agencies that may have had jurisdiction over the sampling.



June 15, 1994
Mr. Hugh Horne
Page 2

ENSR appreciates the opportunity to continue to serve Public Storage, Inc. If you have any questions regarding this letter, please call either of the undersigned at (805) 388-3775.


Sincerely,

A handwritten signature in cursive script that reads "Linda Easter".

Linda Easter
Assessor

A handwritten signature in cursive script that reads "Richard A. Simon".

Richard A. Simon
Regional Program Manager



Geotechnical Engineering Exploration and Analysis

**Proposed New Four-Story Building
Public Storage Facility
NWC W. Capitol Expressway and Snell Avenue
San Jose, California**

Prepared For:

**Public Storage, Inc.
Glendale, California**

November 4, 2013

Project No. 2G-1309003



GILES
ENGINEERING ASSOCIATES, INC.



GILES

ENGINEERING ASSOCIATES, INC.

GEOTECHNICAL, ENVIRONMENTAL & CONSTRUCTION MATERIALS CONSULTANTS

- Atlanta, GA
- Baltimore/Wash. DC
- Dallas, TX
- Los Angeles, CA
- Milwaukee, WI
- Orlando, FL

November 4, 2013

Public Storage, Inc.
701 Western Avenue
Glendale, California 91201

Attention: Mr. Jim Fitzpatrick
Senior Vice President, Development Real Estate Division

Subject: Geotechnical Engineering Exploration and Analysis
Proposed New Four-Story Building
Public Storage Facility
NWC W. Capitol Expressway and Snell Avenue
San Jose, California
Project No. 2G-1309003

Dear Mr. Fitzpatrick:

In accordance with your request and authorization, a *Geotechnical Engineering Exploration and Analysis* report has been prepared for the above-referenced project. Conclusions and recommendations developed from the exploration and analysis are discussed in the accompanying report.


We appreciate the opportunity to be of service on this project. If we may be of additional assistance, should geotechnical related problems occur or to provide construction observation and testing services, please do not hesitate to call at any time.


Respectfully submitted,

GILES ENGINEERING ASSOCIATES, INC.


John L. Maier, P.E.
Project Manager
RCE 74894




Edgar L. Gatus, P.E.
Assistant Branch Manager
RCE 70687



Distribution: Public Storage, Inc.
Attn: Mr. Jim Fitzpatrick (3 US Mail, email: jfitzpatrick@publicstorage.com)

GEOTECHNICAL ENGINEERING EXPLORATION AND ANALYSIS

PROPOSED NEW FOUR-STORY BUILDING
PUBLIC STORAGE FACILITY
NWC W. CAPITOL EXPRESSWAY AND SNELL AVENUE
SAN JOSE, CALIFORNIA
PROJECT NO. 2G-1309003

EXECUTIVE SUMMARY OUTLINE

The executive summary is provided solely for purposes of overview. Any party who relies on this report must read the full report. The executive summary omits a number of details, any one of which could be crucial to the proper application of this report.

Subsurface Conditions

- Site Class designation "D" is recommended for seismic design considerations.
- Our review of the *Geologic Map of San Jose East Quadrangle, California* prepared by California Geological Survey indicates that the subject site is located within a designated Liquefaction Hazard Zone and in an area where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent liquefaction induced displacements, such that mitigation is required. However, based on our liquefaction analysis seismic induced settlement within the site is within tolerable limits for the planned development.
- Our review of the *Geologic Map of San Jose East Quadrangle, California* prepared by California Geological Survey indicates that the subject site is underlain by Alluvial fan deposits with fine grained facies.
- Existing pavement encountered within our test borings consisted of approximately 2 to 3.5 inches thick asphaltic concrete over 2 to 4.5 inches of aggregate base. Based on our visual observation, the existing pavement is in fair condition.
- Fill soils were encountered within our test borings to depths of about 3.5 feet below existing grades. These soils generally consisted of moist, stiff sandy clay.
- Native soils encountered underneath the fill generally consisted of moist to wet, soft to medium stiff clay with some interbedded layers of loose to medium dense silty sand.
- Groundwater was encountered at 40 feet below existing ground surface during our subsurface investigation. The site may however be subject to a shallow perched water table during wet periods.

Site Development

- The proposed development will consist of a 131,080 sf, four-story building with about 37 additional parking stalls and new drive lanes, within an area occupied by several existing single story storage buildings and asphalt pavement.
- New Building: Due to the presence of variable strength characteristics of the near surface on-site soils, and the likely disturbance of the subgrade soils during removal of existing building foundations and floor slab, it is recommended that the soils within the proposed new building area and an appropriate distance beyond (5 feet minimum if applicable) be over-excavated to a depth of at least 4 feet below existing grade or planned pad grade, and at least 3 feet below the bottom of foundations and floor slab whichever is lower in elevation. Compacted crushed aggregate material (2-to-4 inch diameter) about 6 inches thick should be placed at the bottom of the excavation followed by a layer of geogrid, such as Tensar Biaxial Geogrid TX140 or better, and then by imported well graded granular material compacted in place to at least 90% of the soils



maximum dry density as determined by Modified Proctor (ASTM D-1557). A representative of the project geotechnical consultant should be present on site during grading operations to verify proper placement and adequate compaction of all fills.

Building Foundation

- A continuous strip footing foundation system designed for 3,000 psf bearing capacity is recommended for support of the perimeter bearing walls and monolithically constructed foundation and floor slab (thickened slab) designed for a 2,500 psf bearing capacity for interior bearing walls and/or columns, founded on a three feet engineered fill layer.
- Minimum steel reinforcing within perimeter strip footings is recommended to be six No. 5 rebars (3 top and 3 bottom) for geotechnical considerations. Further structural detailing should be provided by the project structural engineer.

Building Floor Slab

- The first floor slab may be designed by elastic procedures using a Modulus of Subgrade Reaction k_s of 90 kcf and a maximum allowable soil bearing pressure of 2,500 psf to support the interior bearing walls.
- The slab should be underlain by a minimum 4-inch thick granular base supported on a properly prepared subgrade consisting of newly placed structural compacted fill.
- A minimum 10-mil vapor retarder is recommended to be directly below the floor slab or base course throughout the entire floor area.

Pavement

- Asphalt Pavements: 3 inches of asphaltic concrete underlain by 8 and 10 inches of base course in parking stall and drive lane areas, respectively.
- Portland Cement Concrete: 7 inches in thickness in high stress areas such as entrance/exit aprons lane and in trash enclosure loading zone with a 4 inch granular base.

1.0 SCOPE OF SERVICES

This report provides the results of the *Geotechnical Engineering Exploration and Analysis* that Giles Engineering Associates, Inc. ("Giles") conducted regarding the proposed development. The *Geotechnical Engineering Exploration and Analysis* included several separate, but related, service areas referenced hereafter as the Geotechnical Subsurface Exploration Program, Geotechnical Laboratory Services, and Geotechnical Engineering Services. The scope of each service area was narrow and limited, as directed by our client and in consideration of the proposed project. The scope of each service area is briefly explained in this report. The scope of work performed for this report was consistent with the scope of work outlined within Proposal No. 2GP-1307014.

The scope of services authorized for this project included a visual site reconnaissance, subsurface exploration, field and laboratory testing, and a geotechnical engineering analysis to provide criteria for preparing the design of the foundation and floor slab for the proposed development. Geotechnical-related recommendations are also provided for the proposed parking lot improvement. Site preparation recommendations are also given; however, those recommendations are only preliminary since the means and methods of site preparation will depend on factors that were unknown when this report was prepared. Those factors include the weather before and during construction, the water table at the time of construction, subsurface conditions that are exposed during construction, and finalized details of the proposed development.

2.0 SITES AND PROJECT DESCRIPTION

2.1 Site Description

The subject site is occupied by two adjacent Public Storage facilities (231 W. Capitol Expressway and 3911 Snell Avenue) and located near the northwest corner of Capitol Expressway and Snell Avenue in the city of San Jose, California. For purposes of this report, Project North has been defined parallel to Snell Avenue as shown on Figure 1. The site is bounded on the south by W. Capitol Expressway, on the east by Snell Avenue, on the north by a mobile home community, on the west by a multi-unit residential development, with a Shell Gas Station located to the southeast of the site. The site is located at 37.2769 Latitude, -121.8433 Longitude.

The site is currently occupied by several single story storage structures (A to P) and parking and drive lanes. The existing buildings and pavement are in good condition. Topography within the site is relatively level. Our review of the survey map performed by Lars Anderson and Associates, Inc. for the subject site indicated existing elevations within the proposed new building range from about elevation 158 feet to 161 feet.

Based on the site plans provided to us, existing buildings A, D E, F, K, and P will be partially demolished and removed to accommodate the construction of a new four-story storage building, parking stalls and drive lanes. The area of construction is proposed in the southeast corner of the site.

2.2 Proposed Project Description

It is understood that a 131,080 sf, four-story building is proposed within the subject site with 37 additional parking stalls and new drive lanes, and sidewalk. The structure is planned to be constructed with total building height of 38 ft. Other planned site improvements include elevator pits and below grade utilities.

Preliminary project information did not indicate the planned finished floor elevation for the proposed new structure. However, it is our understanding that the finish floor elevation of the new building will match the elevation of existing building floor elevation. Therefore, site grading is anticipated to consist of minor grading, in order to establish the necessary anticipated finish grade elevations, exclusive of site preparation and over-excavation requirements necessary to create a stable site suited for the proposed development.

The traffic loading for the driveway and parking lot areas is understood to predominantly consist of automobiles and recreational vehicles, with occasional heavy trucks resulting from deliveries and trash collection. Pavement designs are based on a 20-year design period. The parking lot pavement sections have been designed on the basis of a Traffic Index (TI) of 4.0 for the automobile traffic parking stalls (light duty) and a TI of 5.5 for automobile drive lane areas (medium duty).

3.0 SUBSURFACE EXPLORATION

3.1 Subsurface Exploration

Our subsurface exploration was performed by representatives of our firm and consisted of the drilling of four (4) test borings (B-1 to B-4) to depths of approximately 5.5 to 46.5 feet, and one (1) percolation test (P-1) to 6.5 feet below existing ground surface utilizing a hollow stem auger drill rig. The approximate test boring locations are shown in the Test Boring Location Plan (Figure 1). The Test Boring Location Plan and Test Boring Logs (Records of Subsurface Exploration) are enclosed in Appendix A. Field and laboratory test procedures and results are enclosed in Appendix B and C, respectively. The terms and symbols used on the Test Boring Logs are defined on the General Notes in Appendix D.

Our subsurface exploration included the collection of relatively undisturbed samples of subsurface soil materials for laboratory testing purposes. Bulk samples consisted of composite soil materials obtained at selected depth intervals from the boring. Relatively undisturbed samples were collected using a 3-inch outside-diameter, modified California split-spoon soil sampler (CS) lined with 1-inch high brass rings. The sampler was driven with successive 30-inch drops of a hydraulically operated, 140-pound automatic trip hammer. Blow counts for each 6-inch driving increment were recorded on the exploration logs. The central portions of the driven core samples were placed in sealed containers and transported to our laboratory for testing.

Where deemed appropriate, standard split-spoon tests (SS), also called Standard Penetration Test (SPT), were also performed at selected depth intervals in accordance with the American Society for Testing Materials (ASTM) Standard Procedure D 1586. This method consists of mechanically driving an unlined standard split-barrel sampler 18 inches into the soil with successive 30-inch drops of the 140-pound automatic trip hammer. Blow counts for each 6-inch driving increment were recorded on the exploration logs. The number of blows required to drive the standard split-spoon sampler for the last 12 of the 18 inches was identified as the uncorrected standard penetration resistance (N). Disturbed soil samples from the unlined standard split-spoon samplers were placed in plastic containers and transported to our laboratory for testing.

3.2 Subsurface Conditions

The subsurface conditions as subsequently described have been simplified somewhat for ease of report interpretation. A more detailed description of the subsurface conditions at the test boring locations is provided by the logs of the test borings enclosed in Appendix B of this report.

Pavement

Existing pavement encountered within our test borings consisted of approximately 2 to 3.5 inches thick asphaltic concrete over 2 to 4.5 inches of aggregate base.

Soil

Our review of the *Geologic Map of San Jose East Quadrangle, California* prepared by California Geological Survey (2000) indicated that the subject site is underlain by fine grained alluvial fan deposits from the Holocene era.

Fill soils were encountered within our test borings to depths of about 3.5 feet below existing grades. These soils generally consisted of moist, stiff sandy clay.

Native soils encountered underneath the fill generally consisted of moist to wet, soft to medium stiff clay and loose to medium dense silty sand.

Groundwater

Groundwater was encountered at a depth of 40 feet below existing ground surface during our subsurface investigation in Boring B-1. The historic high groundwater elevation is approximately 20 feet below the ground surfaced per data for the San Jose East Quadrangle published by California Geological Survey (CGS). However, fluctuations of the groundwater table, localized zones of perched water, and rise in soil moisture content should be anticipated during and after the rainy season at which point the water tables or perched water table may rise to within several feet of the ground surface. Irrigation of landscape areas on or adjacent to the site can also cause fluctuations of local or shallow perched groundwater levels.

3.3 Percolation Testing

It is our understanding that an on-site below grade storm water infiltration system is being considered within the subject site. One percolation test was conducted along the northeast area of the proposed structure (designated as P-1) and involved the drilling of one test boring utilizing a hollow-stem auger drill rig with an outside diameter of approximately 6 inches. A two-inch perforated pvc pipe was installed inside the boring and pea gravel was used as filter pack around the outside diameter of the pipe. A percolation test was performed at a depth of approximately 6.5 feet below the existing ground surface. Testing involved presoaking the test hole and filling the test hole with water, and recording the drop in the water surface. The drop in water level over time is the pre-adjusted percolation rate at the test location. The pre-adjusted percolation rate was reduced to account for the discharge of water from both the sides and bottom of the boring.

The results obtained from our percolation testing are summarized below.

TABLE 1 – INFILTRATION TEST RESULTS			
Test Hole	Test Depth ¹ (feet)	Infiltration Rate (in/hr)	Soil Type
P-1	6.5	negligible	Clay
1) Depth is referenced to the existing surface grade at the test location.			
2) in/hr is inch per hour			

It should be noted that the infiltration rate of the on-site soils represents a specific area and depth tested and may fluctuate throughout other parts of the site.

4.0 LABORATORY TESTING

Several laboratory tests were performed on selected samples considered representative of those encountered in order to evaluate the engineering properties of on-site soils. The following are brief description of our laboratory test results.

In Situ Moisture and Density

Tests were performed on select samples from the test borings to determine the subsoils dry density and natural moisture contents in accordance with Test Method ASTM 2216-05. The results of these tests are included in the Test Boring Logs enclosed in Appendix A.

Unconfined Compressive Strength

Unconfined Compressive Strength was determined for the on-site clayey soils in accordance with Test Method ASTM D 2166. This test method provides an approximate value of the strength of cohesive soils in terms of total stresses. The results of this test are presented in Test Boring Logs, Appendix A, designated as q_u .

Sieve Analysis

Sieve Analyses (Passing No. 200 Sieve) were performed on selected samples from various depths within test boring B-1 and P-1 to assist in soil classification and aid in the liquefaction analysis. These tests were performed in accordance with Test Method ASTM D 1140-00 (Reapproved 2006). The results of these tests are presented in Test Boring Logs, Appendix A.

Atterberg Limits

The Atterberg limits (liquid limit, plastic limit and plasticity index) were determined for representative samples of the clayey on-site soils in accordance with Test Method ASTM D 4318-05. The results of the Atterberg Limits indicated Plastic Index that ranged from 15 to 29 (medium to high plasticity) and are included on the Test Boring Logs enclosed in Appendix A.

Expansive Potential

To evaluate the expansive potential of the near surface soils encountered within the proposed buildings, a composite sample collected from Test Boring P-1 (0.5 to 5 feet) was subjected to Expansive Index (EI) testing per ASTM D 4829-03. The result of our expansion index (EI) testing indicates that the near surface sample in the area of the proposed addition has a low expansion potential (EI=48).

Consolidation Test

Potential swell and collapse prediction under anticipated load was made on the basis of one-dimensional consolidation test. This test was performed in general accordance with Test Method ASTM D 4546. The test sample was inundated near the on-site overburden pressure in order to evaluate the sudden increase in moisture condition (swell or collapse potential). Result of this test indicated that on-site soils exhibit a slight degree of swell potentials (0.7%). The Consolidation test curve, Figure 2 is included in Appendix A.

Soluble Sulfate Analysis and Soil Corrosivity

A representative sample of the near surface soils which may contact shallow buried utilities and structural concrete was performed to determine the corrosion potential for buried ferrous metal conduits and the concentrations present of water soluble sulfate which could result in chemical attack of cement. The following table presents the results of our laboratory testing.

Parameter	P-1 0.5 to 5 feet
pH	7.67
Chloride	57 ppm
Sulfate	0.0006%
Resistivity	11,300 ohm-cm



The chloride content of near-surface soils was determined for a selected sample in accordance with California Test Method No. 422. The results of this test indicated that tested on-site soils have a Low exposure to chloride. The results of limited in-house testing of soil pH and resistivity were determined in accordance with California test Method No. 643 and indicated that tested on-site soils were found to possess a low degree of corrosivity.

These test results have been evaluated in accordance with criteria established by the Cast Iron Pipe Research Association, Ductile Iron Pipe Research Association, the American Concrete Institute and the National Association of Corrosion Engineers. The test results on a near surface bulk sample from the site generally indicate that tested on-site soils possess low corrosion potential when in contact with ferrous materials.

Corrosivity testing also included determination of the concentrations of water-soluble sulfates present in the tested soil sample. Our laboratory test data indicated that near surface soils contain approximately 0.0006 percent of water soluble sulfates. Based on Section 1904.3 of the 2010 California Building Code (CBC), concrete that may be exposed to sulfate containing soils shall comply with the provisions of ACI 318-11, Section 4.3. Therefore, according to Table 4.3.1 of the ACI 318-11, a negligible exposure to sulfate can be expected for concrete placed in contact with the on-site soils. From the results of our testing of the sample, special sulfate resistant cement is not considered necessary for concrete which will be in contact with the tested on-site soils.

5.0 GEOLOGIC AND SEISMIC HAZARDS

5.1 Active Fault Zones

The project site is located in the highly seismic Southern California region within the influence of several fault systems. However, the site does not lie within the boundaries of an Earthquake Fault Zone as defined by the State of California in the Alquist-Priolo Earthquake Fault Zoning Act.

5.2 Seismic Hazard Zones

Our review of the published Seismic Hazard Evaluation Report for the San Jose East Quadrangle indicates that the subject site is located within a designated Liquefaction Hazard Zone and in an area where historical occurrence of liquefaction, or local geological, geotechnical, and ground water conditions indicate a potential for permanent liquefaction induced displacements, such that mitigation might be required.

General types of ground failures that might occur as a consequence of severe ground shaking typically include landsliding, ground lurching and shallow ground rupture. The probability of occurrence of each type of ground failure depends on the severity of the earthquake, distance from faults, topography, subsoils and groundwater conditions, in addition to other factors. Based on our subsurface exploration, laboratory testing and the seismic designation for this site, all of the above effects of seismic activity are considered unlikely at the site.



5.3 Landslide Hazards

The subject site does not lie within the designated Landslide Hazard Zone based on our review of the published Seismic Hazard Evaluation Report for the San Jose East Quadrangle. Since the subject site is generally level and not located near unstable slope, mitigation of landslide hazards is not necessary for the site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Conditions imposed from the planned development have been evaluated on the basis of the assumed floor elevation and engineering characteristics of the subsurface materials encountered during our subsurface investigation and their anticipated behavior both during and after construction. Conclusions and recommendations presented for the design of foundations, floor slab, pavement, site preparation recommendations, and construction considerations are discussed in the following sections of this report.

From a soils engineering point of view, the subject property is considered geotechnically suitable for the proposed new improvements provided the following recommendations are incorporated in the design and construction of the project. We recommend that Giles Engineering Associates, Inc. be involved in the review of the grading and foundation plans for the site to ensure our recommendations are interpreted correctly. Based on the results of our review, modifications to our recommendations or the plans may be warranted.

