APPENDIX H

HAZARDOUS MATERIAL REPORTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prepared By: AEI Consultants

AEI Consultants
Environmental & Engineering Services

June 4, 2013

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

Property Identification:
1007-1025 Rollins Road and 1008-1020 Carolan Avenue
Burlingame, San Mateo County, California 94010

AEI Project No. 319450

Prepared for:
Mr. Tom Stucker
717 Hayne Road
Hillsborough, California 94010

Prepared by:
AEI Consultants
2500 Camino Diablo
Walnut Creek, California 94597
(925) 746-6000

San Francisco HQ
Atlanta
Chicago
Dallas
Denver
Irvine
Los Angeles
Miami
New York
Phoenix
Portland
San Jose

PROJECT SUMMARY

1007-1025 Rollins Road and 1008-1020 Carolan Avenue
Burlingame, San Mateo County, California 94010

Report Section		No Further Action	REC	HREC	BER	Recommended Action
2.1	Current use of subject property	**X**				
2.2	Adjoining property information	**X**				
3.1	Historical Summary	**X**		**X**	**X**	
4.0	Regulatory Agency Records Review	**X**		**X**		
5.0	Regulatory Database Records Review	**X**		**X**		
6.3	Previous Reports	**X**	**X**			
7.0	Site Inspection and Reconnaissance	**X**			**X**	
7.2.1	Asbestos-Containing Materials	**X**			**X**	
7.2.2	Lead-Based Paint	**X**			**X**	
7.2.3	Radon	**X**				
7.2.4	Lead in Drinking Water	**X**				
7.2.5	Mold	**X**				

AEI Consultants

EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Tom Stucker to conduct a Phase I Environmental Site Assessment (ESA), in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 1007-1025 Rollins Road and 1008-1020 Carolan Avenue in the City of Burlingame, San Mateo County, California. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

PROPERTY DESCRIPTION

The subject property is bordered by Rollins Road to the northeast and Carolan Avenue to the southwest and is located in a mixed commercial and residential area of Burlingame, California. The property totals approximately 4.76 acres consisting of three parcels of land. For clarity within this report, these parcels will be identified as Parcel A, B, and C.

Parcel A is located on the south side of Rollins Road. Parcel A is improved with one slab-on-grade building totaling approximately 49,000 square feet. Parcel A is associated with the address 1025 Rollins Road and the Assessor Parcel Number (APN) 026-240-370. Parcel A is occupied by Hyundai of Burlingame, and the service departments Chilton Autobody and Topline Automobile. On-site operations include office uses, auto sales, and auto repair and maintenance.

Parcel B is bordered by Rollins Road to the north and Carolan Avenue to the south. Parcel B is improved with three single-story, slab-on-grade buildings totaling approximately 26,000 square feet. Parcel B is associated with the addresses 1007-1009 Rollins Road and 1008 Carolan Avenue and the APN 026-240-360. Parcel B is occupied by Meineke Car Care Center at 1007 Rollins Road, Burlingame Auto Center at 1009 Rollins Road, and Enterprise Rent-A-Car and Anchor Auto Body & Detailing at 1008 Carolan Avenue. On-site operations include office uses, auto sales, auto detailing, car and truck rentals, and auto repair and maintenance.

Parcel C is located on the north side of Carolan Avenue. Parcel C is improved with two buildings totaling approximately 11,300 square feet; one single-story slab-on-grade building and one single-story building with a sub-grade basement. Parcel C is associated with the address 1020 Carolan Avenue and the APN 026-240-340. Parcel C is occupied by Cammisa Car Company. On-site operations include auto sales, maintenance, and repair.

During the site reconnaissance, hazardous materials consisting of motor oil, antifreeze, automatic transmission fluid, absorbent, and used oil filters were observed in connection with the auto servicing done on the subject property. Environmental concerns associated with the storage of these materials were noted during the site reconnaissance. Please refer to the *Findings* section below and Section 7.1 for additional information.

According to historical sources, the current building on Parcel A was constructed between 1956 and 1968. Prior to the construction of the building, the property was used as a coal storage shed in 1949, occupied by a planing mill in 1946, and was vacant land in 1943. Parcel A was formerly developed with a commercial structure in addition to the current building from at least 1956 to 1986.

According to historical sources, the current building on the southern portion Parcel B at 1008 Carolan Avenue was constructed in 1946. Prior to the construction of the building, the southern

portion of Parcel B was vacant land. The current subject property buildings on the northern portion of Parcel B at 1007 and 1009 Rollins Road were constructed in 1980. Prior to the construction of the buildings, the northern portion of Parcel B was occupied by California State Transportation Equipment from at least 1943-1979.

According to historical sources, the current building on the northern portion of Parcel C was constructed between 1949 and 1956, and the southern building was constructed between 1974 and 1982. Prior to the construction of the buildings, Parcel C was used for lumber storage or parking from 1946-1949, and was vacant land in 1943.

Based on a review of historical sources, the following historical addresses were associated with the subject property: 907-935 Bayshore Boulevard, 907-935 Rollins Road, and 950-956 Carolan Avenue. These addresses were also researched as part of this assessment.

The subject property was identified in the regulatory database under the name Anchor Detailing at 1008 Carolan Avenue as a Facility Index System (FINDS) and a Facility and Manifest Data (HAZNET) site; under the names Miller Chevrolet, Mike Harvey Olds Body, Cammisa Auto Inc., and Les Vogel Chrysler at 1025 Rollins Road as a Statewide Environmental Evaluation and Planning System Underground Storage Tank (SWEEPS UST), a California Facility Inventory Database UST (CA FID UST), a Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (RCRA-SQG) (twice), and a HAZNET (twice) site; under the names Alfred Molakdis Properties and Teevan Painting Inc. at 1019 Rollins Road as a Spills, Leaks, Investigations, and Cleanups (SLIC) (twice), Leaking Underground Storage Tank (LUST), and a RCRA-SQG site; under the name Bay Cities Collision Center at 1017 Rollins Road as a HAZNET site; under the name Mike Harvey Oldsmobile at 1008 Rollins Road as a RCRA-SQG site; under the names Les Vogel Dodge and Mike Harvey Toyota at 1007 Rollins Road as a HAZNET (twice), SWEEPS UST, CA FID UST, RCRA-SQG, and a LUST site; and under the name Burlingame S at 1020 Carolan Avenue as a SWEEPS UST and a CA FID UST site and is further discussed in Section 5.1.

The immediately surrounding properties consist of the following:

Direction from Site	Address-Tenant/Use
North	Rollins Road, followed by Highway 101
South	Carolan Avenue, followed by Caltrains Railroad Tracks
Southwest	Chilton Auto Body and Topline Automobile (1028 Carolan Avenue)
East	Single-family residences (900-1032 Toyon Drive)
West	Multi-family residences (1050-1090 Carolan Avenue, 1015-1045 Cadillac Way, and 1055 Rollins Road)

The adjacent site to the southwest, listed as Chilton Auto Body Burlingame Inc., Bay Cities Collision Center, and Cammisa Motor Car Company at 1028 Carolan Avenue, was identified in the regulatory database as a HAZNET (three times) site. Please refer to Section 5.1.

Based upon groundwater data collected at the subject property, groundwater beneath the subject property is variable and is presumed to be present at an estimated depth of seven to eight feet below ground surface (bgs).

FINDINGS

Recognized Environmental Conditions (RECs) are defined by the ASTM Standard Practice E1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat

of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. AEI's assessment has revealed the following RECs associated with the subject property or nearby properties:

- No on-site RECS were identified during the course of this assessment.

Historical Recognized Environmental Conditions (HRECs) are defined by the ASTM Standard Practice E1527-05 as an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. AEI's assessment has revealed the following HRECs associated with the subject property or nearby properties:

- According to files obtained from the SMCEHD, a 1,000-gallon gasoline UST, a 500-gallon paint thinner UST, and a paint disposal sump were removed from 1019 Rollins Road, formerly on Parcel A. Soil samples from the excavation were taken and three groundwater monitoring wells were installed. Analysis of the soil samples indicated that the soils were contaminated with tetrachloroethane (PCA), mineral spirits, mercury, and lead. An additional groundwater monitoring well was installed in 1994. The most recent groundwater data showed concentrations of 63 parts per billion (ppb) of total petroleum hydrocarbons (TPH) and 0.91 ppb of dichloroethene (DCE). Groundwater samples were non-detect for benzene, toluene, and ethylbenzene. The site was given closure in 1995 and the four wells were filled with concrete.

- According to files obtained from the SMCEHD, Les Vogel Dodge formerly occupied the building at 1007 Rollins Road on Parcel B. In October 1997, motor oil was observed coming up from a crack in the asphalt driveway in the area above the motor oil line. The motor oil line was excavated and a soil sample was collected. The sample indicated a concentration of 2,100 milligrams per kilogram (mg/kg) of total recoverable petroleum hydrocarbons (TRPH). The site then underwent two phases of over-excavation and one soil sample and one groundwater sample were analyzed for TRPH, benzene, toluene, ethylbenzene, and xylenes. The site was given closure in 2000; however, the case closure letter indicated that TRPH at concentrations of 800 mg/kg in the soil remain at the site.

- A previous Phase I report by AEI indicates that an 8,000-gallon gasoline UST and a 2,000-gallon waste oil UST were removed from 1025 Rollins Road. Soil and water samples were taken during the excavation. Low levels of TPH as gasoline (TPH-g), benzene, toluene, and ethylbenzene were detected in one sample. All other samples were non-detect for these contaminants including xylenes. The site was given closure in 1994.

- A previous Phase I report indicates that two 1,000-gallon USTs containing waste oil and motor oil were removed from 1007 Rollins Road. Two soil samples were taken beneath each of the tanks. Total oil and grease (TOG) was detected in three of the four samples at concentrations ranging from 85-90 parts per million (ppm), while TPH-g, benzene, toluene, ethylbenzene, and xylenes were not detected. The case was granted closure in August 1994.

De Minimis Environmental Conditions include environmental concerns identified by AEI that warrant discussion but do not qualify as RECs, as defined by the ASTM Standard Practice E1527-05. AEI's assessment has revealed the following de minimis environmental conditions associated with the subject property or nearby properties:

- Minor amounts of oily surface staining were observed throughout the interiors of the subject property and around the hazardous materials storage. The staining was located on concrete, and no drains were observed in the vicinity. Based on the small size and surficial nature of the staining, it is not expected to represent a significant environmental concern.

Business Environmental Risks (BERs) include risks which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of the subject property, not necessarily limited to those environmental issues required to be investigated in the standard ASTM scope. BERs may affect the liabilities and financial obligations of the client, the health & safety of site occupants, and the value and marketability of the subject property. AEI's assessment has revealed the following BERs associated with the subject property or nearby properties:

- According to a previous Phase I report, two 1,000-gallon underground storage tanks (USTs) were removed from 1008 Carolan Avenue in 1986. However, no documentation from the local regulatory agencies was found, nor was there a listing for this event in the regulatory database. The approximate location of the USTs was indicated in a site plan from the previous Phase I report. According to previous assessments, the USTs were removed under the oversight of the San Mateo County Environmental Health Department (SMEHD); however, the files related to the UST removals could not be located by SMCEHD personnel. SMCEHD personnel did indicate that file related to the removal of the two USTs associated with 1008 Carolan Avenue had been closed out by the SMCEHD. Based on the lack of documentation regarding these USTs, AEI is unable to determine whether any residual contamination was left in place after the removal of the USTs. While the lack of files related to the removal of these two USTs represents a BER, based on the information obtained from SMCEHD personnel, and given that the other USTs removed from the subject property during the same time period all received regulatory oversight including soil and groundwater characterization after UST removal, it appears that no significant release was detected during removal of the USTs associated with 1008 Carolan Avenue based on the lack of a LUST case associated with these two USTs. Based on this information, the USTs associated with 1008 Carolan Avenue are not expected to represent a significant environmental concern.

- Seven belowground lifts were observed inside the auto servicing area of CalBay Collision. The belowground lifts were installed in 1980. Based on the installation date, it is unlikely that fluid within the lifts contained PCBs. No further action in connection with the lifts appears warranted at this time; however, upon removal of the lifts, subsurface sampling should be considered.

- Due to the age of the subject property buildings, there is a potential that asbestos-containing materials (ACMs) are present. All observed suspect ACMs were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. In the event that building renovation or demolition activities are planned, an asbestos survey adhering to Asbestos Hazard Emergency Response Act (AHERA) sampling protocol should be performed prior to demolition or renovation activities that may disturb suspect ACMs.

- Due to the age of the subject property buildings, there is a potential that lead-based paint (LBP) is present. All observed painted surfaces were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Local regulations may apply to lead-based paint in association with building

demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an XRF survey performed in order to determine if LBP is present. It should be noted that construction activities that disturb materials or paints containing *any amount* of lead may be subject to certain requirements of the Occupational Safety and Health Administration (OSHA) lead standard contained in 29 CFR 1910.1025 and 1926.62.