6.1 Seismic Design Considerations

Faulting/Seismic Design Parameters

Research of available maps published by the California Geological Survey (CGS) indicates that the subject site is not located within an Alquist-Priolo Earthquake Fault Zone. The potential for fault rupture through the site is therefore considered to be low. The site may however be subject to strong groundshaking during seismic activity. The proposed structure should be designed in accordance with the current version of the 2010 California Building Code (CBC) and applicable local codes. Based upon the encountered subsurface soils, a Site Class D is recommended for design.

According to the maps of known active fault near-source zones at the subject site (37.2769 Latitude; 121.843 Longitude), Monte Vista fault is the closest Type B known active fault and is located approximately 7.1 kilometers from the site, with an anticipated maximum moment magnitude (Mw) of 6.5. The closest Type A known active faults are the San Andreas fault (1906) and Hayward fault located approximately 17.8 and 19.0 kilometers from the site, with maximum moment magnitudes (Mw) of 7.9 and 7.1, respectively.

Within the International Code Council's 2009 International Building Code (IBC), the five-percent damped design spectral response accelerations at short periods, S_{DS} , and at 1-second period, S_{D1} , are used to determine the seismic design base shear. These parameters, which are a function of the site's seismicity and soil, are also used as parts of triggers for other code requirements. The following values are determined by using the program Java Ground Motion Parameter Calculator- Version 5.10.0 written by the ICC.

IBC 2009/ CBC 2010, Earthquake Loads	
Site Class Definition (Table 1613.5.2)	D
Mapped Spectral Response Acceleration Parameter, S_s (Figure 1613.5(3) for 0.2 second)	1.529
Mapped Spectral Response Acceleration Parameter, S_1 (Figure 1613.5(4) for 1.0 second)	0.600
Site Coefficient, F_a (Table 1613.5.3 (1) short period)	1.0
Site Coefficient, F_v (Table 1613.5.3 (2) 1-second period)	1.5
Adjusted Maximum Considered Earthquake Spectral Response Acceleration Parameter, S_{MS} (Eq. 16-37)	1.529
Adjusted Maximum Considered Earthquake Spectral Response Acceleration Parameter, S_{M1} (Eq. 16-38)	0.900
Design Spectral Response Acceleration Parameter, S_{DS} (Eq. 16-39)	1.019
Design Spectral Response Acceleration Parameter, S_{D1} (Eq. 16-40)	0.600

Liquefaction

According to the Seismic Hazard Zones map for the San Jose East Quadrangle published by the California Geological Survey (CGS), the site is located within an area that has been designated by the State Geologist as a "zone of required investigation" due to the potential for earthquake-induced liquefaction. Therefore, a site liquefaction evaluation consistent with the guidelines contained in CDMG Special Publication 117A (2008) along with a report by Southern California Earthquake Center (SCEC) has been performed as part of the current investigation.

Our site-specific probabilistic seismic hazard analysis was performed using the computer program FRISKSP (Version 4.0), originally developed by the United States Geological Survey (USGS), and later adapted by Thomas F. Blake (2000). FRISKSP estimates the probability of experiencing various ground accelerations within the site over a period of time and the probability of exceeding expected ground accelerations within the lifetime of the proposed structure from all significant earthquakes within a specific radius of search. For the present case, a search radius of 62 miles (100 kilometers) was selected. In evaluating liquefaction potential, the California Geological Survey adopted the standard of using a peak ground acceleration that has a 10 percent probability of being exceeded in 50 years. The ground-motion with a recurrence interval of about 475 years is used. The estimated peak ground acceleration at the site was determined to be 0.51 g. A magnitude weighting with respect to a Magnitude 7.9 earthquake was performed using a magnitude-weighting factor recommended by Campbell and Bozognia.

The on-site fine grained soils (clay) were evaluated to determine susceptibility to liquefaction during ground shaking in accordance with the criteria outlined within the California Geological Survey (CGS) Special Publication 117A (2008). Soils considered to be potentially susceptible to undergo seismically induced deformation during liquefaction are classified in the following manner:

1. Plastic Index (PI) <12 and moisture content greater than 85 percent of the Liquid Limit
2. Sensitive soils with PI>18.
3. All loose to medium dense granular soils.

The clayey soils obtained during our subsurface exploration, which were considered non-liquefiable, were tested for CGS Special Publication 117A guidelines. Our laboratory results showed that the on site fine grained soils have Plastic Index (PI) results ranging from 15 to 29 and in-place moisture contents are less than 85 percent of the liquid limit with test results of clay with PI>18 considered insensitive. Therefore, the on-site fine grained soils are considered non-liquefiable.

Test Boring No. & Depth	Liquid Limit (LL)	Plastic Index (PI)	In-situ Moisture<85% of LL	Wc/LL
B-1 @ 20'	47	29	27 < 40	0.6
B-1 @ 35'	48	26	32 < 41	0.7

Based on Bray and Sancio (2006) criteria and Figure 3 (attached to this report, Appendix A), the fine grained soils when plotted for Plastic Index and in-place moisture content / Liquid Limit indicated not susceptible for liquefaction potential.

Our liquefaction study was based on the NCEER procedure (Youd & Idriss, 1998) using a magnitude-weighted peak ground acceleration of 0.51 g as determined by our probabilistic seismic analysis. The peak ground acceleration was weighted on an earthquake magnitude of 7.9 and was used in our liquefaction analysis. Liquefaction analysis was performed using the computer program Liquefypro (version 5) developed by Civil Tech Software. The program is based on the most recent publications of the NCEER Workshop and SP117 Implementation. Corrected SPT blow counts were accounted in the program for hammer energy ratio, borehole diameter and sampling method. A conservative historic high groundwater of 20 feet was used in our liquefaction analysis. The liquefiable layers at the location of boring B-1 are presented graphically in Plate A1 of Appendix A. The computer output files are also included.

In order to estimate the amount of post-earthquake settlement and/or liquefaction, methods proposed by Tokimatsu were used for the calculations. Based on our analysis and under the current site conditions with an assumed high water table of 20 feet, we estimate that the maximum total seismic-induced ground settlement at the site would be one inch (calculated at 1.26 inches) during the design level earthquake and the maximum differential settlement is estimated to be 5/8 inch (half of 1.02 inch = 0.5 inch) over a horizontal span of 30 feet.

Liquefaction-Induced Lateral Spreading

Lateral spreading of the ground surface during a seismic activity usually occurs along the weak shear zones within a liquefiable soil layer and has been observed to generally take place toward a free face (i.e. retaining wall, slope or channel) and to lesser extent on ground surfaces with a very gentle slope. Due to absence of any slope or channel within or near the subject site, the potential for lateral spread occurring within the site in our opinion is considered to be low.

Liquefaction-Induced Potential for Surface Manifestation

Based on our review of the relationships between the thickness of potentially liquefiable soil layers relative to the thickness of non-liquefiable soil layers developed by Ishihara (1985) and soil classification, it is our opinion that surface manifestations resulting from soil liquefaction at this site is not likely and should not be considered a design constraint for the project.

6.2 Site Development Recommendations

The recommendations for site development as subsequently described are based upon the conditions encountered at the test boring locations and the results of our laboratory testing and liquefaction analysis. Moist to wet soil conditions, as well as low to medium plasticity clay soils, were encountered within the near surface investigation. It is expected that similar conditions are likely to be encountered during grading operations. Grading operations may require provisions for drying of soils prior to compaction. In addition, due to the presence of moist to very moist, clayey on-site soils at the proposed remedial grading depths, the loads imposed by heavy rubber-tired equipment during grading may induce localized pumping of the subgrade that would require stabilization prior to fill placement. Grading contractor should therefore include contingencies for air-drying of excessively moist soil, as well as the stabilization of excavation bottoms in their bids. Imported soils may be required if onsite soils cannot be air-dried on site due to space, time constraints, or weather.

Site Clearing

All structural materials associated with the existing buildings, including footings and floor slabs, should be removed from the site. Clearing operations should also include the removal of all existing structural features such as asphaltic concrete pavement, and concrete walkways within the area of the proposed new building. Existing pavement within areas of proposed development should be removed or processed to a maximum 3-inch size and stockpiled for use as compacted fill or stabilizing material for the new development. Processed asphalt may be used as fill, sub-base course material, or subgrade stabilization material beyond the building perimeter. Processed concrete or existing base may be used as fill, sub-base course material, or subgrade stabilization material both within and outside of the building perimeter. Clean existing base may be reused as base for the new pavement and as stabilization fill within the building area. Due to the moisture sensitivity and variable support characteristics of the on-site soils, the pavement is recommended to remain in-place as long as possible to help protect the subgrade from construction traffic disturbance and rain events.

Should any unusual soil conditions or subsurface structures be encountered during demolition operations or during grading, they should be brought to the immediate attention of the project geotechnical consultant for corrective recommendations.

Existing Utilities

All existing utilities should be located. Utilities that are not reused should be capped off and properly abandoned in-place in accordance with local codes and ordinances. The excavations made for removed utilities that are in the influence zone of new construction are recommended to be backfilled with structural compacted fill. Underground utilities, which are to be reused or abandoned in-place, are recommended to be evaluated by the structural engineer and utility backfill is recommended to be evaluated by the geotechnical engineer, to determine their potential effect on the new development. If any existing utilities are to be preserved, construction operations must be carefully performed so as not to disturb or damage the existing utility.

Building Area

Our consolidation test results as well as the low SPT N values indicated the presence of compressible on-site clayey soils and are susceptible to a moderate degree of consolidation under the weight of the new building and new compacted fills. Long-term settlement due to the new building loads and engineered fill is estimated to be about 1 to 2 inches.

Due to the presence of variable strength characteristics of the near surface on-site soils, and the likely disturbance of the subgrade soils during removal of existing building foundations and floor slab, it is recommended that the soils within the proposed new building area and an appropriate distance beyond (5 feet minimum if applicable) be over-excavated to a depth of at least 4 feet below existing grade or planned pad grade, and at least 3 feet below the bottom of foundations and floor slab whichever is lower in elevation. Compacted crushed aggregate material (2-to-4 inch diameter) about 6 inches thick should be placed at the bottom of the excavation followed by a layer of geogrid, such as Tensor Biaxial Geogrid TX140 or better, and then by imported well graded granular material compacted in place to at least 90% of the soils maximum dry density as determined by Modified Proctor (ASTM D-1557). A representative of the project geotechnical consultant should be present on site during grading operations to verify proper placement and adequate compaction of all fills.

Positive drainage devices such as sloped concrete flatwork, earth swales and sheet flow gradients in landscape area, perimeter flow-through planter, and surface drain system should be designed for the site. The drainage system should drain to a suitable discharge area. The purpose of this drainage system is to reduce water infiltration into the subgrade soils and to direct water away from buildings and site improvements.



All utility trench backfill should be placed in lifts no greater than 8 inches in thickness, moisture conditioned and then compacted in place to a minimum relative compaction of 90 percent of the soil's maximum density. A representative of the project geotechnical engineer should probe and test the backfills to document adequacy of compaction.

Proofroll and Compact Subgrade

Following site clearing, the subgrades within the proposed pavement areas should be proofrolled in the presence of the geotechnical engineer with appropriate rubber-tire mounted heavy construction equipment or a loaded truck to detect very loose/soft yielding soil which should be removed to a stable subgrade. Following proofrolling and completion of any necessary over-excavation, the subgrade should be scarified to a minimum depth of 8 inches, moisture conditioned and recompacted to at least 90 percent of the Modified Proctor (ASTM D1557-00) maximum density. The upper 1 foot of the pavement subgrade should have minimum in-place density of at least 95% of the maximum dry density. Low areas and excavations may then be backfilled in lifts with suitable low expansive (EI less than 51) structural compacted fill. The selection, placement and compaction of structural fill should be performed in accordance with the project specifications.

The Guide Specifications included in Appendix D (Modified Proctor) of this report are recommended to be used, at a minimum, as an aid in developing the project specifications. The floor slab subgrade may need to be recompacted prior to slab construction due to weather and equipment traffic effects on the previously compacted soil.

Reuse of On-site Soil

On-site material may be reused as structural compacted fill (if needed) within the proposed building and pavement area provided they do not contain oversized materials and significant quantities of organic matter or other deleterious materials. Care should be used in controlling the moisture content of the soils to achieve proper compaction for load bearing. All subgrade soil compaction as well as the selection, placement and compaction of new fill soils should be performed in accordance with the project specifications under engineering controlled conditions.

Import Structural Fill

The soils imported to the site for use as structural fill should consist of very low to low expansive soils (EI less than 51). Material designated for import should be submitted to the project geotechnical engineer no less than three working days for evaluation.

In addition to expansion criteria, soils imported to the site should exhibit adequate: shear strength characteristics for the recommended allowable soil bearing pressure; soluble sulfate content and corrosivity; and pavement support characteristics.

Subgrade Protection

The near surface soils that are expected to comprise the subgrade are sensitive to water. Unstable soil conditions will develop if these soils are exposed to moisture increases or are disturbed (rutted) by construction traffic. The site should be graded to prevent water from ponding within construction areas and/or flowing into excavations. Accumulated water must be removed immediately along with any unstable soil. Foundation concrete should be placed and excavations backfilled as soon as possible to protect the bearing grade. The degree of subgrade instability and associated remedial construction is dependent, in part, upon precautions taken by the contractor to protect the subgrade during site development.

Silt fences or other appropriate erosion control devices should be installed in accordance with local, state and federal requirements at the perimeter of the development areas to control sediment from erosion. Since silt fences or other erosion control measures are temporary structures, careful and continuous monitoring and periodic maintenance to remove accumulated soil and/or replacement should be expected.

Fill Placement

Material for engineered fill should be select free of organic material, debris, and other deleterious substances, and should not contain fragments greater than 3 inches in maximum dimension. On-site excavated soils that meet these requirements may be used to backfill the excavated building pad and pavement areas.

All on-site fill should be placed in 8-inch-thick maximum loose lifts, moisture conditioned and then compacted in place to at least 90 percent of the Modified Proctor maximum density in accordance with the enclosed "Guide Structural Fill Specifications". A representative of the project geotechnical engineer should be present on-site during grading operations to verify proper placement and compaction of all fill, as well as to verify compliance with the other geotechnical recommendations presented herein.

6.3 Construction Considerations

Construction Dewatering

Groundwater was encountered at a depth of about 40 feet below existing ground surface during our subsurface investigation with a historic high groundwater depth of 20 feet. Therefore, groundwater is not expected to impact shallow excavations for footings and utilities. However, the site may be susceptible to the development of shallow perched water conditions during wet periods. In the event that shallow perched water is encountered, filter sump pumps placed within pits in the bottoms of excavations are expected to be the most feasible method of construction dewatering.



Soil Excavation

Some slope stability problems may be encountered in steep, unbraced excavations considering the nature of the subsoils. All excavations must be performed in accordance with CAL-OSHA requirements, which is the responsibility of the contractor. Shallow excavations may be adequately sloped for bank stability while deeper excavations or excavations in areas where adequate back sloping.

6.4 Foundation Recommendations

Upon completion of the recommended building pad preparation, the proposed structure may be supported by a shallow foundation system consisting of a continuous strip footing for support of the perimeter walls with a thickened slab for support of interior walls and/or columns. The strip footings that will support the perimeter bearing walls footings may be designed for a maximum, net, allowable soil-bearing pressure of 3,000 pounds per square foot (psf) for pad and continuous strip footings. Minimum footing widths are recommended to be 18 and 24 inches for walls and columns, respectively. The maximum allowable bearing pressure is recommended to be 2,500 psf for the monolithically constructed foundation and floor slab (thickened slab) supporting load bearing interior walls and/or columns.

Reinforcing

The minimum longitudinal steel reinforcing within the perimeter wall footings is recommended to be six No. 5 bars (3 top and 3 bottom) for geotechnical considerations due to the variable strength characteristic of the near surface soils below the structural fill layer. The recommended reinforcing pertains to a maximum 24-inch wide and minimum 12-inch thick footing pad; additional steel reinforcing may be necessary if a thinner or wider footing pad is used to develop equivalent rigidity. The final design of the foundations as well as the determination of the steel reinforcing should, therefore, be performed by a qualified structural engineer.

Lateral Load Resistance

Lateral load resistance will be developed by a combination of friction acting at the base of foundations and slabs and the passive earth pressure developed by footings below grade. Passive pressure and friction may be used in combination, without reduction, in determining the total resistance to lateral loads. A one-third increase in the passive pressure value may be used for short duration wind or seismic loads.

A coefficient of friction of 0.30 may be used with dead load forces for footings placed on newly placed compacted fill soil. An allowable passive earth pressure of 250 psf per foot of footing depth (pcf) below the lowest adjacent grade may be used for the sides of footings placed against newly placed structural fill. The maximum recommended allowable passive pressure is 1,500 psf.

Bearing Material Criteria

Structural fill placed and compacted under engineering controlled conditions continuous from a suitable existing native soils are considered to be suitable for direct foundation support. Soil suitable to serve as the subgrade for placement of structural fill within the zone of footing influence should exhibit at least a stiff comparative consistency (average q_u of at least 1.5 tsf) for cohesive soils for the recommended allowable soil bearing pressure. For design and construction estimating purposes, suitable bearing soils are expected to be encountered at nominal foundation depths, following site grading activities.

Evaluation of the subgrade within the zone of footing influence prior to fill placement should be performed using appropriate bearing capacity testing methods and in-situ testing equipment such as dynamic or static cone penetrometers depending upon the material and should typically include testing to a depth of 3 feet below the structural fill subgrade. The actual depth of evaluation may be revised at the discretion of the geotechnical engineer. If unsuitable bearing soils are encountered, they should be recompacted in-place if feasible, or excavated to a suitable bearing soil subgrade and to a lateral extent as defined by Item No. 3 of the enclosed Guide Specifications, with the excavation backfilled with structural compacted fill to develop a uniform bearing grade.

Foundation Embedment

The California Building Code (CBC) requires a minimum 12-inch foundation embedment depth. However, it is recommended that exterior foundations extend at least 18 inches below the adjacent exterior grade for bearing capacity and to provide greater protection of the moisture sensitive bearing soils. Interior footings may be supported at nominal depth below the floor. All footings must be protected against weather and water damage during and after construction, and must be supported within suitable bearing materials.

In the event rain gardens and bio-filters be constructed adjacent to the new building foundation, we recommend that the footings should extend at least 2 feet below the bottom of the rain gardens and bio-filters and a lateral distance of at least 5 feet beyond the end of the rain garden and bio-filters to reduce the potential effect of saturating the supporting materials and their subsequent reduction in strength and increase in settlement characteristics.

Estimated Foundation Movement

Post-construction total and differential settlement of a shallow foundation system designed and constructed in accordance with the recommendations provided in this report are estimated to be less than 1 and $\frac{1}{2}$ inch, respectively, for static conditions. The estimated differential movement is anticipated to result in an angular distortion of less than 0.002 inches per inch on the basis of the $\frac{1}{2}$ inch differential movement occurring over a minimum span of 20 feet. The maximum estimated total and differential movement is considered within tolerable limits for the proposed structures provided it is considered in the structural design.

6.5 Floor Slab Recommendations

Subgrade

The floor slab subgrade should be prepared in accordance with the appropriate recommendations presented in the Site Development Recommendations section of this report. Foundation, utility trenches and other below-slab excavations should be backfilled with structural compacted fill in accordance with the project specifications.

Design

The ground floor of the proposed structure may be designed and constructed as load-bearing slab-on-grade in which the slab includes thickened areas below the interior walls and/or columns for support. The at-grade floor may be designed as a "Mat on Elastic Foundation" using a Modulus of Subgrade Reaction (k_v) of 90 kips per cubic foot (kcf) where the slab provides structural support for the interior load bearing walls and/or columns. The design of the slab may also be based upon an allowable soil bearing pressure of 2,500 psf for distribution of structural loads. The design of the slab is recommended to be performed by the project structural engineer to ensure proper reinforcing and thickness.

The floor slab is recommended to be underlain by a 4-inch thick layer of compacted granular material. A minimum 10-mil vapor retarder is recommended to be directly below the floor slab or base course throughout the entire floor area with 2 inches of sand placed above the 10-mil vapor retarder. It is recommended that a structural engineer or architect specify the vapor retarder location with careful consideration of concrete curing and the effects of moisture on future flooring materials. The vapor retarder is recommended to be in accordance with ASTM E 1745-97, which is entitled: *Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs*. If the base course has sharp, angular aggregate, protecting the retarder with a geotextile (or by other means) is recommended.

Estimated Settlement

With proper site preparation and construction monitoring, the total and differential settlements of a load bearing slab-on-grade, are estimated to be less than $\frac{3}{4}$ and $\frac{1}{4}$ inches across a 10 foot span, respectively. Therefore, settlements are on the order of the estimates for the building perimeter foundation where the slab and perimeter footings are combining as one structural foundation unit.

6.6 Pavement Recommendations

Asphalt Pavement

The following recommendations for the new pavement are intended for vehicular traffic associated with the new development within the subject property.

New Pavement Subgrades

Following completion of the recommended subgrade preparation procedures, the subgrade in areas of new pavement construction are expected to consist of existing on-site soils that exhibit a low to medium expansion potential. The anticipated subgrade soils are classified as a fair subgrade material with an estimated R-value of 5 to 10 when properly prepared based on the Unified Soil Classification System designation of CL. An R-value of 5 has been assumed in the preparation of the pavement design. It should however, be recognized that the City of San Jose may require a specific R-value test to verify the use of the following design. It is recommended that this testing, if required, be conducted following completion of rough grading in the proposed pavement areas so that the R-value test results are indicative of the actual pavement subgrade soils. Alternatively, a minimum code pavement section may be required if a specific R-value test is not performed. To use this R-value, all fill added to the pavement subgrade must have pavement support characteristics at least equivalent to the existing soils, and must be placed and compacted in accordance with the project specifications.

Asphalt Pavements

The following table presents recommended thicknesses for a new flexible pavement structure consisting of asphaltic concrete over a granular base, along with the appropriate CALTRANS specifications for proper materials and placement procedures. An alternate pavement section has been provided for use in parking stall areas due to the anticipated lower traffic intensity in these areas. However, care must be used so that truck traffic is excluded from areas where the thinner pavement section is used, since premature pavement distress may occur. In the event that heavy vehicle traffic cannot be excluded from the specific areas, the pavement section recommended for drive lanes should be used throughout the parking lot.

ASPHALT PAVEMENTS			
Materials	Thickness (inches)		CALTRANS Specifications
	Parking Stalls	Drive Lanes	
Asphaltic Concrete Surface Course (b)	1	1	Section 39, (a)
Asphaltic Concrete Binder Course (b)	2	2	Section 39, (a)
Crushed Aggregate Base Course	8	10	Section 26, Class 2 (R-value at least 78)

NOTES:
 (a) Compaction to density between 95 and 100 percent of the 50-Blow Marshall Density
 (b) The surface and binder course may be combined as a single layer placed in one lift if similar materials are utilized.

Pavement recommendations are based upon CALTRANS design parameters for a twenty-year design period and assume proper drainage and construction monitoring. It is, therefore, recommended that the geotechnical engineer monitors and tests subgrade preparation, and that the subgrade be evaluated immediately before pavement construction.

Portland Concrete Pavements

Portland Cement Concrete pavements are recommended in areas where traffic is concentrated such as the entrance/exit aprons as well as areas subjected to heavy loads such as the trash enclosure loading zone. The preparation of the subgrade soils within concrete pavement areas should be performed as previously described in this report. Portland Cement Concrete pavements in high stress areas are recommended to be at least 7 inches thick containing No. 4 bars at 18-inch on-center both ways placed at mid-height. The pavement should be constructed in accordance with Section 40 of the CALTRANS Standard Specifications. A minimum 4-inch thick layer of base course (CALTRANS Class 2) is recommended below the concrete pavement. This base course should be compacted to at least 95% of the material's maximum dry density.

The maximum joint spacing within all of the Portland Cement Concrete pavements is recommended to be 15 feet or less to control shrinkage cracking. Load transfer reinforcing is recommended at construction joints perpendicular to traffic flow if construction joints are not properly keyed. In this event, ¾-inch diameter smooth dowel bars, 18 inches in length placed at 12 inches on-center are recommended where joints are perpendicular to the anticipated traffic flow. Expansion joints are recommended only where the pavement abuts fixed objects such as light standard foundations. Tie bars are recommended at the first joint within the perimeter of the concrete pavement area. Tie bars are recommended to be No. 4 bars at 42-inch on-center spacings and at least 48 inches in length.

General Considerations

Pavement recommendations assume proper drainage and construction monitoring and are based on traffic loads as indicated previously. Pavement designs are based on either PCA or CALTRANS design parameters for twenty (20) year design period. However, these designs are also based on a routine pavement maintenance program and significant asphalt concrete pavement rehabilitation after about 8 to 10 years, in order to obtain a reasonable pavement service life. Due to the presence of variable strength on-site soils, some increased pavement maintenance should be expected.

6.7 Recommended Construction Materials Testing Services

The report was prepared assuming that Giles will perform Construction Materials Testing (CMT) services during construction of the proposed development. In general, CMT services are recommended (and expected) to at least include observation and testing of foundation and pavement support soil and other construction materials. It might be necessary for Giles to provide supplemental geotechnical recommendations based on the results of CMT services and specific details of the project not known at this time.



6.8 Basis of Report

This report is based on Giles' proposal, which is dated July 25, 2013 and is referenced by Giles' proposal number 2GP-1307014. The actual services for the project varied somewhat from those described in the proposal because of the conditions that were encountered while performing the services and in consideration of the proposed project.

This report is strictly based on the project description given earlier in this report. Giles must be notified if any parts of the project description or our assumptions are not accurate so that this report can be amended, if needed. This report is based on the assumption that the facility will be designed and constructed according to the codes that govern construction at the site.

The conclusions and recommendations in this report are based on estimated subsurface conditions as shown on the *Records of Subsurface Exploration*. Giles must be notified if the subsurface conditions that are encountered during construction of the proposed development differ from those shown on the *Records of Subsurface Exploration* because this report will likely need to be revised. General comments and limitations of this report are given in the appendix.

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A

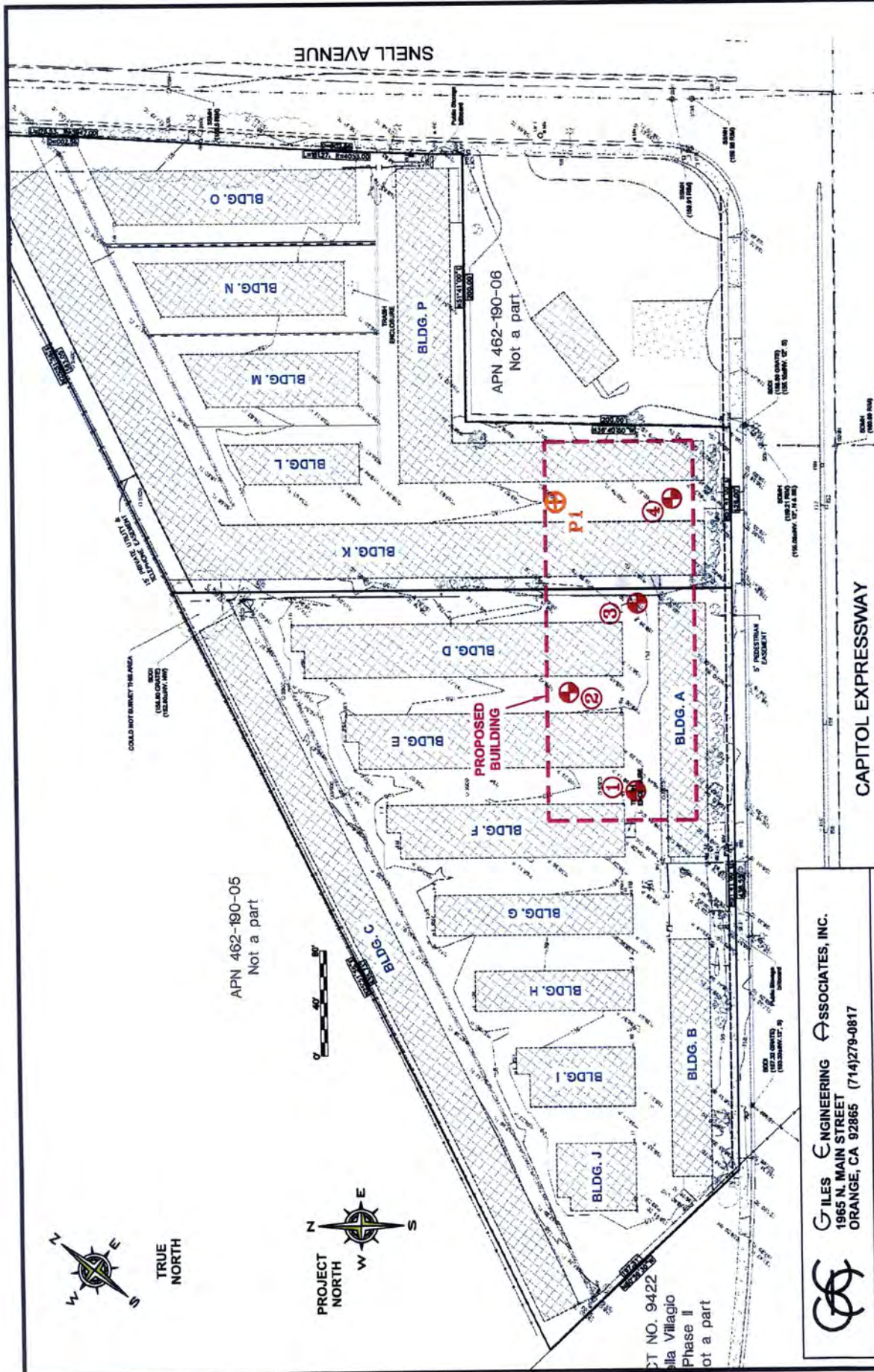
APPENDIX A

FIGURES AND TEST BORING LOGS

The Boring Location Plan contained herein was prepared based upon information supplied by Giles' client, or others, along with Giles' field measurements and observations. The diagram is presented for conceptual purposes only and is intended to assist the reader in report interpretation.

The Test Boring Logs and related information enclosed herein depict the subsurface (soil and water) conditions encountered at the specific boring locations on the date that the exploration was performed. Subsurface conditions may differ between boring locations and within areas of the site that were not explored with test borings. The subsurface conditions may also change at the boring locations over the passage of time.





TRUE NORTH



PROJECT NORTH

APN 462-190-05
Not a part



APN 462-190-06
Not a part

CT NO. 9422
Villa Villagio
Phase II
of a part

GILES ENGINEERING & ASSOCIATES, INC.
1965 N. MAIN STREET
ORANGE, CA 92865 (714)279-0817



CAPITOL EXPRESSWAY

SNELL AVENUE

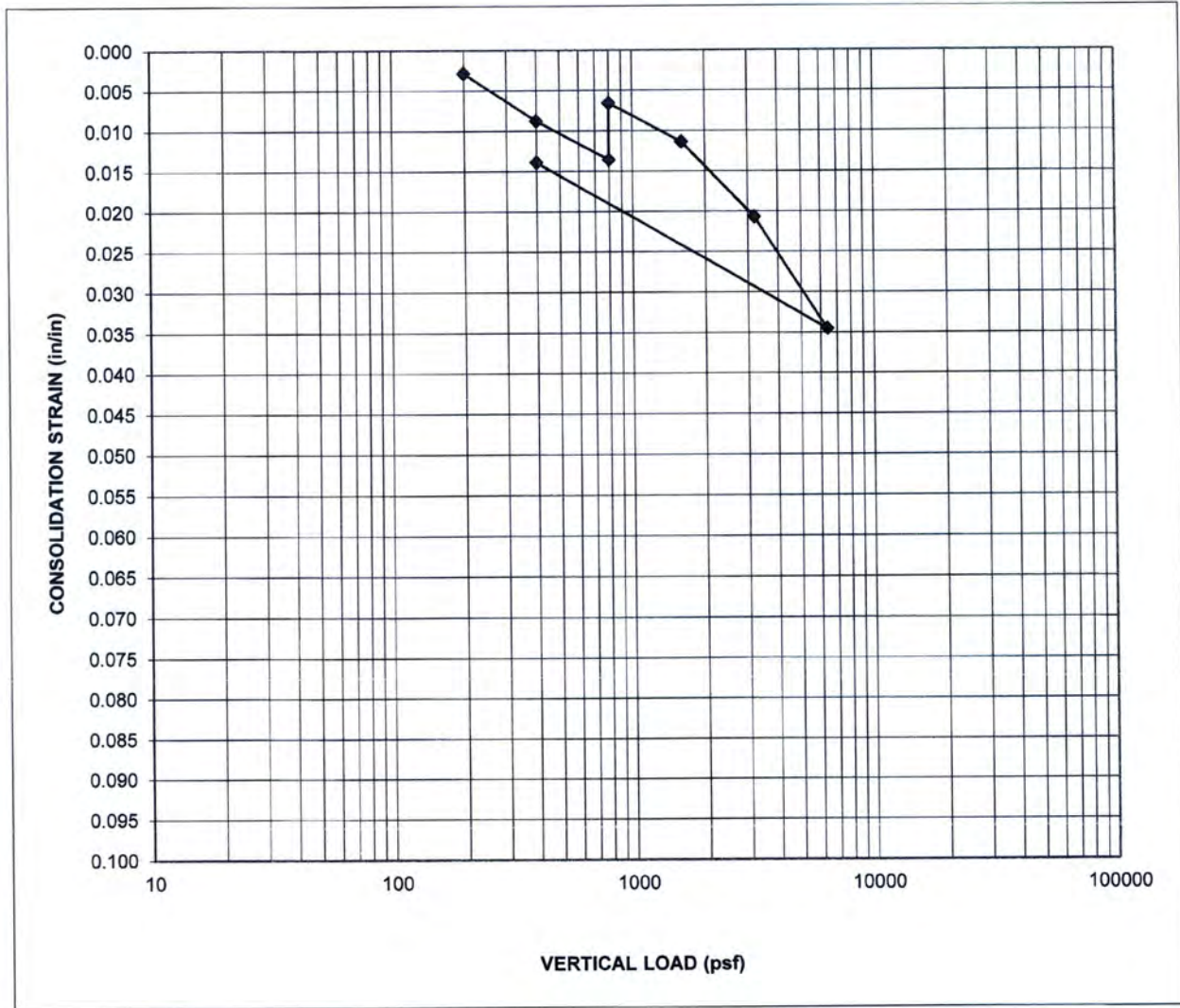
NOTES:
 1.) TEST BORING LOCATIONS ARE APPROXIMATE.
 2.) BASE MAP DEVELOPED FROM THE "TOPOGRAPHIC SURVEY", PREPARED BY LARS ANDERSEN & ASSOCIATES, INC.
 3.) PROPOSED BUILDING IS APPROXIMATE BASED ON THE "SITE PLAN" DATED 10-15-13, PREPARED BY LARS ANDERSEN & ASSOCIATES, INC.

LEGEND:
 ① GEOTECHNICAL TEST BORING
 ② PERCOLATION TEST BORING
 P1

DESIGNED	DRAWN	SCALE	DATE	REVISED
JLM	JSZ	approx. 1"=100'	11-01-13	--
PROJECT NO.: 2G-1309003			CAD No. 2g1309003-bjp	

FIGURE 1
 TEST BORING LOCATION PLAN
 PUBLIC STORAGE
 NWC, W. CAPITAL EXPRESSWAY AND SNELL AVENUE
 SAN JOSE, CALIFORNIA

CONSOLIDATION / COLLAPSE TEST ASTM D2435/ASTM D5333



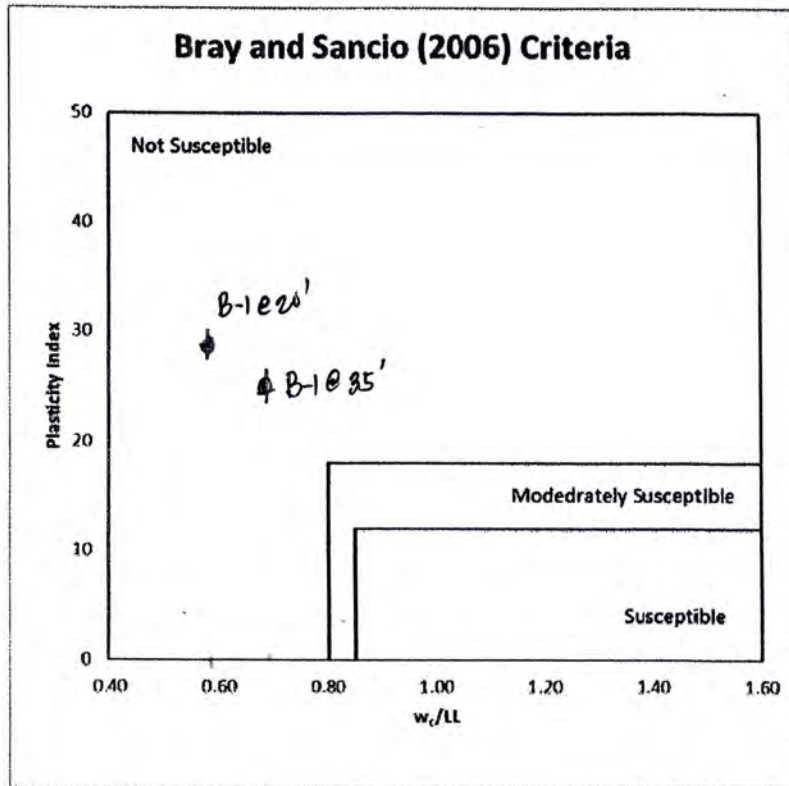
Classification	Clay		
Boring No.	B-2	Initial Moisture Content (%)	17.3
Sample No.	2-CS	Final Moisture Content (%)	18.4
Depth (ft.)	3.5 - 5.0	Natural Density (pcf)	131.0
Elevation		Initial Dry Density (pcf)	111.7
Liquid Limit	43	Final Dry Density (pcf)	113.3
Plastic Limit	20	Swell @ 800 psf	0.7%
Specimen Diameter (in.)	2.42		
Initial Specimen Thickness (in.)	1.00		

Sample inundated at 800 psf pressure

Project:	PS Capitol Expressway San Jose, CA
Client:	Public Storage
Project No.:	2G-1309003
Figure No.:	2

GILES ENGINEERING ASSOCIATES, INC.

-GEOTECHNICAL, ENVIRONMENTAL, AND CONSTRUCTION MATERIALS-
1965 NORTH MAIN STREET, ORANGE, CALIFORNIA
OFFICE: 714-279-0817 FAX: 714-279-9687



GILES ENGINEERING
ASSOCIATES, INC.

LIQUEFACTION SUSCEPTIBILITY CRITERIA

Public Storage Four Story Building
NWC Capitol Expressway and Snell Avenue
San Jose, California

Figure By
E.G.

Map No.
n/a

Date
10/31/13

Project No.
2G-1309003

Figure No.
3

RECORD OF SUBSURFACE EXPLORATION



**GILES ENGINEERING
ASSOCIATES, INC.**
Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando

BORING NO. & LOCATION: B-1	PROJECT: Proposed Four-Story Public Storage Building
SURFACE ELEVATION: 159.0'	PROJECT LOCATION: NWC W. Capitol Expressway & Snell Ave.
COMPLETION DATE: 9/25/13	San Jose, CA
FIELD REPRESENTATIVE: Larry Ballard	GILES PROJECT NUMBER: 2G-1309003

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q _u (tsf)	q _p (tsf)	q _s (tsf)	W (%)	PID	NOTES
Approximately 3 inches of asphaltic concrete over 3 inches of aggregate base		1 SS	11	3.7			19		LL = 43 PL = 20 PI = 23
Dark Brown Sandy Clay - Moist (Fill)		2 SS	5			19			
Light Brown Clay - Moist (Native)	5	3 SS	14		4.5+	18			
Light Brown Clay - Moist		4 SS	5		1.5	19			
	10	5 SS	4		1.5	22			
	20	6 SS	6			27		LL = 47 PL = 18 (PI=29) P ₂₀₀ = 96%	
Light Brown to Olive Brown Silty fine Sand to Light Brown Silty Clay - Moist	25	7 SS	8			22		P ₂₀₀ = 58%	
Olive Brown Clay - Very Moist to Wet	30	8 SS	8			32			
	35	9 SS	7			32		LL = 48 PL = 22 (PI = 26)	
	40	10 SS	4			28			
Olive Brown to Dark Gray Silty fine Sand - Very Moist	45	11 SS	11			30		P ₂₀₀ = 49%	

Boring terminated at 46.5 feet.
Groundwater encountered at 40 feet.