- Two unlabeled 55-gallon drums were observed outside of the auto servicing area of Topline Automobile. No staining was observed around the drums and no drains were observed in the immediate vicinity of the drums. As a good management practice, if the drums are no longer in use, the drums and its contents should be removed from the property.

CONCLUSIONS, OPINIONS AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment for the property located at 1007-1025 Rollins Road and 1008-1020 Carolan Avenue in the City of Burlingame, San Mateo County, California, in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312). Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of RECs in connection with the property. AEI recommends no further investigations for the subject property at this time.

TABLE OF CONTENTS

FIGURES

APPENDICES

1.0 INTRODUCTION

This report documents the methods and findings of the Phase I Environmental Site Assessment (ESA) performed in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 1008-1020 Carolan Avenue and 1007-1025 Rollins Road in the City of Burlingame, San Mateo County, California (Figure 1: Site Location Map, Figure 2: Site Map, and Appendix A: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I Environmental Site Assessment is to assist the client in identifying potential environmental liabilities associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property, as well as regulatory non-compliance that may have occurred at the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

The goal of AEI Consultants in conducting the Phase I Environmental Site Assessment was to identify the presence or likely presence of any hazardous substances or petroleum products on the property that may indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum product into the soil, groundwater, or surface water of the property.

1.2 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI Consultants in this report. AEI Consultants relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI Consultants has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey topographic maps. AEI Consultants assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

1.3 LIMITATIONS

Property conditions, as well as local, state, tribal and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI Consultants makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the study.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: asbestos-containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, vapor intrusion, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-05.

If requested by the client, these non-scope issues are discussed in Section 7.2. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). ASTM Standard Practice E1527-05 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1) 42 U.S.C § 9601(35)(B), referenced in the ASTM Standard Practice E1527-05.

2) Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).

3) 42 U.S.C. 9601(40) and 42 U.S.C. 9607(q).

The Phase I Environmental Site Assessment is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property visit.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted

procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

1.4 LIMITING CONDITIONS

The performance of this Phase I Environmental Site Assessment was limited by the following conditions:

- The User did not complete the ASTM User questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established b the User in documentation outside of this investigation.

- Due to the large volume of stored products within the subject property buildings, direct visual observation of many of the floor and wall areas of the building was not possible. Features may be present that were not observed during AEI's site inspection.

1.5 DATA GAPS AND DATA FAILURE

According to ASTM E1527-05, data gaps occur when the Environmental Professional is unable to obtain information required, despite good faith efforts to gather such information.

Data failure is one type of data gap. According to ASTM E1527-05 "data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met". Pursuant to ASTM Standards, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier.

The following data gaps were identified during the course of this assessment:

Data Gap:	The earliest historical resource obtained during this investigation was an aerial photograph from 1943. The lack of historical sources for the subject property dating back to first developed use represents a historical data source failure.				
Does this data gap affect the EP's ability to identify RECs?		Yes		No	X
Rationale	In the 1943 aerial photograph, the northern portion of Parcel B of the subject property is occupied by the California Division of Highways Burlingame Maintenance Station. While the 1946 Sanborn map indicates three fuel storage tanks on the property, no records with the San Mateo County Environmental Health Department indicate that there was any unauthorized release on the property.				
Information/ sources consulted	Sanborn maps, Aerial photographs, Agency records				

1.6 RELIANCE

All reports, both verbal and written, are for the benefit of Mr. Thomas Stucker. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse

or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI's Proposal and Standard Terms & Conditions executed by Mr. Thomas Stucker on May 9, 2013. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

The subject property is bordered by Rollins Road to the northeast and Carolan Avenue to the southwest and is located in a mixed commercial and residential area of Burlingame, California. The property totals approximately 4.76 acres consisting of three parcels of land. For clarity within this report, these parcels will be identified as Parcel A, B, and C.

Parcel A is located on the south side of Rollins Road. Parcel A is improved with one slab-on-grade building totaling approximately 49,000 square feet. Parcel A is associated with the address 1025 Rollins Road and the Assessor Parcel Number (APN) 026-240-370. Parcel A is occupied by Hyundai of Burlingame, and the service departments Chilton Autobody and Topline Automobile. On-site operations include office uses, auto sales, and auto repair and maintenance.

Parcel B is bordered by Rollins Road to the north and Carolan Avenue to the south. Parcel B is improved with three single-story, slab-on-grade buildings totaling approximately 26,000 square feet. Parcel B is associated with the addresses 1007-1009 Rollins Road and 1008 Carolan Avenue and the APN 026-240-360. Parcel B is occupied by Meineke Car Care Center at 1007 Rollins Road, Burlingame Auto Center at 1009 Rollins Road, and Enterprise Rent-A-Car and Anchor Auto Body & Detailing at 1008 Carolan Avenue. On-site operations include office uses, auto sales, auto detailing, car and truck rentals, and auto repair and maintenance.

Parcel C is located on the north side of Carolan Avenue. Parcel C is improved with two buildings totaling approximately 11,300 square feet; one single-story slab-on-grade building and one single-story building with a sub-grade basement. Parcel C is associated with the address 1020 Carolan Avenue and the APN 026-240-340. Parcel C is occupied by Cammisa Car Company. On-site operations include auto sales, maintenance, and repair.

The subject property was identified in the regulatory database under the name Anchor Detailing at 1008 Carolan Avenue as a FINDS and a HAZNET site; under the names Miller Chevrolet, Mike Harvey Olds Body, Cammisa Auto Inc., and Les Vogel Chrysler at 1025 Rollins Road as a SWEEPS UST, a CA FID UST, a RCRA-SQG (twice), and a HAZNET (twice) site; under the names Alfred Molakdis Properties and Teevan Painting Inc. at 1019 Rollins Road as a twice, LUST, and a RCRA-SQG site; under the name Bay Cities Collision Center at 1017 Rollins Road as a HAZNET site; under the name Mike Harvey Oldsmobile at 1008 Rollins Road as a RCRA-SQG site; under the names Les Vogel Dodge and Mike Harvey Toyota at 1007 Rollins Road as a HAZNET (twice), SWEEPS UST, CA FID UST, RCRA-SQG, and a LUST site; and under the name Burlingame S at 1020 Carolan Avenue as a SWEEPS UST and a CA FID UST site and is further discussed in Section 5.1.

The Assessor's Parcel Numbers (APNs) for the subject property are 026-240-360, 026-240-370, and 026-240-340. According to Mr. Tom Stucker, owner of the subject property, heating and cooling systems on the subject property are fueled by natural gas and electricity provided by Pacific Gas & Electric (PG&E), and potable water and sewage disposal are provided by the City of Burlingame.

Refer to Figure 1: Site Location Map, Figure 2: Site Map, and Appendix A: Property Photographs for site location.

2.2 SITE AND VICINITY CHARACTERISTICS

The immediately surrounding properties consist of the following:

Direction from Site	Address-Tenant/Use
North	Rollins Road, followed by Highway 101
South	Carolan Avenue, followed by Caltrains Railroad Tracks
Southwest	Chilton Auto Body and Topline Automobile (1028 Carolan Avenue)
East	Single-family residences (900-1032 Toyon Drive)
West	Multi-family residences (1050-1090 Carolan Avenue, 1015-1045 Cadillac Way, and 1055 Rollins Road)

The adjacent site to the southwest, listed as Chilton Auto Body Burlingame Inc., Bay Cities Collision Center, and Cammisa Motor Car Company at 1028 Carolan Avenue, was identified in the regulatory database as a HAZNET (three times) site. Please refer to Section 5.1.

2.3 PHYSICAL SETTING

Geology: Based on a review of the United States Geological Survey (USGS) San Francisco Bay Quadrangle Geologic Map, the area surrounding the subject property is underlain by Holocene era saline marsh deposits which are commonly characterized by gray to grayish-black mud and silty mud with interbedded layers of silt, fire sand, peaty mud, and peat containing roots and sparse seeds of estuarine marsh plants.	
USGS Topographic Map:	San Mateo, California Quadrangle
Nearest surface water to subject property:	San Francisco Bay/0.06 Mile Northeast
Gradient Direction/Source:	Variable/Subject property groundwater monitoring data
Estimated Depth to Groundwater/Source:	7-8 feet bgs/ Subject property groundwater monitoring data

3.0 HISTORICAL REVIEW OF SITE AND VICINITY

3.1 HISTORICAL SUMMARY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-05 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historic city directories, Sanborn fire insurance maps and agency records is as follows:

Parcel A

Date Range	Subject Property Description/Use	Source(s)
1943	Vacant Land	Aerials
1946	Developed with a planing mill and used for storage/parking	Aerials, Sanborn maps
1949	Used as a coal storage shed	Sanborn map
1956-1959	Developed with a commercial building and the southeast portion of the current building, used as a car parts warehouse,	Sanborn maps, aerials
1968-1986	Developed with the current building and a commercial structure	Aerials, Sanborn maps, city directories
1986-present	Developed with the current improvements, used for auto sales and servicing	Aerials, building records, city directories

Parcel B

Date Range	Subject Property Description/Use	Source(s)
1943-1946	Developed with three structures, used by California State Transportation Equipment on the northern portion	Aerials, Sanborn maps
1946-1979	Developed with three structures and the current structure at 1008 Carolan Avenue	Aerials, Sanborn maps
1980-present	Developed with the current improvements/ Used for auto sales, maintenance, and repair	Aerials, city directories, building records

Parcel C

Date Range	Subject Property Description/Use	Source(s)
1943	Vacant land	Aerials
1946-1949	Vacant/used for storage	Aerials, Sanborn maps
1956-1974	Developed with the northern building/used as a bus repair facility	Aerials, Sanborn maps
1982-present	Developed with the current improvements/used for auto sales, repair, and maintenance	Aerials, City directories, building records

According to historical sources, the current building on Parcel A was constructed between 1956 and 1968. Prior to the construction of the building, the property was used as a coal storage shed in 1949, occupied by a planing mill in 1946, and was vacant land in 1943. Parcel A was formerly developed with a commercial structure in addition to the current building from at least 1956 to 1986.

According to historical sources, the current building on the southern portion Parcel B at 1008 Carolan Avenue was constructed in 1946. Prior to the construction of the building, the southern portion of Parcel B was vacant land. The current subject property buildings on the northern portion of Parcel B at 1007 and 1009 Rollins Road were constructed in 1980. Prior to the construction of the buildings, the northern portion of Parcel B was occupied by California State Transportation Equipment from at least 1943-1979.

According to historical sources, the current building on the northern portion of Parcel C was constructed between 1949 and 1956, and the southern building was constructed between 1974 and 1982. Prior to the construction of the buildings, Parcel C was used for lumber storage or parking from 1946-1949, and was vacant land in 1943.

Based on a review of historical sources, the following historical addresses were associated with the subject property: 907-935 Bayshore Boulevard, 907-935 Rollins Road, and 950-956 Carolan Avenue. These addresses were also researched as part of this assessment.

If available, copies of historical sources are provided in the report appendices.

3.2 AERIAL PHOTOGRAPH REVIEW

AEI Consultants reviewed aerial photographs of the subject property and surrounding area. Aerial photographs were reviewed for the following years:

Date(s)	Scale	Subject Property Description	Surrounding Area Descriptions
1943	1"=500'	The northeast portion of Parcel B is developed with three commercial structures. The remaining areas of the subject property appear as vacant land	**North:** Rollins Road **South:** Carolan Avenue, followed by railroad tracks **Southwest:** Vacant land **East:** Single-family residences **West:** Property developed with three structures, likely for industrial or commercial purposes

1946	1"=500'	The subject property is developed with the current structure at 1008 Carolan Avenue. Parcel A and C appear to be used for storage or parking purposes. Parcel B remains unchanged.	**North:** No significant changes **South:** No significant changes **Southwest:** Developed with a commercial structure **East:** No significant changes **West:** No significant changes
1956	1"=500'	The subject property is developed with commercial building and the southeast portion of the current structure on Parcel A and one of the current structures on Parcel C, which is used as a bus repair facility. Parcel B remains unchanged	**North:** Rollins Road, followed by Highway 101 **South:** No significant changes **Southwest:** No significant changes **East:** No significant changes **West:** No significant changes
1968	1"=500'	Subject property is developed with the current building along with the commercial structure on Parcel A. Parcels B and C remain unchanged.	**North:** No significant changes **South:** No significant changes **Southwest:** No significant changes **East:** No significant changes **West:** No significant changes
1974	1"=500'	No significant changes	**North:** No significant changes **South:** No significant changes **Southwest:** No significant changes **East:** No significant changes **West:** Multi-family residences
1982	1"=500'	Parcel B and Parcel C are developed with the current improvements. Parcel A remains unchanged.	No significant changes
1993	1"=500'	The subject property appears with the current improvements	No significant changes
1998 2005 2009 2010 2012	1"=500'	No significant changes	No significant changes

3.3 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of Environmental Data Resources' collection of Sanborn Fire Insurance maps.

Sanborn maps were available and reviewed for the years 1946, 1949, 1959, and 1970.

Date(s)	Subject Property Description	Surrounding Area Descriptions
1946	Parcel B is developed with a beer warehouse and the Division of Highways, Burlingame Maintenance Station. Parcel B contains three fuel storage tanks (apparently aboveground). Parcel A is developed with a planing mill. Parcel C shows no structures, but contains "irregular lumber piles." The subject property is also identified under the addresses 907, 915, 921, 1007, and 1015 Bayshore Boulevard, and 1012 Carolan Avenue.	**North:** Rollins Road **South:** Carolan Avenue, followed by railroad tracks **Southwest:** Not Depicted **East:** Single-family dwellings **West:** Not depicted

1949	The previous planing mill on Parcel A has been replaced with a coal storage shed; the rest of the subject property remains unchanged.	No significant changes
1959	Parcel A is occupied by an auto parts warehouse in place of the former coal storage shed. Parcel C is used for bus repair. The rest of the subject property remains unchanged. The subject property is also identified under the addresses 950, 954, 956, and 1018 Carolan Avenue and 935 Bayshore Boulevard.	**North:** No significant changes **South:** No significant changes **Southwest:** Blower System and Lumber Shed **East:** No significant changes **West:** Two shops, a dwelling, and equipment storage and repair yard
1970	The subject property is occupied with the same occupants as in the 1959 Sanborn, with the addition of a warehouse and office on the westernmost portion of Parcel A.	**North:** No significant changes **South:** No significant changes **Southwest:** No significant changes **East:** No significant changes **West:** One dwelling, a welding shop, and equipment storage and repair yard

3.4 CITY DIRECTORIES

A search of historic city directories was conducted for the subject property utilizing AEI's collection of Haines & Company Criss-Cross City Directories. Directories were available and reviewed for the years 1976, 1980, 1985, 1990, 1995, 2001, and 2006. The following table summarizes the results of the city directory search.

City Directory Search Results

Date(s)	Occupant Listed (Address)
1970	Golden Brands (1008 Carolan Avenue) Rice, John G (1015 Rollins Road) Larry Mangus; Roese, William (1019 Rollins Road) Automatic Catering; Coca Cola Bottling (1025 Rollins Road)
1976	T&M Camper Mfg (1008 Carolan Avenue) California State Transportation Equipment (1007 Rollins Road) Teevan Painting (1019 Rollins Road) XXXX (1025 Rollins Road)
1980	T&M Camper Mfg (1008 Carolan Avenue) XXXX (1007 Rollins Road) Cook's Auto Body (1017 Rollins Road) Teevan Painting (1019 Rollins Road) Neufeld Porsche, Inc. (1025 Rollins Road)
1985	Mike Harvey Olds (1008 Carolan Avenue) XXXX (1016 Carolan Avenue) Arata Honda (1020 Carolan Avenue) Mike Harvey Olds (1007 Rollins Road) Mike Harvey Olds (1017 Rollins Road) Teevan Painting (1019 Rollins Road) Miller Chevrolet (1025 Rollins Road)
1990	XXXX (1016 Carolan Avenue) Arata Honda (1020 Carolan Avenue) Mike Harvey Parts (1007 Rollins Road) Mike Harvey Body Shop (1017 Rollins Road) Miller Chevrolet (1025 Rollins Road)
1995	Anchor Detailing and Enterprise Rent-A-Car (1008 Carolan Avenue) Cammisa Motor Car Company (1020 Carolan Avenue) Les Vogel Dodge (1007 Rollins Road)

Date(s)	Occupant Listed (Address)
	Bay Cities Collision (1017 Rollins Road) XXXX (1025 Rollins Road)
2001	Anchor Detailing and Enterprise Rent-A-Car (1008 Carolan Avenue) Cammisa Motor Car Company (1020 Carolan Avenue) Les Vogel Dodge (1007 Rollins Road) Car Care Network (1017 Rollins Road) Stucker, Thomas (1025 Rollins Road)
2006	Anchor Auto Body (1008 Carolan Avenue) Cammisa Motor Car Company (1020 Carolan Avenue) Car Care Network (1017 Rollins Road) Lithia Chrysler Jeep Dodge (1025 Rollins Road)

Based on a review of historical city directories, the subject property has been used for auto repair, maintenance, and sales since at least 1980. Prior to 1980, the subject property was occupied by the State Department of Transportation and a truck trailer company.

3.5 HISTORICAL TOPOGRAPHIC MAPS

In accordance with our approved scope of services, historical topographic maps were not reviewed as a part of this assessment.

3.6 CHAIN OF TITLE

In accordance with our approved scope of services, a Chain of Title search was not performed as part of this assessment.

4.0 REGULATORY AGENCY RECORDS REVIEW

4.1 REGULATORY AGENCIES

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to Activity and Use Limitations (AULs), defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1.1 HEALTH DEPARTMENT

On May 20, 2013, AEI visited the San Mateo County Environmental Health Department (SMCEHD) for information on the subject property and nearby sites of concern. Files at this agency may contain information regarding hazardous materials storage, as well as information regarding unauthorized releases of petroleum hydrocarbons or other contaminants that may affect the soil or groundwater in the area.

According to files obtained from the SMCEHD, a 1,000-gallon gasoline UST, a 500-gallon paint thinner UST, and a paint disposal sump were removed from 1019 Rollins Road, formerly on Parcel A. Soil samples from the excavation were taken and three groundwater monitoring wells were installed. Analysis of the soil samples indicated that the soils were contaminated with tetrachloroethane (PCA), mineral spirits, mercury, and lead. An additional groundwater monitoring well was installed in 1994. The most recent groundwater data showed concentrations of 63 parts per billion (ppb) of total petroleum hydrocarbons (TPH) and 0.91 ppb of dichloroethene (DCE). Groundwater samples were non-detect for benzene, toluene, and ethylbenzene. The site was given closure in 1995 and the four wells were filled with concrete.

According to files obtained from the SMCEHD, Les Vogel Dodge formerly occupied the building at 1007 Rollins Road on Parcel B. In October 1997, motor oil was observed coming up from a crack in the asphalt driveway in the area above the motor oil line. The motor oil line was excavated and a soil sample was collected. The sample indicated a concentration of 2,100 milligrams per kilogram (mg/kg) of total recoverable petroleum hydrocarbons (TRPH). The site then underwent two phases of over-excavation and one soil sample and one groundwater sample were analyzed for TRPH, benzene, toluene, ethylbenzene, and xylenes. The site was given closure in 2000; however, the case closure letter indicated that TRPH at concentrations of 800 mg/kg in the soil remain at the site.

A previous Phase I report by AEI indicates that an 8,000-gallon gasoline UST and a 2,000-gallon waste oil UST were removed from 1025 Rollins Road. Soil and water samples were taken during the excavation. Low levels of TPH as gasoline (TPH-g), benzene, toluene, and ethylbenzene were detected in one sample. All other samples were non-detect for these contaminants including xylenes. The site was given closure in 1994.

The previous Phase I report also indicates that two 1,000-gallon USTs containing waste oil and motor oil were removed from 1007 Rollins Road. Two soil samples were taken beneath each of the tanks. Total oil and grease (TOG) was detected in three of the four samples at concentrations ranging from 85-90 parts per million (ppm), while TPH-g, benzene, toluene, ethylbenzene, and xylenes were not detected. The case was granted closure in August 1994.

4.1.2 FIRE DEPARTMENT

On May 20, 2013, AEI visited the Central County Fire Department (CCFD) for information on the subject property to identify any evidence of previous or current hazardous material usage.

Date	Business (Address)	Document type	Document Notes/Violations
1967	Coca Cola Co. (1017 Bayshore Boulevard)	Permit	Permit to install one 7,500 gallon UST
1973	Teevan Painting (1019 Rollins Road)	Permit	Permit to install one 550 gallon and one 1,000-gallon solvent UST
1980	Mike Harvey Olds Body Shop (1008 Carolan Avenue)	Inspection	Removal of one 2,500-gallon waste oil UST, and installation of two 1,000-gallon oil USTs
1980	Mike Harvey Oldsmobile (1008 Carolan Avenue)	Permit	Permit to install two 1,000-gallon USTs for new and waste oil
1984	Mike Harvey Olds (1008 Carolan Avenue)	Inspection	One 2,500-gallon gasoline UST One 2,500-gallon diesel UST One 1,000-gallon oil UST One 1,000-gallon waste oil UST
1986	Mike Harvey (1008 Carolan Avenue)	Permit	Permit to remove two 500-gallon diesel USTs, two pumps, and a vent
1990	Alvin Arata (1020 Carolan Avenue)	Permit	Permit to close underground hazardous materials storage tanks. Two 550-gallon and two 2,000-gallon tanks.
1990	Alvin Arata (1020 Carolan Avenue)	Permit	Removal of 4 USTs. All tanks removed with no visible contamination. Removal and soil sampling oversaw by Dirk Jensen of the San Mateo County Environmental Health Department
2007	Lithia Chrysler-Jeep-Dodge of Burlingame (1007 Rollins Road)	Facility Storage Map	The facility storage map indicates a 360-gallon motor oil tank and a 240-gallon automatic transmission fluid tank
2009	Anchor Auto Body & Detailing (1008 Carolan Avenue)	Hazardous Materials Inventory	Paint Related Materials Automotive Paint Acetylene Gas Oxygen Gas Argon Gas Waste Paint Related Materials
2009	Burlingame Chrysler Jeep (1025 Rollins Road)	Hazardous Materials Inventory	Automatic Transmission Fluid Motor Oil Soap/Detergents Waste Antifreeze Automotive Batteries Waste Absorbent and Oil

Records with the CCFD indicate that there were previously four USTs at 1020 Carolan Avenue. The USTs were removed in 1990. The removal of the USTs was overseen by Dirk Jensen of the

San Mateo County Environmental Health Department. No visible contamination was noted during the removal of the USTs. The location of the former USTs was not noted in any documents with the CCFD.

4.1.3 BUILDING DEPARTMENT

On May 20, 2013, AEI visited the Burlingame Building Department (BBD) for information on the subject property in order to identify historical tenants and property use. Please refer to the following table for a listing of permits reviewed:

Building Permits Reviewed

Year(s)	Owner/Applicant (Address)	Description of Permit/Building Use
1963	Division of Highways (1007-1015 Bayshore Boulevard)	Add bedroom and bath
1973	Alfred Molakidis (1017-1025 Rollins Road)	New auto showroom and site improvements
1973	James Teevan (1019 Rollins Road)	Permit to install an UST
1975	Alfred Molakidis (1017 Rollins Road)	Permit for an auto showroom and office alteration
1975	Neufeld Porsche (1025 Rollins Road)	Replace Coca Cola Sign
1976	Cook's Auto Body (1017 Rollins Road)	Install paint booth
1976	Cook's Auto Body (1017 Rollins Road)	Install paint storage rooms
1978	Mike Harvey Olds (1007-1015 Rollins Road)	Permit to service and store motor vehicles
1978	Barney Cook (1017 Rollins Road)	Alteration
1979	Mike Harvey Olds (1007-1015 Rollins Road)	Permit to demolish buildings
1979	Mike Harvey Olds (1007)	Permit for a new auto sales and service facility
1980	Mike Harvey Olds (1008 Carolan Avenue)	Permit for one 1,000-gallon UST
1983	Mike Harvey Olds (1007 Rollins Road)	New car showroom
1983	Mike Harvey Olds (1017 Rollins Road)	Tenant improvements to body and paint shop
1986	Teevan (1019 Rollins Road)	Permit to demolish the existing building
1986	Alfred Molakidis (1019 Rollins Road)	Permit to remove one 1,000-gallon and one 500-gallon USTs
1990	Mike Harvey Olds (1025 Rollins Road)	Permit to install five hoists
1990	(1020 Carolan Avenue)	Permit for a new body shop
1991	Al Molakidis (1025 Rollins Road)	Permit to remove one 2,000-gallon waste oil UST and one 8,000-gallon gasoline UST
1994	Molakidis (1025 Rollins Road)	Permit to install cleanout and house trap

4.1.4 PLANNING DEPARTMENT

On May 17, 2013, AEI contacted the Burlingame Planning Department (BPD) for information on the subject property in order to identify AULs associated with the subject property.

No information indicating the existence of AULs was on file for the subject property with the BPD.

4.1.5 COUNTY ASSESSOR OFFICE

On May 17, 2013, AEI contacted the San Mateo County assessor's office for information on the subject property in order to determine the earliest recorded date of development and use.

No information pertaining to the original date of development and use of the subject property was available with the San Mateo County assessor's office.

4.1.6 DEPARTMENT OF OIL AND GAS

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) maps concerning the subject property and nearby properties were reviewed. DOGGR maps contain information regarding oil and gas development.

According to the DOGGR map, there are no oil or gas wells within 500 feet of the subject property. No environmental concerns were noted during the DOGGR map review.