WATER OBSERVATION DATA	REMARKS
▽ WATER ENCOUNTERED DURING DRILLING: 40	CS = California Split Spoon
▽ WATER LEVEL AFTER REMOVAL:	SS = Standard Penetration Test
▨ CAVE DEPTH AFTER REMOVAL:	qu = Unconfined compressive strength
▽ WATER LEVEL AFTER HOURS:	qp = Pocket penetrometer
▨ CAVE DEPTH AFTER HOURS:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between borings. Location of Test Boring is shown on the Boring Location Plan.

RECORD OF SUBSURFACE EXPLORATION



**GILES ENGINEERING
ASSOCIATES, INC.**
Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando

BORING NO. & LOCATION: B-2	PROJECT: Proposed Four-Story Public Storage Building
SURFACE ELEVATION: 158.5'	PROJECT LOCATION: NWC W. Capitol Expressway & Snell Ave.
COMPLETION DATE: 9/25/13	San Jose, CA
FIELD REPRESENTATIVE: Larry Ballard	GILES PROJECT NUMBER: 2G-1309003

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q _u (tsf)	q _p (tsf)	q _s (tsf)	w (%)	PID	NOTES
Approximately 3.5 inches of asphaltic concrete over 3 inches of aggregate base.									
Dark Brown fine Sandy Clay - Moist (Fill)		1 SS	11	3.9			18		
Light Brown Clay - Moist (Native)	5	2 CS	11		4.5+		19		Dd = 108.6 pcf
Light Brown Clay - Moist to Very Moist		3 SS	9		2.75		20		
	10	4 SS	7		2.0		19		
	15	5 SS	5		1.25		26		
	20	6 SS	7				31		

Boring terminated at 21.5 feet.
No groundwater encountered.

WATER OBSERVATION DATA	REMARKS
<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> WATER ENCOUNTERED DURING DRILLING: None </div>	SS = Standard Penetration Test qp = Pocket penetrometer
<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> WATER LEVEL AFTER REMOVAL: </div>	
<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> CAVE DEPTH AFTER REMOVAL: </div>	
<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> WATER LEVEL AFTER HOURS: </div>	
<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; border: 1px solid black; margin-right: 5px;"></div> CAVE DEPTH AFTER HOURS: </div>	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between borings. Location of Test Boring is shown on the Boring Location Plan.

RECORD OF SUBSURFACE EXPLORATION



**GILES ENGINEERING
ASSOCIATES, INC.**

Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando

BORING NO. & LOCATION: B-3	PROJECT: Proposed Four-Story Public Storage Building
SURFACE ELEVATION: 159.0'	PROJECT LOCATION: NWC W. Capitol Expressway & Snell Ave.
COMPLETION DATE: 9/25/13	San Jose, CA
FIELD REPRESENTATIVE: Larry Ballard	GILES PROJECT NUMBER: 2G-1309003

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q _u (tsf)	q _p (tsf)	q _s (tsf)	W (%)	PID	NOTES
Approximately 3 inches of asphaltic concrete over 4.5 inches of aggregate base									
Olive Light Brown to Dark Brown fine Sandy Clay - Moist (Fill)		1 SS	17				15		
Light Brown fine Sandy Clay - Moist (Possible Native)	5	2 SS	7		2.75		14		
		3 CS	26		4.5+		15		Dd = 108.8 pcf
Light Brown Clay - Moist	10	4 SS	11		3.5		17		
Light Brown Clay - Very Moist	15	5 SS	5				22		

Boring terminated at 16.5 feet.
No groundwater encountered.

WATER OBSERVATION DATA	REMARKS
<input type="checkbox"/> WATER ENCOUNTERED DURING DRILLING: None	CS = California Split Spoon SS = Standard Penetration Test qp = Pocket penetrometer
<input type="checkbox"/> WATER LEVEL AFTER REMOVAL:	
<input type="checkbox"/> CAVE DEPTH AFTER REMOVAL:	
<input type="checkbox"/> WATER LEVEL AFTER HOURS:	
<input type="checkbox"/> CAVE DEPTH AFTER HOURS:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between borings. Location of Test Boring is shown on the Boring Location Plan.

RECORD OF SUBSURFACE EXPLORATION



**GILES ENGINEERING
ASSOCIATES, INC.**

Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando

BORING NO. & LOCATION: B-4	PROJECT: Proposed Four-Story Public Storage Building
SURFACE ELEVATION: 160.5'	PROJECT LOCATION: NWC W. Capitol Expressway & Snell Ave.
COMPLETION DATE: 9/25/13	San Jose, CA
FIELD REPRESENTATIVE: Larry Ballard	GILES PROJECT NUMBER: 2G-1309003

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q _u (tsf)	q _p (tsf)	q _s (tsf)	W (%)	PID	NOTES
Approximately 2 inches of asphaltic concrete over 3 inches of aggregate base									
Olive Brown fine and coarse Sandy Clay - Moist (Fill)		1 SS	12				15		
Light Brown fine Sandy Clay - Moist (Native)	5	2 CS	18		3.0		20		Dd = 103.5 pcf
Dark Brown Clay - Moist to Very Moist		3 SS	13		4.5+		17		
	10	4 SS	6		2.75		20		
	15	5 SS	5		1.75		22		

Boring terminated at 16.5 feet.
No groundwater encountered.

WATER OBSERVATION DATA	REMARKS
<input type="checkbox"/> WATER ENCOUNTERED DURING DRILLING: None	CS = California Split Spoon SS = Standard Penetration Test qp = Pocket penetrometer
<input type="checkbox"/> WATER LEVEL AFTER REMOVAL:	
<input type="checkbox"/> CAVE DEPTH AFTER REMOVAL:	
<input type="checkbox"/> WATER LEVEL AFTER HOURS:	
<input type="checkbox"/> CAVE DEPTH AFTER HOURS:	

Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between borings. Location of Test Boring is shown on the Boring Location Plan.

RECORD OF SUBSURFACE EXPLORATION



**GILES ENGINEERING
ASSOCIATES, INC.**

Milwaukee Atlanta
Dallas Washington, D.C.
Los Angeles Orlando

BORING NO. & LOCATION: <p style="text-align: center;">P-1</p>	PROJECT: <p style="text-align: center;">Proposed Four-Story Public Storage Building</p>
SURFACE ELEVATION: <p style="text-align: center;">160.0'</p>	PROJECT LOCATION: <p style="text-align: center;">NWC W. Capitol Expressway & Snell Ave.</p>
COMPLETION DATE: <p style="text-align: center;">9/25/13</p>	<p style="text-align: center;">San Jose, CA</p>
FIELD REPRESENTATIVE: <p style="text-align: center;">Larry Ballard</p>	GILES PROJECT NUMBER: 2G-1309003

MATERIAL DESCRIPTION	Feet Below Surface	Sample No. & Type	N	q _u (tsf)	q _p (tsf)	q _s (tsf)	W (%)	PID	NOTES
Approximately 3.5 inches of asphaltic concrete over 2 inches of aggregate base Light Brown fine to coarse Sandy Clay - Very Moist	1	1 AU					19		
Dark Brown Clay - Moist	2	2 AU							
	5	3 AU					17		LL = 47 PL = 32 PI = 15 EI = 48

Boring terminated at 6.5 feet.
No groundwater encountered.

WATER OBSERVATION DATA	REMARKS
<input checked="" type="checkbox"/> WATER ENCOUNTERED DURING DRILLING: None <input checked="" type="checkbox"/> WATER LEVEL AFTER REMOVAL: <input type="checkbox"/> CAVE DEPTH AFTER REMOVAL: <input checked="" type="checkbox"/> WATER LEVEL AFTER HOURS: <input type="checkbox"/> CAVE DEPTH AFTER HOURS:	AU = Auger Cuttings

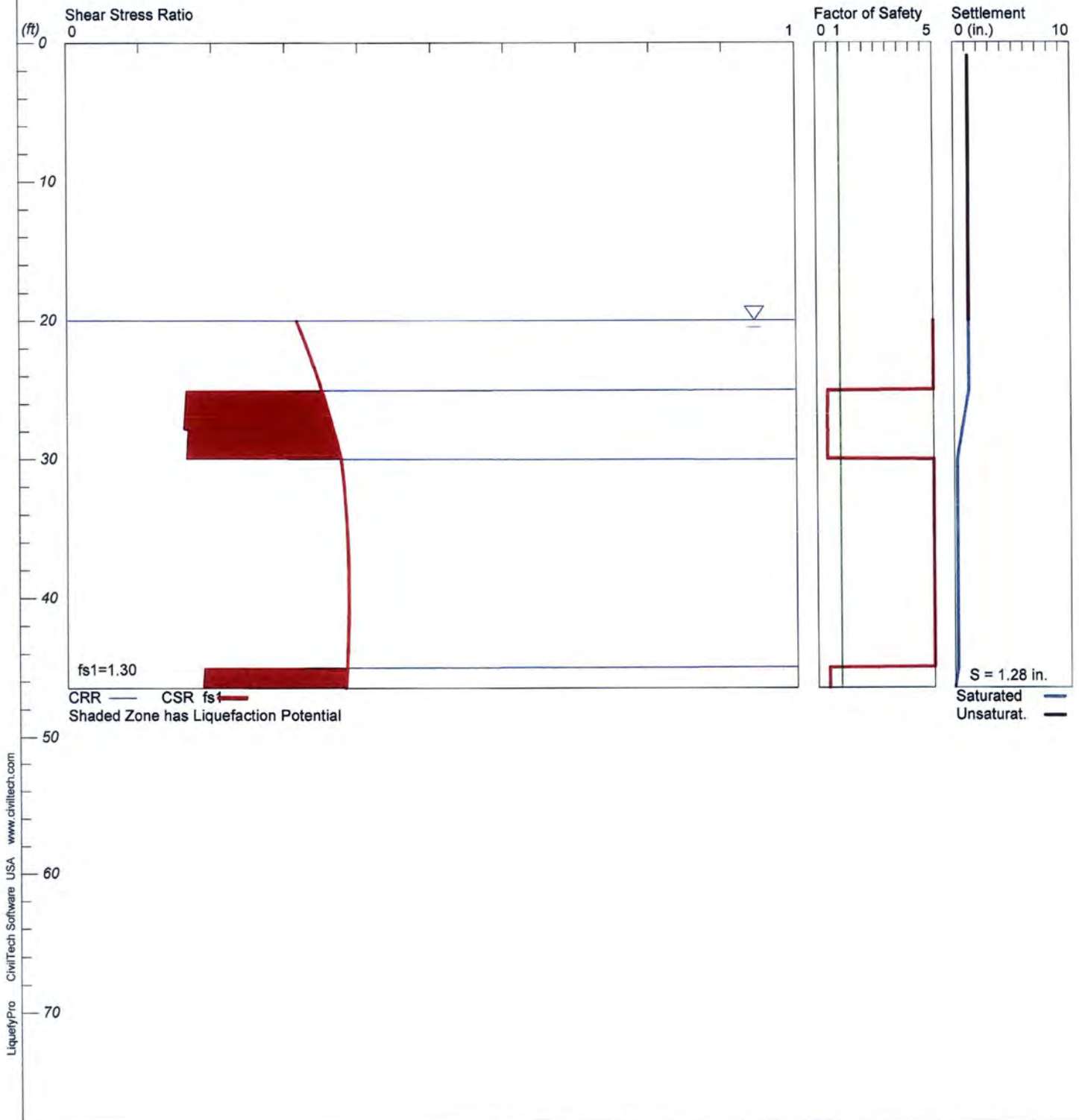
Changes in strata indicated by the lines are approximate boundary between soil types. The actual transition may be gradual and may vary considerably between borings. Location of Test Boring is shown on the Boring Location Plan.

LIQUEFACTION ANALYSIS

Public Storage - Capitol Expressway, San Jose, CA

Hole No.=B-1 Water Depth=20 ft Surface Elev.=159.0

Magnitude=7.9
Acceleration=0.51g



 LIQUEFACTION ANALYSIS CALCULATION DETAILS
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Font: Courier New, Regular, Size 8 is recommended for this report.
 Licensed to , 11/1/2013 8:37:45 AM

Input File Name: P:\Edgar Gatus\2G-1309003, Public Storage, Capitol Expressway, San Jose, CA\B1.liq
 Title: Public Storage - Capitol Expressway, San Jose, CA
 Subtitle: 2G-1309003

Input Data:

- Surface Elev.=159.0
- Hole No.=B-1
- Depth of Hole=46.50 ft
- Water Table during Earthquake= 20.00 ft
- Water Table during In-Situ Testing= 20.00 ft
- Max. Acceleration=0.51 g
- Earthquake Magnitude=7.90
- No-Liquefiable Soils: CL, OL are Non-Liq. Soil
- 1. SPT or BPT Calculation.
- 2. Settlement Analysis Method: Tokimatsu/Seed
- 3. Fines Correction for Liquefaction: Idriss/Seed
- 4. Fine Correction for Settlement: During Liquefaction*
- 5. Settlement Calculation in: All zones*
- 6. Hammer Energy Ratio, Ce = 1.25
- 7. Borehole Diameter, Cb= 1
- 8. Sampling Method, Cs= 1.2
- 9. User request factor of safety (apply to CSR) , User= 1.3

10. Average two input data between two Depths: No
 * Recommended Options

In-Situ Test Data:

Depth ft	SPT	Gamma pcf	Fines %
1.00	44.00	115.00	NoLiq
4.00	5.00	115.00	NoLiq
7.00	14.00	115.00	NoLiq
10.00	5.00	115.00	NoLiq
15.00	4.00	115.00	NoLiq
20.00	6.00	115.00	NoLiq
25.00	8.00	115.00	58.00
30.00	8.00	115.00	NoLiq
35.00	7.00	115.00	NoLiq
40.00	4.00	115.00	NoLiq
45.00	11.00	115.00	49.00

Output Results:

Calculation segment, dz=0.050 ft
 User defined Print Interval, dp=0.50 ft

Peak Ground Acceleration (PGA), a_max = 0.51g

CSR Calculation:

Depth ft	gamma pcf	sigma atm	gamma' pcf	sigma' atm	rd	mZ g	a(z) g	CSR	x fs1	=CSRfs
1.00	115.00	0.054	115.00	0.054	1.00	0.000	0.510	0.33	1.00	0.33
1.50	115.00	0.082	115.00	0.082	1.00	0.000	0.510	0.33	1.00	0.33
2.00	115.00	0.109	115.00	0.109	1.00	0.000	0.510	0.33	1.00	0.33
2.50	115.00	0.136	115.00	0.136	0.99	0.000	0.510	0.33	1.00	0.33
3.00	115.00	0.163	115.00	0.163	0.99	0.000	0.510	0.33	1.00	0.33
3.50	115.00	0.190	115.00	0.190	0.99	0.000	0.510	0.33	1.00	0.33
4.00	115.00	0.217	115.00	0.217	0.99	0.000	0.510	0.33	1.00	0.33
4.50	115.00	0.245	115.00	0.245	0.99	0.000	0.510	0.33	1.00	0.33

B1.cal

5.00	115.00	0.272	115.00	0.272	0.99	0.000	0.510	0.33	1.00	0.33
5.50	115.00	0.299	115.00	0.299	0.99	0.000	0.510	0.33	1.00	0.33
6.00	115.00	0.326	115.00	0.326	0.99	0.000	0.510	0.33	1.00	0.33
6.50	115.00	0.353	115.00	0.353	0.98	0.000	0.510	0.33	1.00	0.33
7.00	115.00	0.380	115.00	0.380	0.98	0.000	0.510	0.33	1.00	0.33
7.50	115.00	0.408	115.00	0.408	0.98	0.000	0.510	0.33	1.00	0.33
8.00	115.00	0.435	115.00	0.435	0.98	0.000	0.510	0.33	1.00	0.33
8.50	115.00	0.462	115.00	0.462	0.98	0.000	0.510	0.32	1.00	0.32
9.00	115.00	0.489	115.00	0.489	0.98	0.000	0.510	0.32	1.00	0.32
9.50	115.00	0.516	115.00	0.516	0.98	0.000	0.510	0.32	1.00	0.32
10.00	115.00	0.543	115.00	0.543	0.98	0.000	0.510	0.32	1.00	0.32
10.50	115.00	0.571	115.00	0.571	0.98	0.000	0.510	0.32	1.00	0.32
11.00	115.00	0.598	115.00	0.598	0.97	0.000	0.510	0.32	1.00	0.32
11.50	115.00	0.625	115.00	0.625	0.97	0.000	0.510	0.32	1.00	0.32
12.00	115.00	0.652	115.00	0.652	0.97	0.000	0.510	0.32	1.00	0.32
12.50	115.00	0.679	115.00	0.679	0.97	0.000	0.510	0.32	1.00	0.32
13.00	115.00	0.706	115.00	0.706	0.97	0.000	0.510	0.32	1.00	0.32
13.50	115.00	0.734	115.00	0.734	0.97	0.000	0.510	0.32	1.00	0.32
14.00	115.00	0.761	115.00	0.761	0.97	0.000	0.510	0.32	1.00	0.32
14.50	115.00	0.788	115.00	0.788	0.97	0.000	0.510	0.32	1.00	0.32
15.00	115.00	0.815	115.00	0.815	0.97	0.000	0.510	0.32	1.00	0.32
15.50	115.00	0.842	115.00	0.842	0.96	0.000	0.510	0.32	1.00	0.32
16.00	115.00	0.869	115.00	0.869	0.96	0.000	0.510	0.32	1.00	0.32
16.50	115.00	0.897	115.00	0.897	0.96	0.000	0.510	0.32	1.00	0.32
17.00	115.00	0.924	115.00	0.924	0.96	0.000	0.510	0.32	1.00	0.32
17.50	115.00	0.951	115.00	0.951	0.96	0.000	0.510	0.32	1.00	0.32
18.00	115.00	0.978	115.00	0.978	0.96	0.000	0.510	0.32	1.00	0.32
18.50	115.00	1.005	115.00	1.005	0.96	0.000	0.510	0.32	1.00	0.32
19.00	115.00	1.033	115.00	1.033	0.96	0.000	0.510	0.32	1.00	0.32
19.50	115.00	1.060	115.00	1.060	0.95	0.000	0.510	0.32	1.00	0.32
20.00	115.00	1.087	115.00	1.087	0.95	0.000	0.510	0.32	1.00	0.32
20.50	115.00	1.114	52.60	1.101	0.95	0.000	0.510	0.32	1.00	0.32
21.00	115.00	1.141	52.60	1.113	0.95	0.000	0.510	0.32	1.00	0.32
21.50	115.00	1.168	52.60	1.126	0.95	0.000	0.510	0.33	1.00	0.33
22.00	115.00	1.196	52.60	1.138	0.95	0.000	0.510	0.33	1.00	0.33
22.50	115.00	1.223	52.60	1.150	0.95	0.000	0.510	0.33	1.00	0.33
23.00	115.00	1.250	52.60	1.163	0.95	0.000	0.510	0.34	1.00	0.34
23.50	115.00	1.277	52.60	1.175	0.95	0.000	0.510	0.34	1.00	0.34
24.00	115.00	1.304	52.60	1.188	0.94	0.000	0.510	0.34	1.00	0.34
24.50	115.00	1.331	52.60	1.200	0.94	0.000	0.510	0.35	1.00	0.35
25.00	115.00	1.359	52.60	1.213	0.94	0.000	0.510	0.35	1.00	0.35
25.50	115.00	1.386	52.60	1.225	0.94	0.000	0.510	0.35	1.00	0.35
26.00	115.00	1.413	52.60	1.237	0.94	0.000	0.510	0.36	1.00	0.36
26.50	115.00	1.440	52.60	1.250	0.94	0.000	0.510	0.36	1.00	0.36
27.00	115.00	1.467	52.60	1.262	0.94	0.000	0.510	0.36	1.00	0.36
27.50	115.00	1.494	52.60	1.275	0.94	0.000	0.510	0.36	1.00	0.36
28.00	115.00	1.522	52.60	1.287	0.93	0.000	0.510	0.37	1.00	0.37
28.50	115.00	1.549	52.60	1.300	0.93	0.000	0.510	0.37	1.00	0.37
29.00	115.00	1.576	52.60	1.312	0.93	0.000	0.510	0.37	1.00	0.37
29.50	115.00	1.603	52.60	1.324	0.93	0.000	0.510	0.37	1.00	0.37
30.00	115.00	1.630	52.60	1.337	0.93	0.000	0.510	0.38	1.00	0.38
30.50	115.00	1.657	52.60	1.349	0.93	0.000	0.510	0.38	1.00	0.38
31.00	115.00	1.685	52.60	1.362	0.92	0.000	0.510	0.38	1.00	0.38
31.50	115.00	1.712	52.60	1.374	0.92	0.000	0.510	0.38	1.00	0.38
32.00	115.00	1.739	52.60	1.387	0.91	0.000	0.510	0.38	1.00	0.38
32.50	115.00	1.766	52.60	1.399	0.91	0.000	0.510	0.38	1.00	0.38
33.00	115.00	1.793	52.60	1.411	0.91	0.000	0.510	0.38	1.00	0.38
33.50	115.00	1.820	52.60	1.424	0.90	0.000	0.510	0.38	1.00	0.38
34.00	115.00	1.848	52.60	1.436	0.90	0.000	0.510	0.38	1.00	0.38
34.50	115.00	1.875	52.60	1.449	0.89	0.000	0.510	0.38	1.00	0.38
35.00	115.00	1.902	52.60	1.461	0.89	0.000	0.510	0.38	1.00	0.38
35.50	115.00	1.929	52.60	1.474	0.89	0.000	0.510	0.38	1.00	0.38
36.00	115.00	1.956	52.60	1.486	0.88	0.000	0.510	0.38	1.00	0.38
36.50	115.00	1.984	52.60	1.498	0.88	0.000	0.510	0.38	1.00	0.38
37.00	115.00	2.011	52.60	1.511	0.87	0.000	0.510	0.39	1.00	0.39
37.50	115.00	2.038	52.60	1.523	0.87	0.000	0.510	0.39	1.00	0.39
38.00	115.00	2.065	52.60	1.536	0.86	0.000	0.510	0.39	1.00	0.39
38.50	115.00	2.092	52.60	1.548	0.86	0.000	0.510	0.39	1.00	0.39
39.00	115.00	2.119	52.60	1.561	0.86	0.000	0.510	0.39	1.00	0.39
39.50	115.00	2.147	52.60	1.573	0.85	0.000	0.510	0.39	1.00	0.39