4.1.7 OTHER AGENCIES SEARCHED

On May 20, 2013, AEI accessed the State Water Resources Control Board's (SWRCB) GeoTracker website for information on the subject property and/or nearby sites of concern to identify any evidence of unauthorized releases of hazardous materials to the groundwater. Cases typically handled by the SWRCB include releases from underground storage tanks (USTs).

GeoTracker indicates that the subject property has been cited three times for an unauthorized release. GeoTracker indicates that Teevan Exterior Contractors at 1019 Rollins Road is currently an open, inactive SLIC site; Alfred Molakdis Properties at 1019 Rollins Road is a closed SLIC site; and Les Vogel at 1007 Rollins Road is a closed LUST cleanup site. These listings were previously discussed in Section 4.1.1.

On May 20, 2013, AEI accessed the Department of Toxic Substance Control's (DTSC) Hazardous Waste Tracking System (HWTS) website for files regarding documented hazardous wastes generated at the subject property and/or nearby sites of concern.

The subject property was listed in the HWTS for generating hazardous waste at the address 1008 Carolan Road under the names Anchor Detailing and Mike Harvey Chrysler Plymouth; at the address 1007 Rollins Road under the names Les Vogel Dodge and Les Vogel Dodge Chrysler; at the address 1017 Rollins Road under the name Bay Cities Collision Center; at the address 1019 Rollins Road under the names Alfred Molakidis and Teevan Painting Inc.; and at the address 1025 Rollins Road under the names Burlingame Chrysler Jeep Dodge, Cammisa Auto Inc. Cammisa Motor Car Hyundai, Les Vogel Chrysler, Lithia Chrysler Jeep Dodge, and Miller Chevrolet. Hazardous waste generated at the property is further discussed in Sections 5.1 and 7.1.

5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted Environmental Data Resources (EDR) to conduct a search of federal, state, tribal, and local databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-05 are summarized in the following table. A copy of the regulatory database report is included in Appendix B of this report.

The subject property was identified in the databases reviewed as a FINDS, HAZNET (six times), SWEEPS UST (three times), CA FID UST (three times), RCRA-SQG (five times) SLIC (twice), and LUST (twice) site. These listings are discussed below.

In determining if a site is a potential environmental concern to the subject property in the records summary table below, AEI has applied the following criteria to classify the site(s) as low concern: 1) the site(s) only hold an operating permit (which does not imply a release), 2) the site(s) have been granted "No Further Action" by the appropriate regulatory agency, and/or 3) based upon AEI's review, the distance and/or topographic position relative to the subject property reduce the level of risk associated with the site(s).

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property Listed	Total Number of Listings	Potential Environmental Concern to the Subject Property (Yes/No)
NPL	1	No	0	
DELISTED NPL	0.5	No	0	
CERCLIS	0.5	No	0	
CERCLIS NFRAP	0.5	No	0	
RCRA CORRACTS	1	No	0	
RCRA-TSD	0.5	No	0	
RCRA LG-GEN, SM-GEN, CESQGs, VGN, NLR	TP/ADJ	**Yes**	5	The subject property is discussed below
US ENG CONTROLS	TP	No	0	
US INST CONTROLS	TP	No	0	
ERNS	TP	No	0	
STATE/TRIBAL HWS	1	**Yes**	8	The subject property is discussed below
STATE/TRIBAL SWLF	0.5	No	1	No
STATE/TRIBAL REGISTERED STORAGE TANKS	TP/ADJ	**Yes**	6	The subject property is discussed below

Database	Search Distance (Miles)	Subject Property Listed	Total Number of Listings	Potential Environmental Concern to the Subject Property (Yes/No)
STATE/TRIBAL LUST	0.5	**Yes**	48	The subject property is discussed below
STATE/TRIBAL ENG-INST CONTROLS	TP	No	0	
STATE/TRIBAL VCP	0.5	No	0	
STATE/TRIBAL BROWNFIELD	0.5	No	0	
ORPHAN	N/A	No	20	None of the identified orphan sites are located in the immediate vicinity (500-feet) of the subject property, and therefore, these sites are not expected to represent a significant environmental concern.
NON-ASTM DATABASES	TP/ADJ	**Yes**	10	The subject property and adjacent property are discussed below

Site Name: Anchor's Away Detailing
Database(s): FINDS, HAZNET
Address: 1008 Carolan Avenue
Distance: Parcel B of the subject property

Comments: Details provided by the database indicate that the Anchor's Away Detailing at 1008 Carolan Avenue generated 0.4170 tons of waste oil and mixed oil in 1994; 1.9390 tons of oil water separation sludge in 1997; between 0.18 and 0.68 tons of an unspecified solvent mixture between 2001 and 2008; 2.08 and 1.14675 tons of an unspecified oil-containing waste in 2002 and 2011, respectively; 0.18765 and 0.1668 tons of hydrocarbon solvents (benzene, hexane, Stoddard, etc.) in 2008 and 2009, respectively; 0.22935 tons of "other organic solids" in 2010; 0.126 tons of an aqueous solution with total organic residues less than 10 percent in 2010; and 0.236 tons of an unspecified organic liquid mixture in 2011. Based on the lack of a documented release and the overall good housekeeping observed during the onsite reconnaissance at this address, these listings are not expected to represent a significant environmental concern.

Site Name: Les Vogel Dodge/ Les Vogel Dodge Chrysler/ Mike Harvey Toyota/ Mike Harvey Oldsmobile/ Bay Cities Collision Center
Database(s): HAZNET (three times), RCRA-SQG (twice), SWEEPS UST, CA FID UST, LUST
Address: 1017 Rollins Road, 1008 Rollins Road, and 1007 Rollins Road
Distance: Parcel B of the subject property

Comments: Details provided by the database for the HAZNET listing for Bay Cities Collision Center at 1017 Rollins Road indicate that the site generated between 0 and 2.22678 tons of an unspecified solvent mixture between 1993 and 2001; 0.1875 tons of an aqueous solution with total organic residues less than 10 percent in 1993; between 0.35 and 3.2106 tons of an unspecified organic liquid mixture between 1994 and 2006; 0.35 tons of "other organic solids" in 1995; between 0.01 and 1.24 tons of oxygenated solvents (acetone, butanol, ethyl acetate, etc.) between 1996 and 2002; and 0.9382 and 0.1251 tons of waste oil and mixed oil in 1999. Details for the HAZNET listing for Les Vogel

Dodge and Les Vogel Dodge Chrysler at 1007 Rollins Road indicate that the site generated between 0.5 and 3.7947 tons of an aqueous solution with total organic residues less than 10 percent between 1993 and 2000; between 0.7172 and 2.6020 tons of an aqueous solution with total organic residues 10 percent or more between 1995 and 1999, 0.0450 tons of an unspecified organic liquid mixture in 1998; 0.5 tons of an unspecified oil-containing waste in 2000; and 0.45 and 0.3 tons of "other organic solids" in 2000 and 2001, respectively.

The RCRA-SQG listings indicate that Les Vogel Dodge at 1007 Rollins road generates hazardous waste which is categorized as "ignitable hazardous wastes." No violations were noted in regards to this listing.

Details for the SWEEPS UST and CA FID UST listings indicate that Les Vogel Dodge at 1007 Rollins Road formerly one 550-gallon oil UST and one 250-gallon waste oil UST. Information pertaining to the LUST listing and the former tanks on the property were previously discussed in Section 4.1.1.

Site Name: Miller Chevrolet/ Mike Harvey Olds Body/ Cammisa Auto Inc. Cammisa Motor Car Hyundai/ Les Vogel Chrysler/ Teevan Exterior Contractors/ Alfred Molakdis Properties/ Teevan Painting Inc.
Database(s): SWEEPS UST, CA FID UST, RCRA-SQG (three times), HAZNET (twice), SLIC (twice), LUST
Address: 1025 Rollins Road/ 1019 Rollins Road
Distance: Parcel A of the subject property

Comments: Details provided by the database for this site indicate that there were previously two USTs on the property which contained motor vehicle fuel and waste oil. The site was also listed as a closed SLIC and closed LUST site. The previous releases associated with the property were previously discussed in Section 4.1.1.

Details provided by the database for the HAZNET listing for Les Vogel Chrysler at 1025 Rollins Road indicates that the site generated 0.5004 tons of an aqueous solution with total organic residues less than 10 percent in 1994; and between 0 and 4.71 tons of an unspecified organic liquid mixture between 1998 and 2000. Details for the HAZNET listing for Cammisa Auto Inc. Cammisa Motor Car Hyundai at 1025 Rollins Road indicate that the site generated 0.02919 tons of hydrocarbon solvents (benzene, hexane, Stoddard, Etc.) in 2011. Due to the lack of a documented release, these listings are not expected to represent a significant environmental concern.

Site Name: Burlingame S
Database(s): SWEEPS UST, CA FID UST
Address: 1020 Carolan Avenue
Distance: Parcel C of the subject property

Comments: Details provided by the database for this site indicate that the site previously had two 2,000-gallon motor vehicle fuel USTs and two 550-gallon waste oil USTs. According to files with the Central County Fire Department, the removal of these USTs was overseen by Dirk Jensen of the San Mateo County Environmental Health Department. Based on the lack of a documented release, these listings are not expected to represent a significant environmental concern.

Site Name: Chilton Auto Body Burlingame Inc./ Bay Cities Collision Center/ Cammisa Motor Car Co.
Database(s): HAZNET (three times)
Address: 1028 Carolan Avenue
Distance: Adjoining Property
Direction: Southwest

Comments: Details provided by the database for the HAZNET listing for Cammisa Motor Car Co. indicate that the site generated 2.3 tons of waste oil and mixed oil in 2001. Details for the HAZNET listing for Bay Cities Collision Center indicate that the site generated 0.02 tons of an aqueous solution with total organic residues less than 10 percent in 2001; between 0.05 and 1.62 tons of an unspecified solvent mixture between 2001 and 2006; between 0.13 and 0.31 tons of an unspecified organic liquid mixture between 2006 and 2007; and 0.25 tons of an unreported waste in 2007. Details for the HAZNET listing for Chilton Auto Body Burlingame Inc. indicate that the site generated between 0.03 and 0.325 tons of "other still bottom waste" between 2007 and 2010; 0.19 tons of an unspecified solvent mixture in 2007; 0.5421 and 0.5838 tons of an unspecified oil-containing waste in 2008 and 2010, respectively; 0.25 tons of oxygenated solvents (acetone, butanol, ethyl acetate, etc.) in 2009; and between 0.2 and 0.834 tons of an aqueous solution with total organic residues 10 percent or more between 2010 and 2011. Due to the lack of a documented release, these listings are not expected to represent a significant environmental concern.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-05, the following interviews were performed during this investigation in order to obtain information indicating RECs in connection with the subject property.

6.1.1 INTERVIEW WITH OWNER

The subject property owner, Mr. Tom Stucker, was interviewed on May 20, 2013. Mr. Stucker has been associated with the subject property for 20 years. Mr. Stucker was asked if he was aware of any of the following:

Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property.		Yes	**X**	No
Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.		Yes	**X**	No
Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.		Yes	**X**	No
Any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality.		Yes	**X**	No

6.1.2 INTERVIEW WITH KEY SITE MANAGER

The interview with the key site manager, Mr. Tom Stucker, was previously discussed above.

6.1.3 PAST OWNERS, OPERATORS AND OCCUPANTS

Interviews with past owners and occupants regarding historical onsite operations were not reasonably ascertainable. However, based on information obtained from other sources including interviews, historical sources, and agency records, it is likely that the information provided by past owners and operators would have been duplicative.

6.1.4 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this section.

6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-05 and EPA's AAI Rule, certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the environmental professional. The responsibility for qualifying for Landowner Liability Protections (LLPs) by conducting the inquiries ultimately rests with the User, and providing the information to the environmental professional would be prudent if such information is available.

The User did not complete the ASTM User questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION

Documentation was provided to AEI by the Client during this assessment. A summary of this information follows:

Phase I Environmental Site Assessment, prepared by AEI Consultants (July 26, 2006)

AEI's 2006 investigation was prepared for the subject property, but did not include the buildings at 1020 Carolan Avenue. The other structures on the subject property were developed with the current improvements. During the course of AEI's previous assessment, a previous report for the subject property, completed by Accutite in 1998 was also reviewed. Additionally, Accutite's report summarized a previous assessment conducted by Earth Matrics, Inc.; however, a copy of that report was not appended to Accutite's report. Information included within these reports has been incorporated within this report where applicable.

7.0 SITE INSPECTION AND RECONNAISSANCE

On May 20, 2013, a site reconnaissance of the subject property and adjacent properties was conducted by Mr. Clinton Look of AEI in order to obtain information indicating the likelihood of RECs at the subject property and adjacent properties as specified in ASTM Standard Practice E1527-05 §8.4.2, 8.4.3 and 8.4.4. During the onsite reconnaissance, AEI was not accompanied.

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
X		Hazardous Substances and/or Petroleum Products in Connection with Property Use
X		Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
	X	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
X		Unidentified Substance Containers
X		Electrical or Mechanical Equipment Likely to Contain Fluids
X		Interior Stains or Corrosion
	X	Strong, Pungent or Noxious Odors
	X	Pools of Liquid
X		Drains, Sumps and Clarifiers
	X	Pits, Ponds and Lagoons
	X	Stained Soil or Pavement
	X	Stressed Vegetation
	X	Solid Waste Disposal or Evidence of Fill Materials
	X	Waste Water Discharges
	X	Wells
	X	Septic Systems
	X	Other

The subject property is currently occupied by Hyundai of Burlingame, Burlingame Auto Center, Chilton Auto Body, Topline Automobile, CalBay Collision, Enterprise Rent-A-Car, Anchor Auto Body & Detailing, and Cammisa Motor Car Company. On-site operations consist of office uses, auto repair and maintenance, and auto sales. The above identified observed items are further discussed below.

HAZARDOUS SUBSTANCES AND/OR PETROLEUM PRODUCTS IN CONNECTION WITH PROPERTY USE

Hazardous Material (size/quantity)	Location	Secondary Containment	Staining/Spills
Soap/2 55-gallon Drums	Storage Shed for Anchor Auto Body & Detailing	None	None
250-gallon used antifreeze aboveground storage tank (AST)	Interior of CalBay Collision	None	Mild Staining
500-gallon used motor oil	Interior of CalBay Collision	None	Mild Staining

Hazardous Material (size/quantity)	Location	Secondary Containment	Staining/Spills
AST			
55-gallon drum of used absorbent	Interior of CalBay Collision	None	Mild Staining
Three 55-gallon drums of used oil & gas filters	Interior of CalBay Collision	None	Mild Staining
55-gallon drum used motor oil	Interior of CalBay Collision	None	Mild Staining
Two 55-gallon drums of used motor oil	Storage Shed for CalBay Collision	None	Significant Staining
Two 250-gallon automatic transmission fluid ASTs	Storage Shed for CalBay Collision	None	Significant Staining
500-gallon used motor oil AST	Auto servicing area of Hyundai of Burlingame	None	None
200-gallon new motor oil AST	Auto servicing area of Hyundai of Burlingame	None	None
Three 55-gallon drums of used motor oil	Auto servicing area of Hyundai of Burlingame	None	None
Two 55-gallon drums of used oil filters	Auto servicing area of Hyundai of Burlingame	None	None
Two 250-gallon used motor oil ASTs	Auto servicing area of Cammisa Motor Car Company	None	None
55-gallon drum of used oil filters	Auto servicing area of Cammisa Motor Car Company	None	Mild Staining
Four 55-gallon drums of new motor oil	Auto servicing area of Cammisa Motor Car Company	None	Significant Staining
Two 55-gallon drums of used motor oil	Auto servicing area of Cammisa Motor Car Company	None	Significant Staining

In addition to the materials noted in the above table, several containers of paint ranging from one liter to five gallons and four five-gallon containers of lacquer thinner were observed within the interior of Anchor Auto Body & Detailing; and several containers of paint and other paint supplies ranging from one liter to five gallons were observed within the auto servicing area of CalBay Collision. Staining was observed around the ASTs of CalBay Collision, around the ASTs in the storage shed of CalBay Collision, and around the ASTs of Cammisa Motor Car Company. No drains, sumps, or other conduits to the subsurface of the subject property were observed in the vicinity of the hazardous material storage. No secondary containment was provided for the hazardous material and petroleum product containers. As a best management practice, secondary containment should be provided for all hazardous materials/wastes to prevent spills and leaks from potentially impacting the subsurface.

ABOVEGROUND & UNDERGROUND HAZARDOUS SUBSTANCE OR PETROLEUM PRODUCT STORAGE TANKS (ASTS / USTS)

ASTs located on site were previously discussed above.

UNIDENTIFIED SUBSTANCE CONTAINERS

Two unlabeled 55-gallon drums were observed outside of the auto servicing area of Topline Automobile. No staining was observed around the drums and no drains were observed in the

immediate vicinity of the drums. As a good management practice, if the drums are no longer in use, the drums and its contents should be removed from the property.

ELECTRICAL OR MECHANICAL EQUIPMENT LIKELY TO CONTAIN FLUIDS

Toxic polychlorinated biphenyls (PCBs) were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing". Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

One pad-mounted and two pole-mounted transformers were observed on the subject property during the site inspection. The transformers are owned and operated by Pacific Gas & Electric (PG&E), and based on the presumed date of installation, are expected to be PCB containing. Federal Regulations (40 CFR 761. Subpart G) require any release of material containing greater than 50 ppm PCB and occurring after May 4, 1987, be cleaned up by the Owner (PG&E) following the United States Environmental Protection Agency's (USEPA) PCB spill cleanup policy. No spills, staining or leaks were observed on or around the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

Thirty-two aboveground lifts were observed in the auto servicing areas of CalBay Collision, Anchor Auto Body & Detailing, Hyundai of Burlingame, Chilton Auto Body, Topline Automobile, and Cammisa Motor Car Company. Seven belowground lifts were observed inside the auto servicing area of CalBay Collision. The belowground lifts were installed in 1980. Based on the installation date, it is unlikely that fluid within the lifts contained PCBs. No further action in connection with the lifts appears warranted at this time; however, upon removal of the lifts, subsurface sampling should be considered.

INTERIOR STAINS OR CORROSION

Minor amounts of oily surface staining were observed throughout the interiors of the subject property and around the hazardous materials storage. The staining was located on concrete, and no drains were observed in the vicinity. Based on the small size and surficial nature of the staining, it is not expected to represent a significant environmental concern.

DRAINS, SUMPS AND CLARIFIERS

Seven storm drains were observed in the parking area of the subject property. No hazardous substances or petroleum products were noted in the vicinity of the drains. Based on the use of the drains solely for storm water runoff, the presence of the drains is not expected to represent a significant environmental concern.

A drain and waste water clarifier was observed in the car wash area behind 1008 Carolan Avenue. Wash runoff flows to the drain and is pumped to an aboveground tank. A belowground clarifier is located in the car wash bay inside 1025 Rollins Road. According to Mr. Thomas Stucker, both clarifiers drain to the sanitary sewer. Based on the nature of wastewater entering these features, they are not expected to represent a significant environmental concern.

7.2 NON-ASTM SERVICES

7.2.1 ASBESTOS-CONTAINING BUILDING MATERIALS

OSHA

For buildings constructed prior to 1981, the Code of Federal Regulations (29 CFR 1926.1101 and 29 CFR 1910.1001) define presumed asbestos-containing material (PACM) as 1. Thermal System Insulation (TSI), e.g., boiler insulation, pipe lagging, fireproofing; and 2. Surfacing Materials, e.g., acoustical ceilings. Building owners/employers are responsible for locating the presence and quantity of PACM. Building owners/employers can rebut installed material as PACM by either having an inspection in accordance with Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E) or hiring an accredited inspector to take bulk samples of the suspect material.

Typical materials not covered by the presumptive rule include but are not limited to: floor tiles and adhesives, wallboard systems, siding and roofing. Building materials such as wallboard systems may contain asbestos but unless a building owner/employer has specific knowledge or should have known through the exercise of due diligence that these other materials contain asbestos, the standard does not compel the building owner to sample these materials.

NESHAP

The applicability of the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Chapter 61, Subpart M) apply to the owner or operator of a facility where an inspection for the presence of asbestos-containing materials (ACM), including Category I (asbestos containing packings, gaskets, resilient floor coverings and asphalt roofing products), and Category II (all remaining types of non-friable asbestos containing material not included in Category I that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure), non-friable ACM must occur prior to the commencement of demolition or renovation activities. NESHAP defines ACM as any material or product that contains *greater than* 1% asbestos. It should be noted that the NESHAP regulation applies to all facilities regardless of construction date, including: 1. Any institutional, commercial, public, industrial, or residential structure, installation, or building; 2. Any ship; and 3. Any active or inactive waste disposal site. This requirement is typically enforced by the EPA or by local air pollution control/air quality management districts.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations in regards to ACM.

Due to the age of the subject property buildings, there is a potential that ACMs are present. The condition and friability of the identified suspect ACMs is noted in the following table:

Suspect Asbestos Containing Materials (ACMs)

Material	Location	Friable	Condition
Drywall Systems	Throughout Building Interior	Yes	Good
Dropdown Ceiling Tile	Throughout Office Interiors	Yes	Good
Roofing Systems	Roof	Not Inspected	Not Inspected

All observed suspect ACMs were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. In the event that building renovation or demolition activities are planned, an asbestos survey adhering to AHERA sampling protocol should be performed prior to demolition or renovation activities that may disturb suspect ACMs.

7.2.2 LEAD-BASED PAINT

Lead-based paint (LBP) is defined as any paint, varnish, stain, or other applied coating that has ≥1 mg/cm^2 (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm^2 to 2.0 mg/cm^2. Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard is "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact lead-based paint on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition and monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on lead-based paint and lead-based paint hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, federally owned or subsidized housing is affected by this rule.

Lead-containing paint (LCP) is defined as any paint with any detectable amount of lead present in it. It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state or local regulations in regards to lead-containing paints.

In buildings constructed after 1978, it is unlikely that LBP is present. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

Due to the age of the subject property buildings, there is a potential that LBP is present. All observed painted surfaces were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Local regulations may apply to LBP in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an XRF survey performed in order to determine if LBP is present. It should be noted that construction activities that disturb

materials or paints containing *any amount* of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

7.2.3 RADON

Radon is a naturally-occurring, odorless, invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not requested as part of this assessment. According to the US EPA, the radon zone level for the area is Zone 2, which has a predicted average indoor screening level between 2.0 pCi/L and 4.0 pCi/L, equal to or below the action level of 4.0 pCi/L set forth by the EPA.

7.2.4 DRINKING WATER SOURCES AND LEAD IN DRINKING WATER

The City of Burlingame supplies potable water to the subject property. The most recent water quality report states that lead levels in the areas water supply were well within standards established by the US EPA.

7.2.5 MOLD / INDOOR AIR QUALITY ISSUES

Molds are simple, microscopic organisms, which can often be seen in the form of discoloration, frequently green, gray, white, brown or black. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or is not addressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting often play host to such growth. Mold spores primarily cause health problems through the inhalation of mold spores or the toxins they emit when they are present in large numbers. This can occur primarily when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor AEI has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a mold survey or inspection.

AEI observed interior areas of the subject property buildings in order to identify the significant presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment and no additional action with respect to mold appears to be warranted at this time.

This activity was not designed to discover all areas which may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the subject property. Additional areas of mold not observed as part of this limited assessment, possibly in pipe chases, heating, ventilation and air conditioning (HVAC) systems and behind enclosed walls and ceilings, may be present on the subject property.

7.3 ADJACENT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
	X	Hazardous Substances and/or Petroleum Products in Connection with Property Use
	X	Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
	X	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
	X	Unidentified Substance Containers
	X	Electrical or Mechanical Equipment Likely to Contain Fluids
	X	Strong, Pungent or Noxious Odors
	X	Pools of Liquid
X		Drains, Sumps and Clarifiers
	X	Pits, Ponds and Lagoons
	X	Stained Soil or Pavement
	X	Stressed Vegetation
	X	Solid Waste Disposal or Evidence of Fill Materials
	X	Waste Water Discharges
	X	Wells
	X	Septic Systems
	X	Other

The above identified observed items are further discussed below.

DRAINS, SUMPS AND CLARIFIERS

Several storm drains were observed along Carolan Avenue and Rollins Road. No hazardous substances or petroleum products were noted in the vicinity of the drains. Based on the use of the drains solely for storm water runoff, the presence of the drains is not expected to represent a significant environmental concern.

8.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

By signing this report, the senior author declares that, to the best of his or her professional knowledge and belief, he or she meets the definition of *Environmental Professional* as defined in §312.10 of 40 CFR Part 312.