B1.cal										
40.00	115.00	2.174	52.60	1.585	0.85	0.000	0.510	0.39	1.00	0.39
40.50	115.00	2.201	52.60	1.598	0.84	0.000	0.510	0.39	1.00	0.39
41.00	115.00	2.228	52.60	1.610	0.84	0.000	0.510	0.39	1.00	0.39
41.50	115.00	2.255	52.60	1.623	0.84	0.000	0.510	0.39	1.00	0.39
42.00	115.00	2.282	52.60	1.635	0.83	0.000	0.510	0.39	1.00	0.39
42.50	115.00	2.310	52.60	1.648	0.83	0.000	0.510	0.38	1.00	0.38
43.00	115.00	2.337	52.60	1.660	0.82	0.000	0.510	0.38	1.00	0.38
43.50	115.00	2.364	52.60	1.672	0.82	0.000	0.510	0.38	1.00	0.38
44.00	115.00	2.391	52.60	1.685	0.82	0.000	0.510	0.38	1.00	0.38
44.50	115.00	2.418	52.60	1.697	0.81	0.000	0.510	0.38	1.00	0.38
45.00	115.00	2.445	52.60	1.710	0.81	0.000	0.510	0.38	1.00	0.38
45.50	115.00	2.473	52.60	1.722	0.80	0.000	0.510	0.38	1.00	0.38
46.00	115.00	2.500	52.60	1.735	0.80	0.000	0.510	0.38	1.00	0.38
46.50	115.00	2.527	52.60	1.747	0.80	0.000	0.510	0.38	1.00	0.38

CSR is based on water table at 20.00 during earthquake

CRR Calculation from SPT or BPT data:

Depth ft	SPT	Cebs	Cr	sigma' atm	Cn	(N1)60	Fines %	d(N1)60	(N1)60f	CRR7.5
1.00	44.00	1.50	0.75	0.054	1.70	84.15	NoLiq	21.83	105.98	2.00
1.50	44.00	1.50	0.75	0.082	1.70	84.15	NoLiq	21.83	105.98	2.00
2.00	44.00	1.50	0.75	0.109	1.70	84.15	NoLiq	21.83	105.98	2.00
2.50	44.00	1.50	0.75	0.136	1.70	84.15	NoLiq	21.83	105.98	2.00
3.00	44.00	1.50	0.75	0.163	1.70	84.15	NoLiq	21.83	105.98	2.00
3.50	44.00	1.50	0.75	0.190	1.70	84.15	NoLiq	21.83	105.98	2.00
4.00	44.00	1.50	0.75	0.217	1.70	84.15	NoLiq	21.83	105.98	2.00
4.50	5.00	1.50	0.75	0.245	1.70	9.56	NoLiq	6.91	16.48	0.18
5.00	5.00	1.50	0.75	0.272	1.70	9.56	NoLiq	6.91	16.48	0.18
5.50	5.00	1.50	0.75	0.299	1.70	9.56	NoLiq	6.91	16.48	0.18
6.00	5.00	1.50	0.75	0.326	1.70	9.56	NoLiq	6.91	16.48	0.18
6.50	5.00	1.50	0.75	0.353	1.68	9.46	NoLiq	6.89	16.36	0.18
7.00	14.00	1.50	0.75	0.380	1.62	25.54	NoLiq	10.11	35.64	2.00
7.50	14.00	1.50	0.75	0.408	1.57	24.67	NoLiq	9.93	34.60	2.00
8.00	14.00	1.50	0.75	0.435	1.52	23.89	NoLiq	9.78	33.66	2.00
8.50	14.00	1.50	0.85	0.462	1.47	26.26	NoLiq	10.25	36.52	2.00
9.00	14.00	1.50	0.85	0.489	1.43	25.52	NoLiq	10.10	35.63	2.00
9.50	14.00	1.50	0.85	0.516	1.39	24.84	NoLiq	9.97	34.81	2.00
10.00	5.00	1.50	0.85	0.543	1.36	8.65	NoLiq	6.73	15.38	0.17
10.50	5.00	1.50	0.85	0.571	1.32	8.44	NoLiq	6.69	15.13	0.16
11.00	5.00	1.50	0.85	0.598	1.29	8.25	NoLiq	6.65	14.89	0.16
11.50	5.00	1.50	0.85	0.625	1.26	8.06	NoLiq	6.61	14.68	0.16
12.00	5.00	1.50	0.85	0.652	1.24	7.89	NoLiq	6.58	14.47	0.16
12.50	5.00	1.50	0.85	0.679	1.21	7.73	NoLiq	6.55	14.28	0.15
13.00	5.00	1.50	0.85	0.706	1.19	7.58	NoLiq	6.52	14.10	0.15
13.50	5.00	1.50	0.85	0.734	1.17	7.44	NoLiq	6.49	13.93	0.15
14.00	5.00	1.50	0.85	0.761	1.15	7.31	NoLiq	6.46	13.77	0.15
14.50	5.00	1.50	0.85	0.788	1.13	7.18	NoLiq	6.44	13.62	0.15
15.00	4.00	1.50	0.95	0.815	1.11	6.31	NoLiq	6.26	12.58	0.14
15.50	4.00	1.50	0.95	0.842	1.09	6.21	NoLiq	6.24	12.45	0.13
16.00	4.00	1.50	0.95	0.869	1.07	6.11	NoLiq	6.22	12.34	0.13
16.50	4.00	1.50	0.95	0.897	1.06	6.02	NoLiq	6.20	12.22	0.13
17.00	4.00	1.50	0.95	0.924	1.04	5.93	NoLiq	6.19	12.12	0.13
17.50	4.00	1.50	0.95	0.951	1.03	5.85	NoLiq	6.17	12.01	0.13
18.00	4.00	1.50	0.95	0.978	1.01	5.76	NoLiq	6.15	11.92	0.13
18.50	4.00	1.50	0.95	1.005	1.00	5.68	NoLiq	6.14	11.82	0.13
19.00	4.00	1.50	0.95	1.033	0.98	5.61	NoLiq	6.12	11.73	0.13
19.50	4.00	1.50	0.95	1.060	0.97	5.54	NoLiq	6.11	11.64	0.13
20.00	4.00	1.50	0.95	1.087	0.96	5.47	NoLiq	6.09	11.56	0.13
20.50	6.00	1.50	0.95	1.101	0.95	8.15	NoLiq	6.63	14.78	0.16
21.00	6.00	1.50	0.95	1.113	0.95	8.10	NoLiq	6.62	14.72	0.16
21.50	6.00	1.50	0.95	1.126	0.94	8.06	NoLiq	6.61	14.67	0.16
22.00	6.00	1.50	0.95	1.138	0.94	8.01	NoLiq	6.60	14.62	0.16
22.50	6.00	1.50	0.95	1.150	0.93	7.97	NoLiq	6.59	14.57	0.16
23.00	6.00	1.50	0.95	1.163	0.93	7.93	NoLiq	6.59	14.51	0.16
23.50	6.00	1.50	0.95	1.175	0.92	7.89	NoLiq	6.58	14.46	0.16
24.00	6.00	1.50	0.95	1.188	0.92	7.85	NoLiq	6.57	14.41	0.16
24.50	6.00	1.50	0.95	1.200	0.91	7.80	NoLiq	6.56	14.37	0.16
25.00	6.00	1.50	0.95	1.213	0.91	7.76	NoLiq	6.55	14.32	0.15

B1.cal										
25.50	8.00	1.50	0.95	1.225	0.90	10.30	58.00	7.06	17.36	0.19
26.00	8.00	1.50	0.95	1.237	0.90	10.25	58.00	7.05	17.30	0.19
26.50	8.00	1.50	0.95	1.250	0.89	10.20	58.00	7.04	17.24	0.19
27.00	8.00	1.50	0.95	1.262	0.89	10.15	58.00	7.03	17.18	0.19
27.50	8.00	1.50	0.95	1.275	0.89	10.10	58.00	7.02	17.12	0.18
28.00	8.00	1.50	1.00	1.287	0.88	10.58	58.00	7.12	17.69	0.19
28.50	8.00	1.50	1.00	1.300	0.88	10.53	58.00	7.11	17.63	0.19
29.00	8.00	1.50	1.00	1.312	0.87	10.48	58.00	7.10	17.57	0.19
29.50	8.00	1.50	1.00	1.324	0.87	10.43	58.00	7.09	17.51	0.19
30.00	8.00	1.50	1.00	1.337	0.86	10.38	58.00	7.08	17.45	0.19
30.50	8.00	1.50	1.00	1.349	0.86	10.33	NoLiq	7.07	17.40	0.19
31.00	8.00	1.50	1.00	1.362	0.86	10.28	NoLiq	7.06	17.34	0.19
31.50	8.00	1.50	1.00	1.374	0.85	10.24	NoLiq	7.05	17.28	0.19
32.00	8.00	1.50	1.00	1.387	0.85	10.19	NoLiq	7.04	17.23	0.19
32.50	8.00	1.50	1.00	1.399	0.85	10.15	NoLiq	7.03	17.17	0.19
33.00	8.00	1.50	1.00	1.411	0.84	10.10	NoLiq	7.02	17.12	0.18
33.50	8.00	1.50	1.00	1.424	0.84	10.06	NoLiq	7.01	17.07	0.18
34.00	8.00	1.50	1.00	1.436	0.83	10.01	NoLiq	7.00	17.02	0.18
34.50	8.00	1.50	1.00	1.449	0.83	9.97	NoLiq	6.99	16.96	0.18
35.00	8.00	1.50	1.00	1.461	0.83	9.93	NoLiq	6.99	16.91	0.18
35.50	7.00	1.50	1.00	1.474	0.82	8.65	NoLiq	6.73	15.38	0.17
36.00	7.00	1.50	1.00	1.486	0.82	8.61	NoLiq	6.72	15.34	0.17
36.50	7.00	1.50	1.00	1.498	0.82	8.58	NoLiq	6.72	15.29	0.17
37.00	7.00	1.50	1.00	1.511	0.81	8.54	NoLiq	6.71	15.25	0.16
37.50	7.00	1.50	1.00	1.523	0.81	8.51	NoLiq	6.70	15.21	0.16
38.00	7.00	1.50	1.00	1.536	0.81	8.47	NoLiq	6.69	15.17	0.16
38.50	7.00	1.50	1.00	1.548	0.80	8.44	NoLiq	6.69	15.13	0.16
39.00	7.00	1.50	1.00	1.561	0.80	8.41	NoLiq	6.68	15.09	0.16
39.50	7.00	1.50	1.00	1.573	0.80	8.37	NoLiq	6.67	15.05	0.16
40.00	7.00	1.50	1.00	1.585	0.79	8.34	NoLiq	6.67	15.01	0.16
40.50	4.00	1.50	1.00	1.598	0.79	4.75	NoLiq	5.95	10.70	0.12
41.00	4.00	1.50	1.00	1.610	0.79	4.73	NoLiq	5.95	10.67	0.12
41.50	4.00	1.50	1.00	1.623	0.79	4.71	NoLiq	5.94	10.65	0.12
42.00	4.00	1.50	1.00	1.635	0.78	4.69	NoLiq	5.94	10.63	0.12
42.50	4.00	1.50	1.00	1.648	0.78	4.67	NoLiq	5.93	10.61	0.11
43.00	4.00	1.50	1.00	1.660	0.78	4.66	NoLiq	5.93	10.59	0.11
43.50	4.00	1.50	1.00	1.672	0.77	4.64	NoLiq	5.93	10.57	0.11
44.00	4.00	1.50	1.00	1.685	0.77	4.62	NoLiq	5.92	10.55	0.11
44.50	4.00	1.50	1.00	1.697	0.77	4.61	NoLiq	5.92	10.53	0.11
45.00	4.00	1.50	1.00	1.710	0.76	4.59	NoLiq	5.92	10.51	0.11
45.50	11.00	1.50	1.00	1.722	0.76	12.57	49.00	7.51	20.09	0.22
46.00	11.00	1.50	1.00	1.735	0.76	12.53	49.00	7.51	20.03	0.22
46.50	11.00	1.50	1.00	1.747	0.76	12.48	49.00	7.50	19.98	0.22

CRR is based on water table at 20.00 during In-Situ Testing

Factor of Safety, - Earthquake Magnitude= 7.90:

Depth ft	sigC' atm	CRR7.5	x Ksig	=CRRv	x MSF	=CRRm	CSRfs	F.S.=CRRm/CSRfs
1.00	0.04	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
1.50	0.05	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
2.00	0.07	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
2.50	0.09	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
3.00	0.11	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
3.50	0.12	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
4.00	0.14	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
4.50	0.16	0.18	1.00	0.18	0.88	2.00	0.33	5.00 ^
5.00	0.18	0.18	1.00	0.18	0.88	2.00	0.33	5.00 ^
5.50	0.19	0.18	1.00	0.18	0.88	2.00	0.33	5.00 ^
6.00	0.21	0.18	1.00	0.18	0.88	2.00	0.33	5.00 ^
6.50	0.23	0.18	1.00	0.18	0.88	2.00	0.33	5.00 ^
7.00	0.25	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
7.50	0.26	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
8.00	0.28	2.00	1.00	2.00	0.88	2.00	0.33	5.00 ^
8.50	0.30	2.00	1.00	2.00	0.88	2.00	0.32	5.00 ^
9.00	0.32	2.00	1.00	2.00	0.88	2.00	0.32	5.00 ^
9.50	0.34	2.00	1.00	2.00	0.88	2.00	0.32	5.00 ^
10.00	0.35	0.17	1.00	0.17	0.88	2.00	0.32	5.00 ^
10.50	0.37	0.16	1.00	0.16	0.88	2.00	0.32	5.00 ^

B1.cal								
11.00	0.39	0.16	1.00	0.16	0.88	2.00	0.32	5.00 ^
11.50	0.41	0.16	1.00	0.16	0.88	2.00	0.32	5.00 ^
12.00	0.42	0.16	1.00	0.16	0.88	2.00	0.32	5.00 ^
12.50	0.44	0.15	1.00	0.15	0.88	2.00	0.32	5.00 ^
13.00	0.46	0.15	1.00	0.15	0.88	2.00	0.32	5.00 ^
13.50	0.48	0.15	1.00	0.15	0.88	2.00	0.32	5.00 ^
14.00	0.49	0.15	1.00	0.15	0.88	2.00	0.32	5.00 ^
14.50	0.51	0.15	1.00	0.15	0.88	2.00	0.32	5.00 ^
15.00	0.53	0.14	1.00	0.14	0.88	2.00	0.32	5.00 ^
15.50	0.55	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
16.00	0.57	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
16.50	0.58	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
17.00	0.60	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
17.50	0.62	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
18.00	0.64	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
18.50	0.65	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
19.00	0.67	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
19.50	0.69	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
20.00	0.71	0.13	1.00	0.13	0.88	2.00	0.32	5.00 ^
20.50	0.72	0.16	1.00	0.16	0.88	2.00	0.32	5.00 ^
21.00	0.72	0.16	1.00	0.16	0.88	2.00	0.32	5.00 ^
21.50	0.73	0.16	1.00	0.16	0.88	2.00	0.33	5.00 ^
22.00	0.74	0.16	1.00	0.16	0.88	2.00	0.33	5.00 ^
22.50	0.75	0.16	1.00	0.16	0.88	2.00	0.33	5.00 ^
23.00	0.76	0.16	1.00	0.16	0.88	2.00	0.34	5.00 ^
23.50	0.76	0.16	1.00	0.16	0.88	2.00	0.34	5.00 ^
24.00	0.77	0.16	1.00	0.16	0.88	2.00	0.34	5.00 ^
24.50	0.78	0.16	1.00	0.16	0.88	2.00	0.35	5.00 ^
25.00	0.79	0.15	1.00	0.15	0.88	2.00	0.35	5.00 ^
25.50	0.80	0.19	1.00	0.19	0.88	0.16	0.35	0.46 *
26.00	0.80	0.19	1.00	0.19	0.88	0.16	0.36	0.46 *
26.50	0.81	0.19	1.00	0.19	0.88	0.16	0.36	0.45 *
27.00	0.82	0.19	1.00	0.19	0.88	0.16	0.36	0.45 *
27.50	0.83	0.18	1.00	0.18	0.88	0.16	0.36	0.44 *
28.00	0.84	0.19	1.00	0.19	0.88	0.17	0.37	0.46 *
28.50	0.84	0.19	1.00	0.19	0.88	0.17	0.37	0.45 *
29.00	0.85	0.19	1.00	0.19	0.88	0.17	0.37	0.45 *
29.50	0.86	0.19	1.00	0.19	0.88	0.17	0.37	0.44 *
30.00	0.87	0.19	1.00	0.19	0.88	0.16	0.38	0.44 *
30.50	0.88	0.19	1.00	0.19	0.88	2.00	0.38	5.00 ^
31.00	0.89	0.19	1.00	0.19	0.88	2.00	0.38	5.00 ^
31.50	0.89	0.19	1.00	0.19	0.88	2.00	0.38	5.00 ^
32.00	0.90	0.19	1.00	0.19	0.88	2.00	0.38	5.00 ^
32.50	0.91	0.19	1.00	0.19	0.88	2.00	0.38	5.00 ^
33.00	0.92	0.18	1.00	0.18	0.88	2.00	0.38	5.00 ^
33.50	0.93	0.18	1.00	0.18	0.88	2.00	0.38	5.00 ^
34.00	0.93	0.18	1.00	0.18	0.88	2.00	0.38	5.00 ^
34.50	0.94	0.18	1.00	0.18	0.88	2.00	0.38	5.00 ^
35.00	0.95	0.18	1.00	0.18	0.88	2.00	0.38	5.00 ^
35.50	0.96	0.17	1.00	0.17	0.88	2.00	0.38	5.00 ^
36.00	0.97	0.17	1.00	0.17	0.88	2.00	0.38	5.00 ^
36.50	0.97	0.17	1.00	0.17	0.88	2.00	0.38	5.00 ^
37.00	0.98	0.16	1.00	0.16	0.88	2.00	0.39	5.00 ^
37.50	0.99	0.16	1.00	0.16	0.88	2.00	0.39	5.00 ^
38.00	1.00	0.16	1.00	0.16	0.88	2.00	0.39	5.00 ^
38.50	1.01	0.16	1.01	0.16	0.88	2.00	0.39	5.00 ^
39.00	1.01	0.16	1.00	0.16	0.88	2.00	0.39	5.00 ^
39.50	1.02	0.16	1.00	0.16	0.88	2.00	0.39	5.00 ^
40.00	1.03	0.16	1.00	0.16	0.88	2.00	0.39	5.00 ^
40.50	1.04	0.12	1.00	0.12	0.88	2.00	0.39	5.00 ^
41.00	1.05	0.12	1.00	0.12	0.88	2.00	0.39	5.00 ^
41.50	1.05	0.12	1.00	0.12	0.88	2.00	0.39	5.00 ^
42.00	1.06	0.12	1.00	0.11	0.88	2.00	0.39	5.00 ^
42.50	1.07	0.11	1.00	0.11	0.88	2.00	0.38	5.00 ^
43.00	1.08	0.11	0.99	0.11	0.88	2.00	0.38	5.00 ^
43.50	1.09	0.11	0.99	0.11	0.88	2.00	0.38	5.00 ^
44.00	1.10	0.11	0.99	0.11	0.88	2.00	0.38	5.00 ^
44.50	1.10	0.11	0.99	0.11	0.88	2.00	0.38	5.00 ^
45.00	1.11	0.11	0.99	0.11	0.88	2.00	0.38	5.00 ^
45.50	1.12	0.22	0.99	0.21	0.88	0.19	0.38	0.49 *

								B1.cal
46.00	1.13	0.22	0.99	0.21	0.88	0.19	0.38	0.49 *
46.50	1.14	0.22	0.99	0.21	0.88	0.19	0.38	0.49 *

* F.S.<1: Liquefaction Potential Zone. (If above water table: F.S.=5)

^ No-liquefiable Soils or above Water Table.