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

Prepared By:

Clinton Look
Project Manager

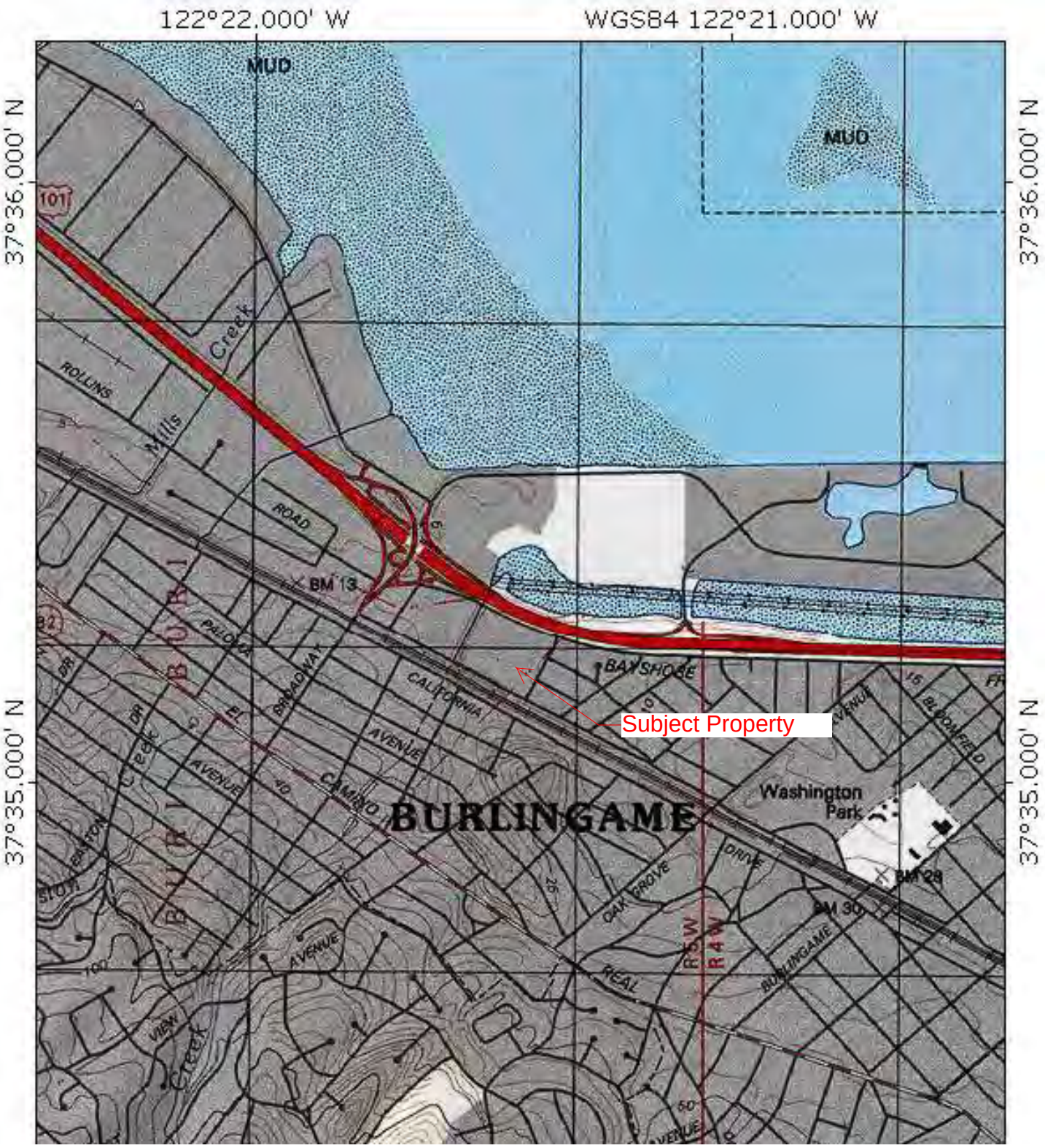
Reviewed By:

Steve Kovach
Senior Author

9.0 REFERENCES

Item	Date(s)	Source
Topographic Map	1997	United States Geological Survey
Regulatory Database	May 21, 2013	Environmental Data Resources
Aerial Photographs	1943, 1946, 1956, 1968, 1974, 1982, 1993, 1998, 2005, 2009, 2010, 2012	Environmental Data Resources
Sanborn Maps	1946, 1949, 1959, 1970	Environmental Data Resources
City Directories	1970, 1976, 1980, 1985, 1990, 1995, 2001, 2006	Haines & Company Criss-Cross City Directories
Environmental Health Records	May 20, 2013	San Mateo County Environmental Health Department
Fire Department Records	May 20, 2013	Central County Fire Department
Building Department Records	May 20, 2013	Burlingame Building Department
Planning Department Records	May 17, 2013	Burlingame Planning Department
Assessor's Information	May 17, 2013	San Mateo County Assessor
Oil and Gas Well Information	May 20, 2013	California Department of Conservation, Division of Oil, Gas, and Geothermal Resources: http://maps.conservation.ca.gov/doms/doms-app.html
GeoTracker Information	May 20, 2013	State Water Resources Control Board's GeoTracker website: http://geotracker.waterboards.ca.gov/
Radon Information	1993	United States Environmental Protection Agency: http://www.epa.gov/radon/zonemap.html

FIGURES



SITE LOCATION MAP

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

FIGURE 1

Source: USGS

Project Number: 319450

AEI Consultants

SITE MAP

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Legend

Former UST

Former Sump

Approximate Property Boundary

Clarifier/Sump

AST

Site Listed in Regulatory Database

*

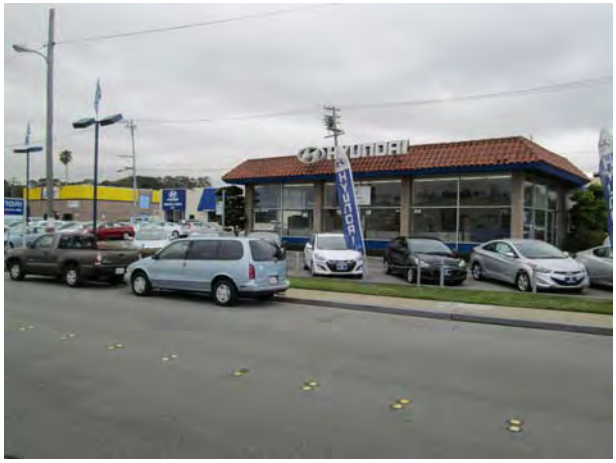
FIGURE 2

Project Number: 319450

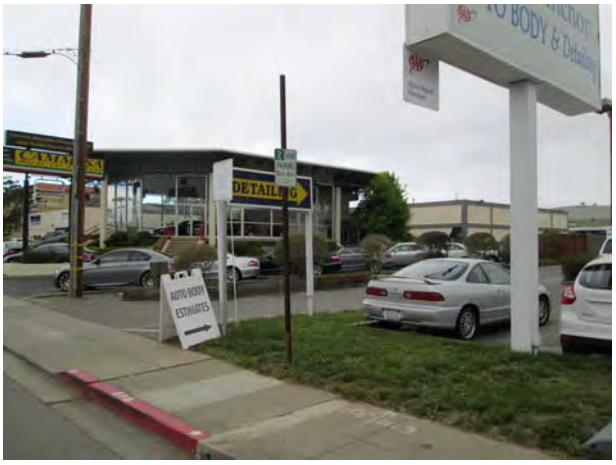
AEI Consultants

APPENDIX A

PROPERTY PHOTOGRAPHS



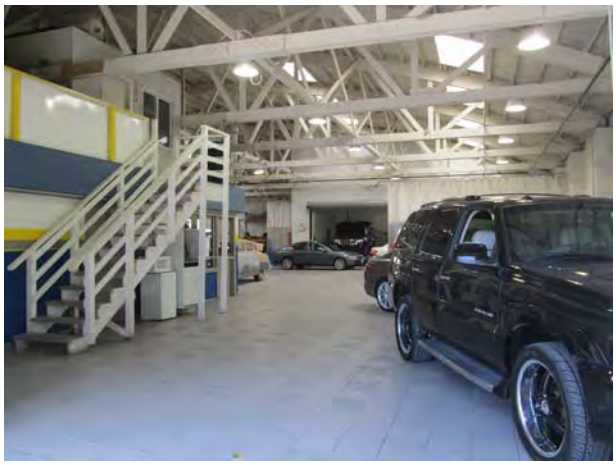
1. View of Hyundai of Burlingame from the north



2. View of the Cammisa Car Company from the southeast

3. View of CalBay Collision from the north

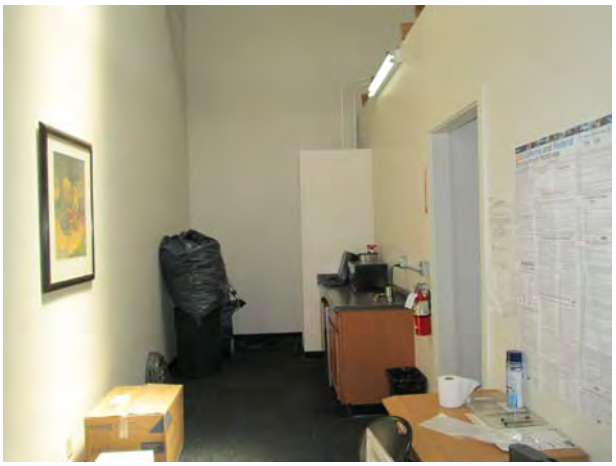
4. View of Anchor Auto Body & Detailing and Enterprise Rent-A-Car



5. View of the interior of Anchor Auto Body & Detailing

6. View of the car wash area and aboveground clarifier of Anchor Body & Detailing

7. View of the paint materials of Anchor Auto Body & Detailing



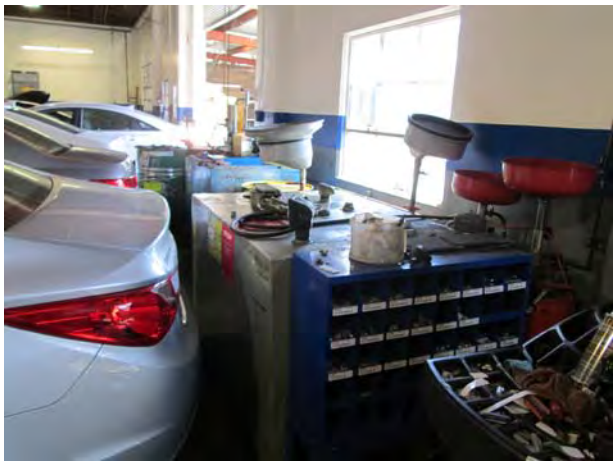
8. View of the interior of Enterprise Rent-A-Car

9. View of the interior of Burlingame Auto Center

10. View of the hazardous materials storage of Burlingame Auto Center

11. Another view of the hazardous material storage of Burlingame Auto Center

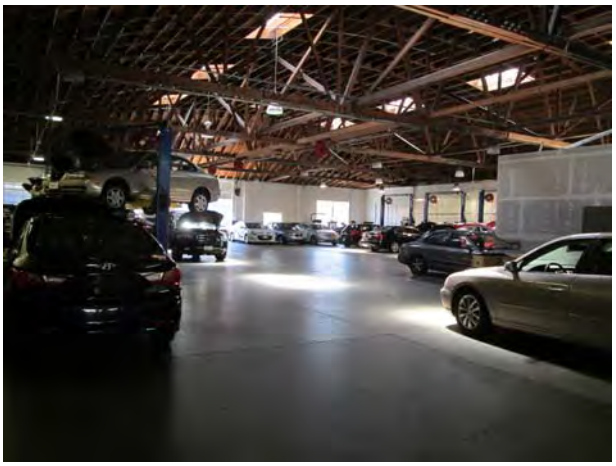
12. View of the hazardous materials in the storage shed of Burlingame Auto Center



13. View of the hazardous materials storage in Hyundai of Burlingame

14. View of the auto servicing area of Cammisa Car Company

15. View of the hazardous material storage of Cammisa Car Company



16. View of the auto servicing area of Hyundai of Burlingame

APPENDIX B

REGULATORY DATABASE

319450
935 Rollins Road & 1008-1016 Carolan Avenue
Burlingame, CA 94010

Inquiry Number: 3612478.2s
May 21, 2013

FirstSearch Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

Search Summary Report

TARGET SITE **935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE**
BURLINGAME, CA 94010

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	Y	0	0	0	0	0	0	0
NPL Delisted	Y	0	0	0	0	0	0	0
CERCLIS	Y	0	0	0	0	-	0	0
NFRAP	Y	0	0	0	0	-	2	2
RCRA COR ACT	Y	0	0	0	0	0	0	0
RCRA TSD	Y	0	0	0	0	-	0	0
RCRA GEN	Y	0	5	6	-	-	1	12
Federal IC / EC	Y	0	0	0	0	-	0	0
ERNS	Y	0	-	-	-	-	0	0
State/Tribal NPL	Y	0	0	0	0	0	0	0
State/Tribal CERCLIS	Y	0	0	0	0	2	0	2
State/Tribal SWL	Y	0	0	0	1	-	0	1
State/Tribal LTANKS	Y	0	4	8	42	-	0	54
State/Tribal Tanks	Y	0	0	1	-	-	0	1
State/Tribal VCP	Y	0	0	0	0	-	0	0
US Brownfields	Y	0	0	0	0	-	0	0
Other SWF	Y	0	0	0	0	-	0	0
Other Haz Sites	Y	0	-	-	-	-	0	0
Other Tanks	Y	0	6	3	-	-	0	9
Local Land Records	Y	0	0	0	0	-	0	0
Spills	Y	0	-	-	-	-	0	0
Other	Y	2	9	28	-	-	17	56
	- Totals --	2	24	46	43	2	20	137

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Search Summary Report

TARGET SITE: **935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE**
BURLINGAME, CA 94010

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	02/01/2013	1.000	0	0	0	0	0	0	0
	Proposed NPL	02/01/2013	1.000	0	0	0	0	0	0	0
NPL Delisted	Delisted NPL	02/01/2013	1.000	0	0	0	0	0	0	0
CERCLIS	CERCLIS	02/04/2013	0.500	0	0	0	0	-	0	0
NFRAP	CERC-NFRAP	02/05/2013	0.500	0	0	0	0	-	2	2
RCRA COR ACT	CORRACTS	02/12/2013	1.000	0	0	0	0	0	0	0
RCRA TSD	RCRA-TSDF	02/12/2013	0.500	0	0	0	0	-	0	0
RCRA GEN	RCRA-LQG	02/12/2013	0.250	0	0	0	-	-	1	1
	RCRA-SQG	02/12/2013	0.250	0	5	6	-	-	0	11
	RCRA-CESQG	02/12/2013	0.250	0	0	0	-	-	0	0
Federal IC / EC	US ENG CONTROLS	03/14/2013	0.500	0	0	0	0	-	0	0
	US INST CONTROL	03/14/2013	0.500	0	0	0	0	-	0	0
ERNS	ERNS	12/31/2012	TP	0	-	-	-	-	0	0
State/Tribal NPL	RESPONSE	03/13/2013	1.000	0	0	0	0	0	0	0
State/Tribal CERCLIS	ENVIROSTOR	03/13/2013	1.000	0	0	0	0	2	0	2
State/Tribal SWL	SWF/LF	02/18/2013	0.500	0	0	0	1	-	0	1
State/Tribal LTANKS	LUST	03/18/2013	0.500	0	2	8	38	-	0	48
	SLIC	03/18/2013	0.500	0	2	0	4	-	0	6
	INDIAN LUST	09/28/2012	0.500	0	0	0	0	-	0	0
State/Tribal Tanks	UST	03/18/2013	0.250	0	0	1	-	-	0	1
	AST	08/01/2009	0.250	0	0	0	-	-	0	0
	INDIAN UST	09/28/2012	0.250	0	0	0	-	-	0	0
State/Tribal VCP	VCP	03/13/2013	0.500	0	0	0	0	-	0	0
US Brownfields	US BROWNFIELDS	12/10/2012	0.500	0	0	0	0	-	0	0

Search Summary Report

TARGET SITE: **935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE**
BURLINGAME, CA 94010

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
Other SWF	WMUDS/SWAT	04/01/2000	0.500	0	0	0	0	-	0	0
Other Haz Sites	US CDL	03/04/2013	TP	0	-	-	-	-	0	0
	SCH	03/13/2013	0.250	0	0	0	-	-	0	0
Other Tanks	CA FID UST	10/31/1994	0.250	0	3	1	-	-	0	4
	SWEEPS UST	06/01/1994	0.250	0	3	2	-	-	0	5
Local Land Records	DEED	03/11/2013	0.500	0	0	0	0	-	0	0
Spills	HMIRS	12/31/2012	TP	0	-	-	-	-	0	0
	CHMIRS	12/06/2012	TP	0	-	-	-	-	0	0
	SPILLS 90	06/06/2012	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	02/12/2013	TP	0	-	-	-	-	0	0
	TRIS	12/31/2009	TP	0	-	-	-	-	0	0
	TSCA	12/31/2006	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	ICIS	07/20/2011	TP	0	-	-	-	-	0	0
	PADS	11/01/2012	TP	0	-	-	-	-	0	0
	MLTS	06/21/2011	TP	0	-	-	-	-	0	0
	RADINFO	04/09/2013	TP	0	-	-	-	-	0	0
	FINDS	10/23/2011	TP	1	-	-	-	-	0	1
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	Cortese	04/01/2013	0.500	0	0	0	0	-	0	0
	CUPA Listings		0.250	0	0	0	-	-	0	0
	HAZNET	12/31/2011	0.250	1	9	28	-	-	17	55
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	LEAD SMELTERS	01/29/2013	TP	0	-	-	-	-	0	0
	US AIRS	01/23/2013	TP	0	-	-	-	-	0	0
	PRP	12/02/2012	TP	0	-	-	-	-	0	0
	WDS	06/19/2007	TP	0	-	-	-	-	0	0
	- Totals --			2	24	46	43	2	20	137

Site Information Report

Request Date: MAY 21, 2013
Request Name: KARINA
Search Type: COORD
Job Number: 37348

Target Site: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	122.357600	122.3576000 - 122° 21' 27.36''	Easting:	556717.4
Latitude:	37.587200	37.5872000 - 37° 35' 13.92''	Northing:	4160005.0
Elevation:	9 ft. above sea level		Zone:	Zone 10

Demographics

Sites: 117 **Non-Geocoded:** 20 **Population:** N/A

RADON:

Federal EPA Radon Zone for SAN MATEO 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: 94010

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.350 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.200 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal Area Radon Information for SAN MATEO COUNTY, CA

Number of sites tested: 32

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.594 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.000 pCi/L	100%	0%	0%
Basement	3.133 pCi/L	67%	33%	0%

Site Information Report

RADON

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94010	85	2

Target Site Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	FINDS	ANCHOR'S AWAY DETAILING	1008B CAROLAN AVENUE BURLINGAME, CA 94010	0.00	+ 0	1
A2	HAZNET	ANCHOR DETAILING	1008 CAROLAN AVE STE B BURLINGAME, CA 94010	0.00	+ 0	2

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE JOB: 37348
BURLINGAME, CA 94010

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
B3	SWEEPS UST	MILLER CHEVROLET	1025 ROLLINS RD BURLINGAME, CA 94010	0.04 NNE	+ 0	4
B3	CA FID UST --41002046	MILLER CHEVROLET	1025 ROLLINS RD BURLINGAME, CA 94010	0.04 NNE	+ 0	5
B3	RCRA-SQG --CAD062472857	MILLER CHEVROLET	1025 ROLLINS RD BURLINGAME, CA 94010	0.04 NNE	+ 0	6
B4	RCRA-SQG --CAD981417017	MIKE HARVEY OLDS BODY	1025 ROLLINS ROAD BURLINGAME, CA 94010	0.04 NNE	+ 0	8
B5	HAZNET	CAMMISA AUTO INC CAMMISA MOTOR	1025 ROLLINS ROAD BURLINGAME, CA 94010	0.04 NNE	+ 0	10
B6	HAZNET	LES VOGEL CHRYSLER	1025 ROLLINS ROAD BURLINGAME, CA 94010	0.04 NNE	+ 0	11
B7	SLIC --41S0015	TEEVAN EXTERIOR CONTRACTORS	1019 ROLLINS RD BURLINGAME, CA 94010	0.05 NE	+ 0	13
B8	SLIC --Completed - Case Closed --Open - Inactive --Completed - Case Closed --Open - Inactive	ALFRED MOLAKDIS PROPERTIES	1019 ROLLINS ROAD BURLINGAME, CA 94010	0.05 NE	+ 0	14
B8	LUST --9- Case Closed --669002	ALFRED MOLAKDIS PROPERTIES	1019 ROLLINS ROAD BURLINGAME, CA 94010	0.05 NE	+ 0	15
B9	RCRA-SQG --CAT080020720	TEEVAN PAINTING INC	1019 ROLLINS RD BURLINGAME, CA 94010	0.05 NE	+ 0	16
B10	HAZNET	BAY CITIES COLLISION CENTER	1017 ROLLINS ROAD BURLINGAME, CA 94010	0.05 NE	+ 0	18
C11	RCRA-SQG --CAD981580756	MIKE HARVEY OLSMOBILE	1008 ROLLINS RD BURLINGAME, CA 94010	0.07 ENE	+ 0	20
C12	HAZNET	LES VOGEL DODGE CHRYSLER	1007 ROLLINS ROAD BURLINGAME, CA 94010	0.07 ENE	+ 0	22

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
C13	HAZNET	LES VOGEL DODGE	1007 ROLLINS RD BURLINGAME, CA 94010	0.07 ENE	+ 0	24
C13	SWEEPS UST	LES VOGEL DODGE	1007 ROLLINS RD BURLINGAME, CA 94010	0.07 ENE	+ 0	26
C13	CA FID UST --41002958	LES VOGEL DODGE	1007 ROLLINS RD BURLINGAME, CA 94010	0.07 ENE	+ 0	27
C13	RCRA-SQG --CAD983614868	LES VOGEL DODGE	1007 ROLLINS RD BURLINGAME, CA 94010	0.07 ENE	+ 0	28
C14	LUST --9- Case Closed --Completed - Case Closed --669083	MIKE HARVEY TOYOTA	1007 ROLLINS BURL, CA 94010	0.07 ENE	+ 0	30
D15	HAZNET	CHILTON AUTO BODY BURLINGAME I	1028 CAROLAN AVE BURLINGAME, CA 94010	0.09 SSW	- 1	32
D16	HAZNET	BAY CITIES COLLISION CENTER	1028 CAROLAN AVENUE BURLINGAME, CA 94010	0.09 SSW	- 1	34
D17	HAZNET	CAMMISA MOTOR CAR CO	1028 CAROLAN AVE BURLINGAME, CA 94010	0.09 SSW	- 1	36
D18	SWEEPS UST	BURLINGAME S	1020 CAROLAN AVE BURLINGAME, CA 94010	0.09 SSW	- 1	37
D18	CA FID UST --41004956	BURLINGAME S	1020 CAROLAN AVE BURLINGAME, CA 94010	0.09 SSW	- 1	39
E19	HAZNET	7 ELEVEN	975 ROLLINS RD BURLINGAME, CA 94010	0.12 East	+ 0	40
20	HAZNET	PALCARE	945 CALIFORNIA DR BURLINGAME, CA 94010	0.13 SSW	+ 8	41
F21	HAZNET	BARTLETT'S AUTO BODY & PAINT S	917 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	42
F22	HAZNET	MULTI CRAFT AUTO BODY SHOP	917 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	44
F23	RCRA-SQG --CAD982011900	BARTLETTS AUTO BODY	917 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	45
E24	HAZNET	965 ROLLINS RD	965 ROLLINS RD BURLINGAME, CA 94010	0.14 East	+ 0	47

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE JOB: 37348
BURLINGAME, CA 94010

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
E25	HAZNET	HOLDEN CO INC	965 ROLLINS RD BURLINGAME, CA 94010	0.14 East	+ 0	48
F26	HAZNET	AUTOHAUS EXEC	909 CALIFORNIA DRIVE BURLINGAME, CA 94010	0.14 South	+ 8	49
F27	HAZNET	AUTOHAUS EXEC	909 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	51
F28	HAZNET	P R AUTO BODY	903 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	52
F29	HAZNET	P R BODY SHOP	903 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	54
F30	RCRA-SQG --CAD982487431	ALL CAR AUTO PAINTING & BODY R	903 CALIFORNIA DR BURLINGAME, CA 94010	0.14 South	+ 8	56
G31	LUST --9- Case Closed --Completed - Case Closed --660035	BROADWAY LOCKSMITH	1009 CALIFORNIA BURLINGAME, CA 94010	0.15 WSW	+ 7	58
G32	LUST --Case Closed	BROADWAY LOCKSMITH	1009 CALIFORNIA BURLINGAME, CA 94010	0.15 WSW	+ 7	60
G33	HAZNET	ESTATE OF CLARENCE RUSCH/GARY	1009 CALIFORNIA DR BURLINGAME, CA 94010	0.15 WSW	+ 7	61
G34	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660079	MARTINELLI PROPERTY	1015 CALIFORNIA BURLINGAME, CA 94010	0.16 WSW	+ 5	62
G35	HAZNET	TONG LEE AND THOMAS AUTO BODY	1019 CALIFORNIA DR BURLINGAME, CA 94010	0.16 WSW	+ 5	64
G36	RCRA-SQG --CAD981447246	THOMAS AUTO BODY	1019 CALIFORNIA DR BURLINGAME, CA 94010	0.16 WSW	+ 5	66
G37	HAZNET	HOLLAND SERVICE INC	1025 CALIFORNIA DRIVE BURLINGAME, CA 94010	0.16 WSW	+ 5	68
H38	HAZNET	BENNETT MARINE UTILITY	1027 CALIFORNIA DR BURLINGAME, CA 94010	0.17 WSW	+ 4	70
H39	HAZNET	RUDI'S EXCELLENCE CAR SERVICE	1031 CALIFORNIA DR BURLINGAME, CA 94010	0.17 WSW	+ 4	72

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE JOB: 37348
BURLINGAME, CA 94010