(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

CPT convert to SPT for Settlement Analysis:

Fines Correction for Settlement Analysis:

Depth ft	lc	qc/N60	qc1 atm	(N1)60	Fines %	d(N1)60	(N1)60s
1.00	-	-	-	100.00	NoLiq	0.00	100.00
1.50	-	-	-	100.00	NoLiq	0.00	100.00
2.00	-	-	-	100.00	NoLiq	0.00	100.00
2.50	-	-	-	100.00	NoLiq	0.00	100.00
3.00	-	-	-	100.00	NoLiq	0.00	100.00
3.50	-	-	-	100.00	NoLiq	0.00	100.00
4.00	-	-	-	100.00	NoLiq	0.00	100.00
4.50	-	-	-	16.48	NoLiq	0.00	16.48
5.00	-	-	-	16.48	NoLiq	0.00	16.48
5.50	-	-	-	16.48	NoLiq	0.00	16.48
6.00	-	-	-	16.48	NoLiq	0.00	16.48
6.50	-	-	-	16.36	NoLiq	0.00	16.36
7.00	-	-	-	35.64	NoLiq	0.00	35.64
7.50	-	-	-	34.60	NoLiq	0.00	34.60
8.00	-	-	-	33.66	NoLiq	0.00	33.66
8.50	-	-	-	36.52	NoLiq	0.00	36.52
9.00	-	-	-	35.63	NoLiq	0.00	35.63
9.50	-	-	-	34.81	NoLiq	0.00	34.81
10.00	-	-	-	15.38	NoLiq	0.00	15.38
10.50	-	-	-	15.13	NoLiq	0.00	15.13
11.00	-	-	-	14.89	NoLiq	0.00	14.89
11.50	-	-	-	14.68	NoLiq	0.00	14.68
12.00	-	-	-	14.47	NoLiq	0.00	14.47
12.50	-	-	-	14.28	NoLiq	0.00	14.28
13.00	-	-	-	14.10	NoLiq	0.00	14.10
13.50	-	-	-	13.93	NoLiq	0.00	13.93
14.00	-	-	-	13.77	NoLiq	0.00	13.77
14.50	-	-	-	13.62	NoLiq	0.00	13.62
15.00	-	-	-	12.58	NoLiq	0.00	12.58
15.50	-	-	-	12.45	NoLiq	0.00	12.45
16.00	-	-	-	12.34	NoLiq	0.00	12.34
16.50	-	-	-	12.22	NoLiq	0.00	12.22
17.00	-	-	-	12.12	NoLiq	0.00	12.12
17.50	-	-	-	12.01	NoLiq	0.00	12.01
18.00	-	-	-	11.92	NoLiq	0.00	11.92
18.50	-	-	-	11.82	NoLiq	0.00	11.82
19.00	-	-	-	11.73	NoLiq	0.00	11.73
19.50	-	-	-	11.64	NoLiq	0.00	11.64
20.00	-	-	-	11.56	NoLiq	0.00	11.56
20.50	-	-	-	14.78	NoLiq	0.00	14.78
21.00	-	-	-	14.72	NoLiq	0.00	14.72
21.50	-	-	-	14.67	NoLiq	0.00	14.67
22.00	-	-	-	14.62	NoLiq	0.00	14.62
22.50	-	-	-	14.57	NoLiq	0.00	14.57
23.00	-	-	-	14.51	NoLiq	0.00	14.51
23.50	-	-	-	14.46	NoLiq	0.00	14.46
24.00	-	-	-	14.41	NoLiq	0.00	14.41
24.50	-	-	-	14.37	NoLiq	0.00	14.37
25.00	-	-	-	14.32	NoLiq	0.00	14.32
25.50	-	-	-	17.36	58.00	0.00	17.36
26.00	-	-	-	17.30	58.00	0.00	17.30
26.50	-	-	-	17.24	58.00	0.00	17.24
27.00	-	-	-	17.18	58.00	0.00	17.18
27.50	-	-	-	17.12	58.00	0.00	17.12
28.00	-	-	-	17.69	58.00	0.00	17.69
28.50	-	-	-	17.63	58.00	0.00	17.63
29.00	-	-	-	17.57	58.00	0.00	17.57

B1.cal							
29.50	-	-	-	17.51	58.00	0.00	17.51
30.00	-	-	-	17.45	58.00	0.00	17.45
30.50	-	-	-	17.40	NoLiq	0.00	17.40
31.00	-	-	-	17.34	NoLiq	0.00	17.34
31.50	-	-	-	17.28	NoLiq	0.00	17.28
32.00	-	-	-	17.23	NoLiq	0.00	17.23
32.50	-	-	-	17.17	NoLiq	0.00	17.17
33.00	-	-	-	17.12	NoLiq	0.00	17.12
33.50	-	-	-	17.07	NoLiq	0.00	17.07
34.00	-	-	-	17.02	NoLiq	0.00	17.02
34.50	-	-	-	16.96	NoLiq	0.00	16.96
35.00	-	-	-	16.91	NoLiq	0.00	16.91
35.50	-	-	-	15.38	NoLiq	0.00	15.38
36.00	-	-	-	15.34	NoLiq	0.00	15.34
36.50	-	-	-	15.29	NoLiq	0.00	15.29
37.00	-	-	-	15.25	NoLiq	0.00	15.25
37.50	-	-	-	15.21	NoLiq	0.00	15.21
38.00	-	-	-	15.17	NoLiq	0.00	15.17
38.50	-	-	-	15.13	NoLiq	0.00	15.13
39.00	-	-	-	15.09	NoLiq	0.00	15.09
39.50	-	-	-	15.05	NoLiq	0.00	15.05
40.00	-	-	-	15.01	NoLiq	0.00	15.01
40.50	-	-	-	10.70	NoLiq	0.00	10.70
41.00	-	-	-	10.67	NoLiq	0.00	10.67
41.50	-	-	-	10.65	NoLiq	0.00	10.65
42.00	-	-	-	10.63	NoLiq	0.00	10.63
42.50	-	-	-	10.61	NoLiq	0.00	10.61
43.00	-	-	-	10.59	NoLiq	0.00	10.59
43.50	-	-	-	10.57	NoLiq	0.00	10.57
44.00	-	-	-	10.55	NoLiq	0.00	10.55
44.50	-	-	-	10.53	NoLiq	0.00	10.53
45.00	-	-	-	10.51	NoLiq	0.00	10.51
45.50	-	-	-	20.09	49.00	0.00	20.09
46.00	-	-	-	20.03	49.00	0.00	20.03
46.50	-	-	-	19.98	49.00	0.00	19.98

(N1)60s has been fines corrected in liquefaction analysis, therefore d(N1)60=0.
Fines=NoLiq means the soils are not liquefiable.

Settlement of Saturated Sands:

Settlement Analysis Method: Tokimatsu/Seed

Depth ft	CSRsf	/MSF*	=CSRm	F.S.	Fines %	(N1)60s	Dr %	ec %	dsz in.	dsp in.	S in.
46.45	0.38	1.00	0.38	0.49	49.00	19.99	70.51	1.485	8.9E-3	0.009	0.009
46.00	0.38	1.00	0.38	0.49	49.00	20.03	70.60	1.482	8.9E-3	0.080	0.089
45.50	0.38	1.00	0.38	0.49	49.00	20.09	70.70	1.478	8.9E-3	0.089	0.178
45.00	0.38	1.00	0.38	5.00	NoLiq	10.51	51.74	2.458	0.0E0	0.080	0.257
44.50	0.38	1.00	0.38	5.00	NoLiq	10.53	51.78	2.456	0.0E0	0.000	0.257
44.00	0.38	1.00	0.38	5.00	NoLiq	10.55	51.83	2.453	0.0E0	0.000	0.257
43.50	0.38	1.00	0.38	5.00	NoLiq	10.57	51.88	2.450	0.0E0	0.000	0.257
43.00	0.38	1.00	0.38	5.00	NoLiq	10.59	51.93	2.448	0.0E0	0.000	0.257
42.50	0.38	1.00	0.38	5.00	NoLiq	10.61	51.98	2.445	0.0E0	0.000	0.257
42.00	0.39	1.00	0.39	5.00	NoLiq	10.63	52.03	2.442	0.0E0	0.000	0.257
41.50	0.39	1.00	0.39	5.00	NoLiq	10.65	52.08	2.439	0.0E0	0.000	0.257
41.00	0.39	1.00	0.39	5.00	NoLiq	10.67	52.13	2.436	0.0E0	0.000	0.257
40.50	0.39	1.00	0.39	5.00	NoLiq	10.70	52.18	2.433	0.0E0	0.000	0.257
40.00	0.39	1.00	0.39	5.00	NoLiq	15.01	61.29	1.906	0.0E0	0.000	0.257
39.50	0.39	1.00	0.39	5.00	NoLiq	15.05	61.37	1.903	0.0E0	0.000	0.257
39.00	0.39	1.00	0.39	5.00	NoLiq	15.09	61.45	1.899	0.0E0	0.000	0.257
38.50	0.39	1.00	0.39	5.00	NoLiq	15.13	61.52	1.896	0.0E0	0.000	0.257
38.00	0.39	1.00	0.39	5.00	NoLiq	15.17	61.60	1.892	0.0E0	0.000	0.257
37.50	0.39	1.00	0.39	5.00	NoLiq	15.21	61.68	1.889	0.0E0	0.000	0.257
37.00	0.39	1.00	0.39	5.00	NoLiq	15.25	61.76	1.886	0.0E0	0.000	0.257
36.50	0.38	1.00	0.38	5.00	NoLiq	15.29	61.85	1.882	0.0E0	0.000	0.257
36.00	0.38	1.00	0.38	5.00	NoLiq	15.34	61.93	1.878	0.0E0	0.000	0.257
35.50	0.38	1.00	0.38	5.00	NoLiq	15.38	62.01	1.875	0.0E0	0.000	0.257
35.00	0.38	1.00	0.38	5.00	NoLiq	16.91	64.92	1.744	0.0E0	0.000	0.257
34.50	0.38	1.00	0.38	5.00	NoLiq	16.96	65.01	1.740	0.0E0	0.000	0.257

B1.cal											
34.00	0.38	1.00	0.38	5.00	NoLiq	17.02	65.11	1.736	0.0E0	0.000	0.257
33.50	0.38	1.00	0.38	5.00	NoLiq	17.07	65.20	1.731	0.0E0	0.000	0.257
33.00	0.38	1.00	0.38	5.00	NoLiq	17.12	65.30	1.727	0.0E0	0.000	0.257
32.50	0.38	1.00	0.38	5.00	NoLiq	17.17	65.40	1.722	0.0E0	0.000	0.257
32.00	0.38	1.00	0.38	5.00	NoLiq	17.23	65.50	1.717	0.0E0	0.000	0.257
31.50	0.38	1.00	0.38	5.00	NoLiq	17.28	65.60	1.713	0.0E0	0.000	0.257
31.00	0.38	1.00	0.38	5.00	NoLiq	17.34	65.71	1.708	0.0E0	0.000	0.257
30.50	0.38	1.00	0.38	5.00	NoLiq	17.40	65.81	1.703	0.0E0	0.000	0.257
30.00	0.38	1.00	0.38	0.44	58.00	17.45	65.92	1.698	1.0E-2	0.010	0.268
29.50	0.37	1.00	0.37	0.44	58.00	17.51	66.02	1.693	1.0E-2	0.102	0.369
29.00	0.37	1.00	0.37	0.45	58.00	17.57	66.13	1.687	1.0E-2	0.101	0.471
28.50	0.37	1.00	0.37	0.45	58.00	17.63	66.24	1.681	1.0E-2	0.101	0.572
28.00	0.37	1.00	0.37	0.46	58.00	17.69	66.35	1.675	1.0E-2	0.101	0.672
27.50	0.36	1.00	0.36	0.44	58.00	17.12	65.29	1.727	1.0E-2	0.103	0.776
27.00	0.36	1.00	0.36	0.45	58.00	17.18	65.40	1.721	1.0E-2	0.103	0.879
26.50	0.36	1.00	0.36	0.45	58.00	17.24	65.51	1.715	1.0E-2	0.103	0.982
26.00	0.36	1.00	0.36	0.46	58.00	17.30	65.63	1.709	1.0E-2	0.103	1.085
25.50	0.35	1.00	0.35	0.46	58.00	17.36	65.74	1.702	1.0E-2	0.102	1.187
25.00	0.35	1.00	0.35	5.00	NoLiq	14.32	59.93	1.986	0.0E0	0.092	1.279
24.50	0.35	1.00	0.35	5.00	NoLiq	14.37	60.03	1.984	0.0E0	0.000	1.279
24.00	0.34	1.00	0.34	5.00	NoLiq	14.41	60.12	1.981	0.0E0	0.000	1.279
23.50	0.34	1.00	0.34	5.00	NoLiq	14.46	60.22	1.978	0.0E0	0.000	1.279
23.00	0.34	1.00	0.34	5.00	NoLiq	14.51	60.32	1.975	0.0E0	0.000	1.279
22.50	0.33	1.00	0.33	5.00	NoLiq	14.57	60.42	1.972	0.0E0	0.000	1.279
22.00	0.33	1.00	0.33	5.00	NoLiq	14.62	60.53	1.969	0.0E0	0.000	1.279
21.50	0.33	1.00	0.33	5.00	NoLiq	14.67	60.63	1.965	0.0E0	0.000	1.279
21.00	0.32	1.00	0.32	5.00	NoLiq	14.72	60.74	1.961	0.0E0	0.000	1.279
20.50	0.32	1.00	0.32	5.00	NoLiq	14.78	60.85	1.957	0.0E0	0.000	1.279
20.05	0.32	1.00	0.32	5.00	NoLiq	14.83	60.94	1.952	0.0E0	0.000	1.279

Settlement of Saturated Sands=1.279 in.
 qc1 and (N1)60 is after fines correction in liquefaction analysis
 dsz is per each segment, dz=0.05 ft
 dsp is per each print interval, dp=0.50 ft
 S is cumulated settlement at this depth

Settlement of Unsaturated Sands:													
S	Depth	sigma'	sigC'	(N1)60s	CSRsf	Gmax	g*Ge/Gm	g_eff	ec7.5	Cec	ec	dsz	dsp
in.	ft	atm	atm			atm			%		%	in.	in.
0.000	20.00	1.09	0.71	11.56	0.32	849.25	4.0E-4	0.2977	0.5907	1.14	0.6713	0.00E0	
0.000	0.000												
0.000	19.50	1.06	0.69	11.64	0.32	840.58	4.0E-4	0.2778	0.5463	1.14	0.6209	0.00E0	
0.000	0.000												
0.000	19.00	1.03	0.67	11.73	0.32	831.79	3.9E-4	0.2590	0.5049	1.14	0.5738	0.00E0	
0.000	0.000												
0.000	18.50	1.01	0.65	11.82	0.32	822.87	3.9E-4	0.2414	0.4661	1.14	0.5297	0.00E0	
0.000	0.000												
0.000	18.00	0.98	0.64	11.92	0.32	813.82	3.8E-4	0.2248	0.4299	1.14	0.4886	0.00E0	
0.000	0.000												
0.000	17.50	0.95	0.62	12.01	0.32	804.63	3.8E-4	0.2093	0.3962	1.14	0.4502	0.00E0	
0.000	0.000												
0.000	17.00	0.92	0.60	12.12	0.32	795.30	3.7E-4	0.1947	0.3647	1.14	0.4145	0.00E0	
0.000	0.000												
0.000	16.50	0.90	0.58	12.22	0.32	785.81	3.6E-4	0.1810	0.3354	1.14	0.3811	0.00E0	
0.000	0.000												
0.000	16.00	0.87	0.57	12.34	0.32	776.17	3.6E-4	0.1682	0.3081	1.14	0.3501	0.00E0	
0.000	0.000												
0.000	15.50	0.84	0.55	12.45	0.32	766.36	3.5E-4	0.1561	0.2827	1.14	0.3213	0.00E0	
0.000	0.000												
0.000	15.00	0.82	0.53	12.58	0.32	756.37	3.4E-4	0.1449	0.2591	1.14	0.2945	0.00E0	
0.000	0.000												
0.000	14.50	0.79	0.51	13.62	0.32	763.64	3.3E-4	0.1230	0.1990	1.14	0.2262	0.00E0	
0.000	0.000												
0.000	14.00	0.76	0.49	13.77	0.32	753.14	3.2E-4	0.1142	0.1822	1.14	0.2071	0.00E0	
0.000	0.000												
0.000	13.50	0.73	0.48	13.93	0.32	742.44	3.2E-4	0.1060	0.1667	1.14	0.1894	0.00E0	

B1.cal												
0.000	0.000											
	13.00	0.71	0.46	14.10	0.32	731.51	3.1E-4	0.0983	0.1522	1.14	0.1730	0.00E0
0.000	0.000											
	12.50	0.68	0.44	14.28	0.32	720.35	3.0E-4	0.0912	0.1388	1.14	0.1578	0.00E0
0.000	0.000											
	12.00	0.65	0.42	14.47	0.32	708.93	3.0E-4	0.0845	0.1264	1.14	0.1437	0.00E0
0.000	0.000											
	11.50	0.62	0.41	14.68	0.32	697.24	2.9E-4	0.0782	0.1150	1.14	0.1307	0.00E0
0.000	0.000											
	11.00	0.60	0.39	14.89	0.32	685.26	2.8E-4	0.0724	0.1044	1.14	0.1187	0.00E0
0.000	0.000											
	10.50	0.57	0.37	15.13	0.32	672.97	2.7E-4	0.0669	0.0946	1.14	0.1076	0.00E0
0.000	0.000											
	10.00	0.54	0.35	15.38	0.32	660.35	2.7E-4	0.0618	0.0856	1.14	0.0973	0.00E0
0.000	0.000											
	9.50	0.52	0.34	15.63	0.32	647.73	2.6E-4	0.0569	0.0769	1.14	0.0873	0.00E0
0.000	0.000											
	9.00	0.49	0.32	15.88	0.32	635.11	2.5E-4	0.0522	0.0686	1.14	0.0778	0.00E0
0.000	0.000											
	8.50	0.46	0.30	16.13	0.32	622.49	2.4E-4	0.0477	0.0607	1.14	0.0688	0.00E0
0.000	0.000											
	8.00	0.43	0.28	16.38	0.33	609.87	2.3E-4	0.0434	0.0532	1.14	0.0603	0.00E0
0.000	0.000											
	7.50	0.41	0.26	16.63	0.33	597.25	2.2E-4	0.0392	0.0461	1.14	0.0523	0.00E0
0.000	0.000											
	7.00	0.38	0.25	16.88	0.33	584.63	2.1E-4	0.0352	0.0394	1.14	0.0448	0.00E0
0.000	0.000											
	6.50	0.35	0.23	17.13	0.33	572.01	2.0E-4	0.0313	0.0331	1.14	0.0378	0.00E0
0.000	0.000											
	6.00	0.33	0.21	17.38	0.33	559.39	1.9E-4	0.0276	0.0272	1.14	0.0313	0.00E0
0.000	0.000											
	5.50	0.30	0.19	17.63	0.33	546.77	1.8E-4	0.0241	0.0213	1.14	0.0253	0.00E0
0.000	0.000											
	5.00	0.27	0.18	17.88	0.33	534.15	1.7E-4	0.0207	0.0159	1.14	0.0200	0.00E0
0.000	0.000											
	4.50	0.24	0.16	18.13	0.33	521.53	1.6E-4	0.0174	0.0110	1.14	0.0153	0.00E0
0.000	0.000											
	4.00	0.22	0.14	18.38	0.33	508.91	1.5E-4	0.0142	0.0064	1.14	0.0110	0.00E0
0.000	0.000											
	3.50	0.19	0.12	18.63	0.33	496.29	1.4E-4	0.0111	0.0021	1.14	0.0070	0.00E0
0.000	0.000											
	3.00	0.16	0.11	18.88	0.33	483.67	1.3E-4	0.0081	0.0000	1.14	0.0030	0.00E0
0.000	0.000											
	2.50	0.14	0.09	19.13	0.33	471.05	1.2E-4	0.0052	0.0000	1.14	0.0000	0.00E0
0.000	0.000											
	2.00	0.11	0.07	19.38	0.33	458.43	1.1E-4	0.0024	0.0000	1.14	0.0000	0.00E0
0.000	0.000											
	1.50	0.08	0.05	19.63	0.33	445.81	1.0E-4	0.0000	0.0000	1.14	0.0000	0.00E0
0.000	0.000											
	1.00	0.05	0.04	19.88	0.33	433.19	9.0E-5	0.0000	0.0000	1.14	0.0000	0.00E0
0.000	0.000											

Settlement of Unsaturated Sands

Settlement of Unsaturated Sands=0.000 in.

dsz is per each segment, dz=0.05 ft

dsp is per each print interval, dp=0.50 ft

S is cumulated settlement at this depth

Total Settlement of Saturated and Unsaturated Sands=1.279 in.

Differential Settlement=0.639 to 0.844 in.

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

1 atm (atmosphere) = 1.0581 tsf(1 tsf = 1 ton/ft2 = 2 kip/ft2)

1 atm (atmosphere) = 101.325 kPa(1 kPa = 1 kN/m2 = 0.001 Mpa)

SPT Field data from Standard Penetration Test (SPT)

BPT Field data from Becker Penetration Test (BPT)

qc Field data from Cone Penetration Test (CPT) [atm (tsf)]

fs Friction from CPT testing [atm (tsf)]

Rf	Ratio of fs/qc (%)
gamma	Total unit weight of soil
gamma'	Effective unit weight of soil
Fines	Fines content [%]
D50	Mean grain size
Dr	Relative Density
sigma	Total vertical stress [atm]
sigma'	Effective vertical stress [atm]
sigC'	Effective confining pressure [atm]
rd	Acceleration reduction coefficient by Seed
a_max.	Peak Ground Acceleration (PGA) in ground surface
mZ	Linear acceleration reduction coefficient X depth
a_min.	Minimum acceleration under linear reduction, mZ
CRRv	CRR after overburden stress correction, $CRRv=CRR7.5 * Ksig$
CRR7.5	Cyclic resistance ratio (M=7.5)
Ksig	Overburden stress correction factor for CRR7.5
CRRm	After magnitude scaling correction $CRRm=CRRv * MSF$
MSF	Magnitude scaling factor from M=7.5 to user input M
CSR	Cyclic stress ratio induced by earthquake
CSRfs	$CSRfs=CSR*fs1$ (Default fs1=1)
fs1	First CSR curve in graphic defined in #9 of Advanced page
fs2	2nd CSR curve in graphic defined in #9 of Advanced page
F.S.	Calculated factor of safety against liquefaction $F.S.=CRRm/CSRsf$
Cebs	Energy Ratio, Borehole Dia., and Sampling Method Corrections
Cr	Rod Length Corrections
Cn	Overburden Pressure Correction
(N1)60	SPT after corrections, $(N1)60=SPT * Cr * Cn * Cebs$
d(N1)60	Fines correction of SPT
(N1)60f	$(N1)60$ after fines corrections, $(N1)60f=(N1)60 + d(N1)60$
Cq	Overburden stress correction factor
qc1	CPT after Overburden stress correction
dqc1	Fines correction of CPT
qc1f	CPT after Fines and Overburden correction, $qc1f=qc1 + dqc1$
qc1n	CPT after normalization in Robertson's method
Kc	Fine correction factor in Robertson's Method
qc1f	CPT after Fines correction in Robertson's Method
lc	Soil type index in Suzuki's and Robertson's Methods
(N1)60s	$(N1)60$ after settlement fines corrections
CSRm	After magnitude scaling correction for Settlement calculation $CSRm=CSRsf / MSF*$
CSRfs	Cyclic stress ratio induced by earthquake with user inputed fs
MSF*	Scaling factor from CSR, $MSF*=1$, based on Item 2 of Page C.
ec	Volumetric strain for saturated sands
dz	Calculation segment, $dz=0.050$ ft
dsz	Settlement in each segment, dz
dp	User defined print interval
dsp	Settlement in each print interval, dp
Gmax	Shear Modulus at low strain
g_eff	$gamma_eff$, Effective shear Strain
g*Ge/Gm	$gamma_eff * G_eff/G_max$, Strain-modulus ratio
ec7.5	Volumetric Strain for magnitude=7.5
Cec	Magnitude correction factor for any magnitude
ec	Volumetric strain for unsaturated sands, $ec=Cec * ec7.5$
NoLiq	No-Liquefy Soils

References:

1. NCEER Workshop on Evaluation of Liquefaction Resistance of Soils. Youd, T.L., and Idriss, I.M., eds., Technical Report NCEER 97-0022.
2. SP117. Southern California Earthquake Center. Recommended Procedures for Implementation of DMG Special Publication 117, Guidelines for Analyzing and Mitigating Liquefaction in California. University of Southern California. March 1999.
3. RECENT ADVANCES IN SOIL LIQUEFACTION ENGINEERING AND SEISMIC SITE RESPONSE EVALUATION, Paper No. SPL-2, PROCEEDINGS: Fourth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, San Diego, CA, March 2001.
4. RECENT ADVANCES IN SOIL LIQUEFACTION ENGINEERING: A UNIFIED AND CONSISTENT FRAMEWORK, Earthquake Engineering Research Center, Report No. EERC 2003-06 by R.B Seed and etc. April 2003.

Note: Print Interval you selected does not show complete results. To get complete results, you should select 'Segment' in Print

B

APPENDIX B

FIELD PROCEDURES

The field operations were conducted in general accordance with the procedures recommended by the American Society for Testing and Materials (ASTM) designation D 420 entitled "Standard Guide for Sampling Soil and Rock" and/or other relevant specifications. Soil samples were preserved and transported to *Giles'* laboratory in general accordance with the procedures recommended by ASTM designation D 4220 entitled "Standard Practice for Preserving and Transporting Soil Samples." Brief descriptions of the sampling, testing and field procedures commonly performed by *Giles* are provided herein.



GENERAL FIELD PROCEDURES

Test Boring Elevations

The ground surface elevations reported on the Test Boring Logs are referenced to the assumed benchmark shown on the Boring Location Plan (Figure 1). Unless otherwise noted, the elevations were determined with a conventional hand-level and are accurate to within about 1 foot.

Test Boring Locations

The test borings were located on-site based on the existing site features and/or apparent property lines. Dimensions illustrating the approximate boring locations are reported on the Boring Location Plan (Figure 1).

Water Level Measurement

The water levels reported on the Test Boring Logs represent the depth of "free" water encountered during drilling and/or after the drilling tools were removed from the borehole. Water levels measured within a granular (sand and gravel) soil profile are typically indicative of the water table elevation. It is usually not possible to accurately identify the water table elevation within cohesive (clayey) soils, since the rate of seepage is slow. The water table elevation within cohesive soils must therefore be determined over a period of time with groundwater observation wells.

It must be recognized that the water table may fluctuate seasonally and during periods of heavy precipitation. Depending on the subsurface conditions, water may also become perched above the water table, especially during wet periods.

Borehole Backfilling Procedures

Each borehole was backfilled upon completion of the field operations. If potential contamination was encountered, and/or if required by state or local regulations, boreholes were backfilled with an "impervious" material (such as bentonite slurry). Borings that penetrated pavements, sidewalks, etc. were "capped" with Portland Cement concrete, asphaltic concrete, or a similar surface material. It must, however, be recognized that the backfill material may settle, and the surface cap may subside, over a period of time. Further backfilling and/or re-surfacing by *Giles'* client or the property owner may be required.



FIELD SAMPLING AND TESTING PROCEDURES

Auger Sampling (AU)

Soil samples are removed from the auger flights as an auger is withdrawn above the ground surface. Such samples are used to determine general soil types and identify approximate soil stratifications. Auger samples are highly disturbed and are therefore not typically used for geotechnical strength testing.

Split-Barrel Sampling (SS) - (ASTM D-1586)

A split-barrel sampler with a 2-inch outside diameter is driven into the subsoil with a 140-pound hammer, free-falling a vertical distance of 30 inches. The summation of hammer-blows required to drive the sampler the final 12 inches of an 18-inch sample interval is defined as the "Standard Penetration Resistance" or "N-value." The N-value is representative of the soils' resistance to penetration. The N-value is therefore an index of the relative density of granular soils and the comparative consistency of cohesive soils. A soil sample is collected from each SPT interval.

Shelby Tube Sampling (ST) - (ASTM D-1587)

A relatively undisturbed soil sample is collected by hydraulically advancing a thin-walled Shelby Tube sampler into a soil mass. Shelby Tubes have a sharp cutting edge and are commonly 2 to 5 inches in diameter. Unless otherwise noted, *Giles* uses 3-inch-diameter tubes.

Bulk Sample (BS)

A relatively large volume of soil is collected with a shovel or other manually-operated tool. The sample is typically transported to *Giles'* materials laboratory in a sealed bag or bucket.

Dynamic Cone Penetration Test (DC) - (ASTM STP 399)

This test is conducted by driving a 1.5-inch-diameter cone into the subsoil using a 15-pound steel ring (hammer), free-falling a vertical distance of 20 inches. The number of hammer-blows required to drive the cone 1 ¼ inches is an indication of the soil strength and density, and is defined as "N." The Dynamic Cone Penetration test is commonly conducted in hand auger borings, test pits and within excavated trenches.

- Continued -



Ring-Lined Barrel Sampling - (ASTM D 3550)

In this procedure, a ring-lined barrel sampler is used to collect soil samples for classification and laboratory testing. This method provides samples that fit directly into laboratory test instruments without additional handling/disturbance.

Sampling and Testing Procedures

The field testing and sampling operations were conducted in general accordance with the procedures recommended by the American Society for Testing and Materials (ASTM) and/or other relevant specifications. Results of the field testing (i.e. N-values) are reported on the Test Boring Logs. Explanations of the terms and symbols shown on the logs are provided on the appendix enclosure entitled "General Notes."



C

A P P E N D I X C
LABORATORY TESTING AND CLASSIFICATION

The laboratory testing was conducted under the supervision of a geotechnical engineer in general accordance with the procedures recommended by the American Society for Testing and Materials (ASTM) and/or other relevant specifications. Brief descriptions of laboratory tests commonly performed by *Giles* are provided herein.



GILES ENGINEERING ASSOCIATES, INC.

LABORATORY TESTING AND CLASSIFICATION

Photoionization Detector (PID)

In this procedure, soil samples are "scanned" in *Giles'* analytical laboratory using a Photoionization Detector (PID). The instrument is equipped with an 11.7 eV lamp calibrated to a Benzene Standard and is capable of detecting a minute concentration of **certain** Volatile Organic Compound (VOC) vapors, such as those commonly associated with petroleum products and some solvents. Results of the PID analysis are expressed in HNu (manufacturer's) units rather than actual concentration.

Moisture Content (w) (ASTM D 2216)

Moisture content is defined as the ratio of the weight of water contained within a soil sample to the weight of the dry solids within the sample. Moisture content is expressed as a percentage.

Unconfined Compressive Strength (q_u) (ASTM D 2166)

An axial load is applied at a uniform rate to a cylindrical soil sample. The unconfined compressive strength is the maximum stress obtained or the stress when 15% axial strain is reached, whichever occurs first.

Calibrated Penetrometer Resistance (q_p)

The small, cylindrical tip of a hand-held penetrometer is pressed into a soil sample to a prescribed depth to measure the soils capacity to resist penetration. This test is used to evaluate unconfined compressive strength.

Vane-Shear Strength (q_s)

The blades of a vane are inserted into the flat surface of a soil sample and the vane is rotated until failure occurs. The maximum shear resistance measured immediately prior to failure is taken as the vane-shear strength.

Loss-On-Ignition (ASTM D 2974: Method C)

The Loss-On-Ignition (L.O.I.) test is used to determine the organic content of a soil sample. This procedure is conducted by heating a dry soil sample to 440°C in order to burn-off or "ash" organic matter present within the sample. The L.O.I. value is the ratio of the weight lost due to ignition compared to the initial weight of the dry sample. L.O.I. is expressed as a percentage.



Particle Size Distribution (ASTM D 421, D 422, and D 1140)

This test is performed to determine the distribution of specific particle sizes (diameters) within a soil sample. The distribution of coarse-grained soil particles (sand and gravel) is determined from a "sieve analysis," which is conducted by passing the sample through a series of nested sieves. The distribution of fine-grained soil particles (silt and clay) is determined from a "hydrometer analysis," which is based on the sedimentation of particles suspended in water.

Consolidation Test (ASTM D 2435)

In this procedure, a series of cumulative vertical loads are applied to a small, laterally confined soil sample. During each load increment, vertical compression (consolidation) of the sample is measured over a period of time. Results of this test are used to estimate settlement and time rate of settlement.

Classification of Samples

Each soil sample was visually-manually classified, based on texture and plasticity, in general accordance with the Unified Soil Classification System (ASTM D-2488-75). The classifications are reported on the Test Boring Logs.

Laboratory Testing

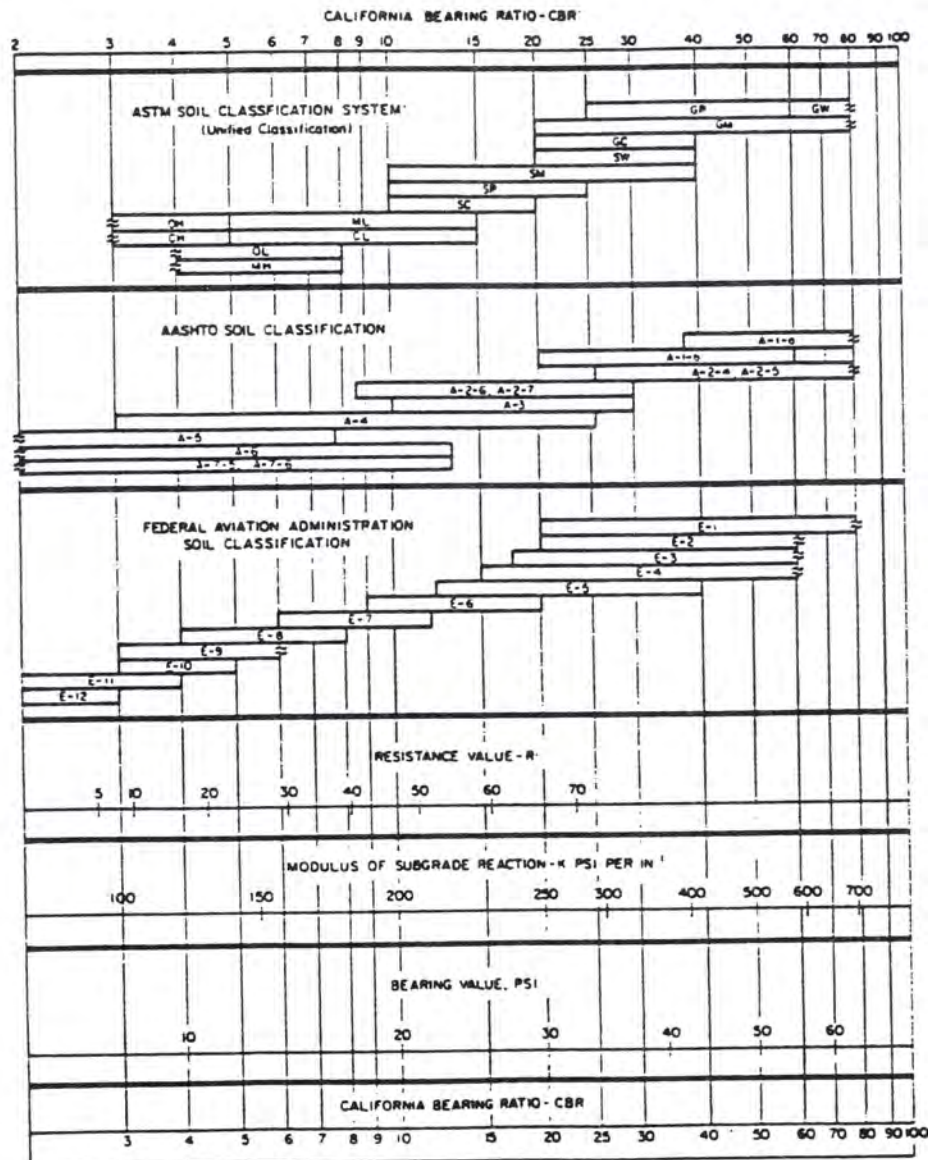
The laboratory testing operations were conducted in general accordance with the procedures recommended by the American Society for Testing and Materials (ASTM) and/or other relevant specifications. Results of the laboratory tests are provided on the Test Boring Logs or other appendix enclosures. Explanation of the terms and symbols used on the logs is provided on the appendix enclosure entitled "General Notes."



California Bearing Ratio (CBR) Test ASTM D-1833

The CBR test is used for evaluation of a soil subgrade for pavement design. The test consists of measuring the force required for a 3-square-inch cylindrical piston to penetrate 0.1 or 0.2 inches into a compacted soil sample. The result is expressed as a percent of force required to penetrate a standard compacted crushed stone.

Unless a CBR test has been specifically requested by the client or heavy traffic loads are expected, the CBR is estimated from published charts, based on soil classification and strength characteristics. A typical correlation chart is indicated below.



D

APPENDIX D
GENERAL INFORMATION



GILES ENGINEERING ASSOCIATES, INC.

GENERAL COMMENTS

The soil samples obtained during the subsurface exploration will be retained for a period of thirty days. If no instructions are received, they will be disposed of at that time.

This report has been prepared exclusively for the client in order to aid in the evaluation of this property and to assist the architects and engineers in the design and preparation of the project plans and specifications. Copies of this report may be provided to contractor(s), with contract documents, to disclose information relative to this project. The report, however, has not been prepared to serve as the plans and specifications for actual construction without the appropriate interpretation by the project architect, structural engineer, and/or civil engineer. Reproduction and distribution of this report must be authorized by the client and Giles.

This report has been based on assumed conditions/characteristics of the proposed development where specific information was not available. It is recommended that the architect, civil engineer and structural engineer along with any other design professionals involved in this project carefully review these assumptions to ensure they are consistent with the actual planned development. When discrepancies exist, they should be brought to our attention to ensure they do not affect the conclusions and recommendations provided herein. The project plans and specifications may also be submitted to Giles for review to ensure that the geotechnical related conclusions and recommendations provided herein have been correctly interpreted.

The analysis of this site was based on a subsoil profile interpolated from a limited subsurface exploration. If the actual conditions encountered during construction vary from those indicated by the borings, Giles must be contacted immediately to determine if the conditions alter the recommendations contained herein.

The conclusions and recommendations presented in this report have been promulgated in accordance with generally accepted professional engineering practices in the field of geotechnical engineering. No other warranty is either expressed or implied.



**GUIDE SPECIFICATIONS FOR SUBGRADE AND PREPARATION
FOR FILL, FOUNDATION, FLOOR SLAB AND PAVEMENT SUPPORT;
AND SELECTION, PLACEMENT AND COMPACTION OF FILL SOILS
USING MODIFIED PROCTOR PROCEDURES**

1. Construction monitoring and testing of subgrades and grades for fill, foundation, floor slab and pavement; and fill selection, placement and compaction shall be performed by an experienced soils engineer and/or his representatives.
2. All compacted fill, subgrades, and grades shall be (a) underlain by suitable bearing material, (b) free of all organic frozen, or other deleterious material, and (c) observed, tested and approved by qualified engineering personnel representing an experienced soils engineer. Preparation of subgrades after stripping vegetation, organic or other unsuitable materials shall consist of (a) proofrolling to detect soft, wet, yielding soils or other unstable materials that must be undercut, (b) scarifying top 6 to 8 inches, (c) moisture conditioning the soils as required, and (d) recompaction to same minimum in-situ density required for similar material indicated under Item 5. Note: Compaction requirements for pavement subgrade are higher than other areas. Weather and construction equipment may damage compacted fill surface and reworking and retesting may be necessary for proper performance.
3. In overexcavation and fill areas, the compacted fill must extend (a) a minimum 1 foot lateral distance beyond the exterior edge of the foundation at bearing grade or pavement at subgrade and down to compacted fill subgrade on a maximum 0.5(H):1(V) slope, (b) 1 foot above footing grade outside the building, and (c) to floor subgrade inside the building. Fill shall be placed and compacted on a 5(H):1(V) slope or must be stepped or benched as required to flatten if not specifically approved by qualified personnel under the direction of an experienced soils engineer.
4. The compacted fill materials shall be free of deleterious, organic, or frozen matter, shall contain no chemicals that may result in the material being classified as "contaminated", and shall be low-expansive with a maximum Liquid Limit (ASTM D-423) and Plasticity Index (ASTM D-424) of 30 and 15, respectively, unless specifically tested and found to have low expansive properties and approved by an experienced soils engineer. The top 12 inches of compacted fill should have a maximum 3 inch particle diameter and all underlying compacted fill a maximum 6 inch diameter unless specifically approved by an experienced soils engineer. All fill material must be tested and approved under the direction of an experienced soils engineer prior to placement. If the fill is to provide non-frost susceptible characteristics, it must be classified as a clean GW, GP, SW or SP per Unified Soils Classification System (ASTM D-2487).
5. For structural fill depths less than 20 feet, the density of the structural compacted fill and scarified subgrade and grades shall not be less than 90 percent of the maximum dry density as determined by Modified Proctor (ASTM D-1557) with the exception of the top 12 inches of pavement subgrade which shall have a minimum in-situ density of 95 percent of maximum dry density, or 5 percent higher than underlying structural fill materials. Where the structural fill depth is greater than 20 feet, the portion below 20 feet should have a minimum in-place density of 95 percent of its maximum dry density or 5 percent higher than the top 20 feet. Cohesive soils shall not vary by more than -1 to +3 percent moisture content and granular soil ± 3 percent from the optimum when placed and compacted or recompacted, unless specifically recommended/approved by the soils engineer observing the placement and compaction. Cohesive soils with moderate to high expansion potentials ($PI > 15$) should, however, be placed, compacted and maintained prior to construction at a 3 ± 1 percent moisture content above optimum moisture content to limit future heave. Fill shall be placed in layers with a maximum loose thickness of 8 inches for foundations and 10 inches for floor slabs and pavements, unless specifically approved by the soils engineer taking into consideration the type of materials and compaction equipment being used. The compaction equipment should consist of suitable mechanical equipment specifically designed for soil compaction. Bulldozers or similar tracked vehicles are typically not suitable for compaction.
6. Excavation, filing, subgrade grade preparation shall be performed in a manner and sequence that will provide drainage at all times and proper control of erosion. Precipitation, springs, and seepage water encountered shall be pumped or drained to provide a suitable working platform. Springs or water seepage encountered during grade/foundation construction must be called to the soils engineer's attention immediately for possible construction procedure revision or inclusion of an underdrain system.
7. Non-structural fill adjacent to structural fill should typically be placed in unison to provide lateral support. Backfill along walls must be placed and compacted with care to ensure excessive unbalanced lateral pressures do not develop. The type of fill material placed adjacent to below grade walls (i.e. basement walls and retaining walls) must be properly tested and approved by an experienced soils engineer with consideration for the lateral pressure used in the wall design.
8. Wherever, in the opinion of the soils engineer or the Owner's Representatives, an unstable condition is being created either by cutting or filling, the work should not proceed into that area until an appropriate geotechnical exploration and analysis has been performed and the grading plan revised, if found necessary.



CHARACTERISTICS AND RATINGS OF UNIFIED SOIL SYSTEM CLASSES FOR SOIL CONSTRUCTION *

Class	Compaction Characteristics	Max. Dry Density Standard Proctor (pcf)	Compressibility and Expansion	Drainage and Permeability	Value as an Embankment Material	Value as Subgrade When Not Subject to Frost	Value as Base Course	Value as Temporary Pavement	
								With Dust Palliative	With Bituminous Treatment
GW	Good: tractor, rubber-tired, steel wheel or vibratory roller	125-135	Almost none	Good drainage, pervious	Very stable	Excellent	Good	Fair to Poor	Excellent
GP	Good: tractor, rubber-tired, steel wheel or vibratory roller	115-125	Almost none	Good drainage, pervious	Reasonably stable	Excellent to good	Poor to fair	Poor	
GM	Good: rubber-tired or light sheepsfoot roller	120-135	Slight	Poor drainage, semipervious	Reasonably stable	Excellent to good	Fair to poor	Poor	Poor to fair
GC	Good to fair: rubber-tired or sheepsfoot roller	115-130	Slight	Poor drainage, impervious	Reasonably stable	Good	Good to fair **	Excellent	Excellent
SW	Good: tractor, rubber-tired or vibratory roller	110-130	Almost none	Good drainage, pervious	Very stable	Good	Fair to poor	Fair to poor	Good
SP	Good: tractor, rubber-tired or vibratory roller	100-120	Almost none	Good drainage, pervious	Reasonably stable when dense	Good to fair	Poor	Poor	Poor to fair
SM	Good: rubber-tired or sheepsfoot roller	110-125	Slight	Poor drainage, impervious	Reasonably stable when dense	Good to fair	Poor	Poor	Poor to fair
SC	Good to fair: rubber-tired or sheepsfoot roller	105-125	Slight to medium	Poor drainage, impervious	Reasonably stable	Good to fair	Fair to poor	Excellent	Excellent
ML	Good to poor: rubber-tired or sheepsfoot roller	95-120	Slight to medium	Poor drainage, impervious	Poor stability, high density required	Fair to poor	Not suitable	Poor	Poor
CL	Good to fair: sheepsfoot or rubber-tired roller	95-120	Medium	No drainage, impervious	Good stability	Fair to poor	Not suitable	Poor	Poor
OL	Fair to poor: sheepsfoot or rubber-tired roller	80-100	Medium to high	Poor drainage, impervious	Unstable, should not be used	Poor	Not suitable	Not suitable	Not suitable
MH	Fair to poor: sheepsfoot or rubber-tired roller	70-95	High	Poor drainage, impervious	Poor stability, should not be used	Poor	Not suitable	Very poor	Not suitable
CH	Fair to poor: sheepsfoot roller	80-105	Very high	No drainage, impervious	Fair stability, may soften on expansion	Poor to very poor	Not suitable	Very poor	Not suitable
OH	Fair to poor: sheepsfoot roller	65-100	High	No drainage, impervious	Unstable, should not be used	Very poor	Not suitable	Not suitable	Not suitable
Pt	Not suitable		Very high	Fair to poor drainage	Should not be used	Not suitable	Not suitable	Not suitable	Not suitable

* The Unified Classification: Appendix A - Characteristics of Soil, Groups Pertaining to Roads and Airfields, and Appendix B - Characteristics of Soil Groups Pertaining to Embankments and Foundations, " Technical Memorandum 357, U.S. Waterways Experiment Station, Vicksburg, 1953.

** Not suitable if subject to frost.



UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D-2487)

Major Divisions		Group Symbols	Typical Names	Laboratory Classification Criteria			
Coarse-grained soils (more than half of material is larger than No. 200 sieve size)	Gravels (More than half of coarse fraction is larger than No. 4 sieve size)	Clean gravels (little or no fines)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3		
		Poorly graded gravels, gravel-sand mixtures, little or no fines	GP			Not meeting all gradation requirements for GW	
		Gravels with fines (appreciable amount of fines)	GM ^a	d	Silty gravels, gravel-sand-silt mixtures	Atterberg limits below "A" line or P.I. less than 4	Limits plotting within shaded area, above "A" line with P.I. between 4 and 7 are <i>borderline</i> cases requiring use of dual symbols
			u				
	GC		Clayey gravels, gravel-sand-clay mixtures	Atterberg limits above "A" line or P.I. greater than 7			
	Sands (More than half of coarse fraction is smaller than No. 4 sieve size)	Clean sands (little or no fines)	SW	Well-graded sands, gravelly sands, little or no fines	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3		
		Poorly graded sands, gravelly sands, little or no fines	SP			Not meeting all gradation requirements for SW	
		Sands with fines (Appreciable amount of fines)	SM ^a	d	Silty sands, sand-silt mixtures	Atterberg limits below "A" line or P.I. less than 4	Limits plotting within shaded area, above "A" line with P.I. between 4 and 7 are <i>borderline</i> cases requiring use of dual symbols
			u				
	SC		Clayey sands, sand-clay mixtures	Atterberg limits above "A" line or P.I. greater than 7			
	Fine-grained soils (More than half material is smaller than No. 200 sieve size)		Silts and clays (Liquid limit less than 50)	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity		
				CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays		
OL				Organic silts and organic silty clays of low plasticity			
Silts and clays (Liquid limit greater than 50)			MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts			
			CH	Inorganic clays of high plasticity, fat clays			
			OH	Organic clays of medium to high plasticity, organic silts			
Pt			Peat and other highly organic soils				

^a Division of GM and SM groups into subdivisions of d and u are for roads and airfields only. Subdivision is based on Atterberg limits, suffix d used when L.L. is 28 or less and the P.I. is 6 or less; the suffix u is used when L.L. is greater than 28.

^b Borderline classifications, used for soils possessing characteristics of two groups, are designated by combinations of group symbols. For example GW-GC, well-graded gravel-sand mixture with clay binder.

GENERAL NOTES

SAMPLE IDENTIFICATION

All samples are visually classified in general accordance with the Unified Soil Classification System (ASTM D-2487-75 or D-2488-75)

DESCRIPTIVE TERM (% BY DRY WEIGHT)

Trace:	1-10%
Little:	11-20%
Some:	21-35%
And/Adjective	36-50%

PARTICLE SIZE (DIAMETER)

Boulders:	8 in and larger
Cobbles:	3 in to 8 in
Gravel:	coarse - ¾ to 3 in fine - No. 4 (4.76 mm) to ¾ in
Sand:	coarse - No. 4 (4.76 mm) to No. 10 (2.0 mm) medium - No. 10 (2.0 mm) to No. 40 (0.42 mm) fine - No. 40 (0.42 mm) to No. 200 (0.074 mm)
Silt:	No. 200 (0.074 mm) and smaller (Non-plastic)
Clay:	No. 200 (0.074 mm) and smaller (Plastic)

SOIL PROPERTY SYMBOLS

Dd:	Dry Density (pcf)
LL:	Liquid Limit, percent
PL:	Plastic Limit, percent
PI:	Plasticity Index (LL-PL)
LOI:	Loss on Ignition, percent
Gs:	Specific Gravity
K:	Coefficient of Permeability
w:	Moisture content, percent
qp:	Calibrated Penetrometer Resistance, tsf
qs:	Vane-Shear Strength, tsf
qu:	Unconfined Compressive Strength, tsf
qc:	Static Cone Penetrometer Resistance Correlated to Unconfined Compressive Strength, tsf
PID:	Results of vapor analysis conducted on representative samples utilizing a Photoionization Detector calibrated to a benzene standard. Results expressed in HNU-units (BDL=Below Detection Limits)
N:	Penetration Resistance per 6 inch interval, or fraction thereof, for a standard 2 inch O.D. (1½ inch I.D.) split spoon sampler driven with a 140 pound weight free-falling 30 inches. Performed in general accordance with Standard Penetration Test Specifications (ASTM D-1586). N in blows per foot equals sum of N values where plus sign is shown
Nc:	Penetration Resistance per 1¼ inches of Dynamic Cone Penetrometer. Approximately equivalent to Standard Penetration Test N-Value in blows per foot.
Nr:	Penetration Resistance per 6 inch interval, or fraction thereof, for California Ring Sampler driven with a 140 pound weight free- falling 30 inches per ASTM D-3550. Not equivalent to Standard Penetration Test N-Value.

DRILLING AND SAMPLING SYMBOLS

SS:	Split-Spoon
ST:	Shelby Tube - 3" O.D. (except where noted)
CS:	3" O.D. California Ring Sampler
DC:	Dynamic Cone Penetrometer per ASTM Special Technical Publication No. 399
AU:	Auger Sample
DB:	Diamond Bit
CB:	Carbide Bit
WS:	Wash Sample
RB:	Rock-Roller Bit
BS:	Bulk Sample
Note:	Depth intervals for sampling shown on Record of Subsurface Exploration are not indicative of sample recovery, but position where sampling initiated

SOIL STRENGTH CHARACTERISTICS

COHESIVE (CLAYEY) SOILS

COMPARATIVE CONSISTENCY	BLOWS PER FOOT (N)
Very Soft	0-2
Soft	3-4
Medium Stiff	5-8
Stiff	9-15
Very Stiff	16-30
Hard	31+

DEGREE OF PLASTICITY	PI
None to Slight	0-4
Slight	5-10
Medium	11-30
High to Very High	31+

NON-COHESIVE (GRANULAR) SOILS

UNCONFINED COMPRESSIVE STRENGTH (TSF)	RELATIVE DENSITY	BLOWS PER FOOT (N)
0-0.25	Very Loose	0-4
0.25-0.50	Loose	5-10
0.50-1.00	Firm	11-30
1.00-2.00	Dense	31-50
2.00-4.00	Very Dense	51+
4.00+		

DEGREE OF EXPANSIVE POTENTIAL	PI
Low	0-15
Medium	15-25
High	25+



Important Information About Your Geotechnical Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

The following information is provided to help you manage your risks.

Geotechnical Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical engineering study conducted for a civil engineer may not fulfill the needs of a construction contractor or even another civil engineer. Because each geotechnical engineering study is unique, each geotechnical engineering report is unique, prepared *solely* for the client. No one except you should rely on your geotechnical engineering report without first conferring with the geotechnical engineer who prepared it. *And no one — not even you — should apply the report for any purpose or project except the one originally contemplated.*

Read the Full Report

Serious problems have occurred because those relying on a geotechnical engineering report did not read it all. Do not rely on an executive summary. Do not read selected elements only.

A Geotechnical Engineering Report Is Based on A Unique Set of Project-Specific Factors

Geotechnical engineers consider a number of unique, project-specific factors when establishing the scope of a study. Typical factors include: the client's goals, objectives, and risk management preferences; the general nature of the structure involved, its size, and configuration; the location of the structure on the site; and other planned or existing site improvements, such as access roads, parking lots, and underground utilities. Unless the geotechnical engineer who conducted the study specifically indicates otherwise, do not rely on a geotechnical engineering report that was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific site explored, or
- completed before important project changes were made.

Typical changes that can erode the reliability of an existing geotechnical engineering report include those that affect:

- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light industrial plant to a refrigerated warehouse,

- elevation, configuration, location, orientation, or weight of the proposed structure,
- composition of the design team, or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes—even minor ones—and request an assessment of their impact. *Geotechnical engineers cannot accept responsibility or liability for problems that occur because their reports do not consider developments of which they were not informed.*

Subsurface Conditions Can Change

A geotechnical engineering report is based on conditions that existed at the time the study was performed. *Do not rely on a geotechnical engineering report* whose adequacy may have been affected by: the passage of time; by man-made events, such as construction on or adjacent to the site; or by natural events, such as floods, earthquakes, or groundwater fluctuations. *Always* contact the geotechnical engineer before applying the report to determine if it is still reliable. A minor amount of additional testing or analysis could prevent major problems.

Most Geotechnical Findings Are Professional Opinions

Site exploration identifies subsurface conditions only at those points where subsurface tests are conducted or samples are taken. Geotechnical engineers review field and laboratory data and then apply their professional judgment to render an opinion about subsurface conditions throughout the site. Actual subsurface conditions may differ—sometimes significantly—from those indicated in your report. Retaining the geotechnical engineer who developed your report to provide construction observation is the most effective method of managing the risks associated with unanticipated conditions.

A Report's Recommendations Are *Not* Final

Do not overrely on the construction recommendations included in your report. *Those recommendations are not final*, because geotechnical engineers develop them principally from judgment and opinion. Geotechnical engineers can finalize their recommendations only by observing actual

subsurface conditions revealed during construction. *The geotechnical engineer who developed your report cannot assume responsibility or liability for the report's recommendations if that engineer does not perform construction observation.*

A Geotechnical Engineering Report Is Subject to Misinterpretation

Other design team members' misinterpretation of geotechnical engineering reports has resulted in costly problems. Lower that risk by having your geotechnical engineer confer with appropriate members of the design team after submitting the report. Also retain your geotechnical engineer to review pertinent elements of the design team's plans and specifications. Contractors can also misinterpret a geotechnical engineering report. Reduce that risk by having your geotechnical engineer participate in prebid and preconstruction conferences, and by providing construction observation.

Do Not Redraw the Engineer's Logs

Geotechnical engineers prepare final boring and testing logs based upon their interpretation of field logs and laboratory data. To prevent errors or omissions, the logs included in a geotechnical engineering report should *never* be redrawn for inclusion in architectural or other design drawings. Only photographic or electronic reproduction is acceptable, *but recognize that separating logs from the report can elevate risk.*

Give Contractors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can make contractors liable for unanticipated subsurface conditions by limiting what they provide for bid preparation. To help prevent costly problems, give contractors the complete geotechnical engineering report, *but* preface it with a clearly written letter of transmittal. In that letter, advise contractors that the report was not prepared for purposes of bid development and that the report's accuracy is limited; encourage them to confer with the geotechnical engineer who prepared the report (a modest fee may be required) and/or to conduct additional study to obtain the specific types of information they need or prefer. A prebid conference can also be valuable. *Be sure contractors have sufficient time* to perform additional study. Only then might you be in a position to give contractors the best information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions.

Read Responsibility Provisions Closely

Some clients, design professionals, and contractors do not recognize that geotechnical engineering is far less exact than other engineering disciplines. This lack of understanding has created unrealistic expectations that

have led to disappointments, claims, and disputes. To help reduce the risk of such outcomes, geotechnical engineers commonly include a variety of explanatory provisions in their reports. Sometimes labeled "limitations" many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

Geoenvironmental Concerns Are Not Covered

The equipment, techniques, and personnel used to perform a *geoenvironmental* study differ significantly from those used to perform a *geotechnical* study. For that reason, a geotechnical engineering report does not usually relate any geoenvironmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated environmental problems have led to numerous project failures.* If you have not yet obtained your own geoenvironmental information, ask your geotechnical consultant for risk management guidance. *Do not rely on an environmental report prepared for someone else.*

Obtain Professional Assistance To Deal with Mold

Diverse strategies can be applied during building design, construction, operation, and maintenance to prevent significant amounts of mold from growing on indoor surfaces. To be effective, all such strategies should be devised for the *express purpose* of mold prevention, integrated into a comprehensive plan, and executed with diligent oversight by a professional mold prevention consultant. Because just a small amount of water or moisture can lead to the development of severe mold infestations, a number of mold prevention strategies focus on keeping building surfaces dry. While groundwater, water infiltration, and similar issues may have been addressed as part of the geotechnical engineering study whose findings are conveyed in this report, the geotechnical engineer in charge of this project is not a mold prevention consultant; ***none of the services performed in connection with the geotechnical engineer's study were designed or conducted for the purpose of mold prevention. Proper implementation of the recommendations conveyed in this report will not of itself be sufficient to prevent mold from growing in or on the structure involved.***

Rely on Your ASFE-Member Geotechnical Engineer for Additional Assistance

Membership in ASFE/The Best People on Earth exposes geotechnical engineers to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a construction project. Confer with your ASFE-member geotechnical engineer for more information.



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