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
I40	HAZNET	EQUITY RESIDENTIAL	1080 CAROLAN AVE BURLINGAME, CA 94010	0.18 West	+ 3	73
I41	HAZNET	NORTH PARK APARTMENTS	1080 CAROLAN AVE BURLINGAME, CA 94010	0.18 West	+ 3	74
J42	SWEEPS UST	UNOCAL SS# 3885	1147 ROLLINS RD BURLINGAME, CA 94010	0.20 NW	+ 0	75
J42	LUST --5C- Pollution Characterization --Open - Verification Monitoring --660055	UNOCAL SS# 3885	1147 ROLLINS RD BURLINGAME, CA 94010	0.20 NW	+ 0	79
J43	HAZNET	UNOCAL SERVICE STATION #3885	1147 ROLLINS RD BURLINGAME, CA 94010	0.20 NW	+ 0	87
J44	UST --41-000-660047	UNOCAL #3885	1147 ROLLINS RD BURLINGAME, CA 94010	0.20 NW	+ 0	89
J45	LUST --Post remedial action monitoring	UNOCAL #3885	1147 ROLLINS BURLINGAME, CA 94010	0.20 NW	+ 0	90
J46	HAZNET	GUS'S UNOCAL	1147 ROLLINS RD BURLINGAME, CA 94010	0.20 NW	+ 0	91
J47	HAZNET	PAUL'S UNION SERVICE INC	1147 ROLLINS ROAD BURLINGAME, CA 94010	0.20 NW	+ 0	92
J48	HAZNET	TOSCO CORPORATION STATION #305	1147 ROLLINS ROAD BURLINGAME, CA 94010	0.20 NW	+ 0	93
J49	HAZNET	CONOCO PHILLIPS #253885	1147 ROLLINS RD BURLINGAME, CA 94010	0.20 NW	+ 0	95
K50	SWEEPS UST --A	AUTO PRIDE CAR WASH	1095 CAROLAN AVE BURLINGAME, CA 94010	0.23 West	+ 5	96
K50	CA FID UST --41004947	AUTO PRIDE CAR WASH	1095 CAROLAN AVE BURLINGAME, CA 94010	0.23 West	+ 5	98
K51	LUST --Preliminary site assessment underway --9- Case Closed --Completed - Case Closed --660080	AUTO PRIDE CAR WASH	1095 CAROLAN BURL, CA 94010	0.23 West	+ 5	99

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
K52	HAZNET	AUTO PRIDE CARWASH	1095 CAROLAN DR BURLINGAME, CA 94010	0.23 West	+ 5	107
K53	HAZNET	AUTO PRIDE CARWASH	1095 CAROLAN DR BURLINGAME, CA 94010	0.23 West	+ 5	109
K54	HAZNET	AUTO PRIDE CAR WASH	1095 CAROLAN AVENUE BURLINGAME, CA 94010	0.23 West	+ 5	110
L55	HAZNET	PAINT WIZARD	1010 CADILLAC WAY BURLINGAME, CA 94010	0.23 WNW	+ 3	112
L56	RCRA-SQG --CAD981685597	REGAL BURLINGAME AUTO BODY	1010 CADILLAC WAY BURLINGAME, CA 94010	0.23 WNW	+ 3	113
L57	LUST --Case Closed	RECTOR CADILLAC	1010 CADILLAC BURLINGAME, CA 94010	0.23 WNW	+ 3	115
L58	HAZNET	RECTOR MOTOR CAR CO	1010 CADILLAC WAY BURLINGAME, CA 94010	0.23 WNW	+ 3	116
L58	LUST --9- Case Closed --Completed - Case Closed --660022	RECTOR MOTOR CAR CO	1010 CADILLAC WAY BURLINGAME, CA 94010	0.23 WNW	+ 3	118
L58	RCRA-SQG --CAD981416365	RECTOR MOTOR CAR CO	1010 CADILLAC WAY BURLINGAME, CA 94010	0.23 WNW	+ 3	120
M59	HAZNET	P/R LEASE CO	1117 CALIFORNIA DR BURLINGAME, CA 94010	0.23 West	+ 5	122
M59	RCRA-SQG --CAD980889141	P/R LEASE CO	1117 CALIFORNIA DR BURLINGAME, CA 94010	0.23 West	+ 5	123
M60	HAZNET	ON TRACK AUTOMOTIVE, INC.	1129 CALIFORNIA DR BURLINGAME, CA 94010	0.25 West	+ 5	125
M61	LUST --9- Case Closed --Completed - Case Closed --660053	UNITED TRANSMISSION INC	1131 CALIFORNIA DR BURLINGAME, CA 94010	0.25 West	+ 6	127
M62	LUST --Case Closed	UNITED TRANSMISSION	1131 CALIFORNIA DR BURLINGAME, CA 94010	0.25 West	+ 6	129

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE JOB: 37348
BURLINGAME, CA 94010

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
N63	LUST --9- Case Closed --Completed - Case Closed --660041	ENCORE THEATER	1159 CALIFORNIA BURL, CA 94010	0.28 West	+ 6	130
N64	LUST --Case Closed	ENCORE THEATER	1159 CALIFORNIA BURLINGAME, CA 94010	0.28 West	+ 6	132
65	SWF/LF --Closed --41-CR-0014 --Closed	BURLINGAME DISPOSAL SITE	1001 S AIRPORT ROAD BURLINGAME, CA	0.28 NNW	- 1	133
66	LUST --Pollution Characterization --5C- Pollution Characterization --Open - Remediation --660092	PRESTIGE STATIONS INC	1000 BROADWAY BURLINGAME, CA 94010	0.29 WNW	+ 4	134
O67	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660057	MIKE HARVEY CHRYSLER PLYMOUTH	1049 BROADWAY BURL, CA 94010	0.30 WNW	+ 5	146
O68	LUST --Case Closed	BEKINS STORAGE	1070 BROADWAY BURLINGAME, CA 94010	0.31 WNW	+ 5	148
O69	LUST --9- Case Closed --660019	MIKE HARVEY ACURA	1070 BROADWAY BURL, CA 94010	0.31 WNW	+ 5	149
70	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660062	BURL FIRE DEPT	799 CALIFORNIA BURL, CA 94010	0.32 SE	+ 6	150
P71	LUST --9- Case Closed --Completed - Case Closed --660047	CHEVRON STATION	1101 BROADWAY BURL, CA 94010	0.32 West	+ 7	152

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
P72	LUST --Pollution Characterization	CHEVRON 9-1909	1101 BROADWAY BURLINGAME, CA 94010	0.32 West	+ 7	155
Q73	LUST --9- Case Closed --Completed - Case Closed --660063	RESIDENCE	1112 PALM BURL, CA 94010	0.33 SSE	+ 7	156
Q74	LUST --Case Closed	CALIF. FEDERAL SAVINGS BANK	1112 PALM BURLINGAME, CA 94010	0.33 SSE	+ 7	158
R75	LUST --Post remedial action monitoring	BP OIL COMPANY FACILITY #11204	1200 BAYSHORE HWY BURLINGAME, CA 94010	0.33 NNW	- 1	159
R76	LUST --9- Case Closed --Completed - Case Closed --660002	AIRPORT 76	1200 BAYSHORE HWY BURL, CA 94010	0.33 NNW	- 1	160
P77	SLIC --SLT2O04349	DESERT PETROLEUM	1100 BROADWAY AVE BURLINGAME, CA 94010	0.33 West	+ 7	168
P78	SLIC --Open - Inactive --Open - Inactive	L&S AUTO REPAIR	1100 BROADWAY BURL, CA 94010	0.33 West	+ 7	169
P78	LUST --9- Case Closed --Completed - Case Closed --660010	L&S AUTO REPAIR	1100 BROADWAY BURL, CA 94010	0.33 West	+ 7	170
P79	LUST --Case Closed	PK AUTO SERVICE	1100 BROADWAY BURLINGAME, CA 94010	0.33 West	+ 7	172
80	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660086	AUTOHAUS SCHMID INC	1213 ROLLINS RD BURLINGAME, CA 94010	0.33 WNW	+ 1	173

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
S81	LUST --Case Closed	BISCAY AUTO REPAIR	1215 CALIFORNIA BURLINGAME, CA 94010	0.36 West	+ 7	175
S82	LUST --9- Case Closed --Completed - Case Closed --660028	BISCAYS AUTO REPAIR	1215 CALIFORNIA BURL, CA 94010	0.36 West	+ 7	176
T83	SLIC --Open - Site Assessment --Open - Site Assessment	NICKS	775 CALIFORNIA BURL, CA 94010	0.37 SE	+ 9	178
T83	LUST --3B- Preliminary Assessment Underway --669109	NICKS	775 CALIFORNIA BURL, CA 94010	0.37 SE	+ 9	179
T84	SLIC --Open - Site Assessment --Open - Site Assessment	SHAFFERS AUTO SERVICE CTR	777 CALIFORNIA BURL, CA 94010	0.38 SE	+ 8	180
T84	LUST --3B- Preliminary Assessment Underway --9- Case Closed --Completed - Case Closed --669108 --660034	SHAFFERS AUTO SERVICE CTR	777 CALIFORNIA BURL, CA 94010	0.38 SE	+ 8	181
T85	LUST --Case Closed	SHAFFER'S TIRE CENTER	777 CALIFORNIA BURLINGAME, CA 94010	0.38 SE	+ 8	183
U86	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660072	WILLIAM NERLI	1320 MARSTEN RD BURLINGAME, VA 24010	0.42 NW	- 1	184
U87	LUST --Case Closed	CAULKING WATERPROOFING INC.	1333 MARSTEN BURLINGAME, CA 94010	0.44 WNW	- 1	186
U88	LUST --9- Case Closed --Completed - Case Closed --660037	VACANT WAREHOUSE	1333 MARSTEN BURL, CA 94010	0.44 WNW	- 1	187

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
U89	LUST --Case Closed	HORN INVESTMENT & REALTY	1344-1 MARSTEN BURLINGAME, CA 94010	0.44 WNW	- 1	189
U90	LUST --9- Case Closed --Completed - Case Closed --660076	EVA PERSON	1344 MARSTEN BURL, CA 94010	0.44 WNW	- 1	190
V91	LUST --9- Case Closed --Completed - Case Closed --660061	FLOYDS AUTOMOTIVE	741 SAN MATEO BURL, CA 94010	0.46 SE	+ 9	192
V92	LUST --Case Closed	FLOYD'S AUTOMOTIVE	741 SAN MATEO BURLINGAME, CA 94010	0.46 SE	+ 9	194
W93	LUST --9- Case Closed --Completed - Case Closed --660052	ARC ELECTRIC CO	1330 MARSTEN BURL, CA 94010	0.46 NW	- 1	195
W94	LUST --Case Closed	ARC ELECTRIC COMPANY	1330 MARSTEN RD BURLINGAME, CA 94010	0.46 NW	- 1	197
X95	LUST --Case Closed --9- Case Closed --660065	WAREHOUSE II	1327 N CAROLAN AVE BURLINGAME, CA	0.47 WNW	- 1	198
X96	LUST --Completed - Case Closed	SUTTI, JOHN & ASSOCIATES INC	1327 CAROLAN BURL, CA 94010	0.47 WNW	- 1	199
97	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660006	W. J. BRITTON COMPANY	701 CALIFORNIA DR BURLINGAME, CA	0.49 SE	+ 12	201
X98	LUST --Case Closed --9- Case Closed --Completed - Case Closed --660030	WAREHOUSE I	1337 NORTH CAROLAN AVENUE BURLINGAME, CA 94010	0.49 WNW	- 1	203

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
Y99	LUST --Case Closed	MYERS AIR CONDITIONING	1395 MARSTEN BURLINGAME, CA 94010	0.49 WNW	- 1	205
Y100	LUST --9- Case Closed --Completed - Case Closed --660050	MYERS AIR CONDITIONING COMPANY	1395 MARSTEN RD BURLINGAME, CA 94010	0.49 WNW	- 1	206
101	ENVIROSTOR --41360041 --Refer: Other Agency	COEN CO INC	1510 ROLLINS RD BURLINGAME, CA 94010	0.81 WNW	- 1	208
102	ENVIROSTOR --41820008 --Certified / Operation & Maintenance	BURLINGAME HIGH SCHOOL	400 CAROLAN AVENUE BURLINGAME, CA 94010	0.84 SE	+ 21	210

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	RCRA-LQG --CAR000187971	CALTRANS DISTRICT 4 ROUTE 101	ROUTE 101 BURLINGAME, CA 94010	NON GC	N/A	N/A
	CERC-NFRAP --CAD980636955	BROWNING-FERRIS INDS	ARPT BLVD BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	MENSA CONSTRUCTION	1151 CALIFORNIA DR BURLINGAME, CA 94030	NON GC	N/A	N/A
	CERC-NFRAP --CAD982359218	STAUFFER CHEM CO	CHESTNUT BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	FUJI PHOTO FILM U S A INC	1800 OLD BAYSHORE HWY AIR BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	FUJI PHOTO FILM USA INC	1800 OLD BAYSHORE HWY SAL BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	ENTERPRISE RENT A CAR OF SAN F	1650 OLD BAYSHORE HWY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	NATIONAL CAR RENTAL/ALAMO RENT	1650 OLD BAYSHORE HWY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	ROTH-WILLIAMS CENTER	1633 OLD BAYSHORE HWY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	SAN FRANCISCO AIRPORT MARRIOTT	1800 OLD BAYSHORE HIGHWAY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	UNOCAL SERVICE STATION #6329	1500 OLD BAYSHORE HWY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	AGFA CORPORATION	1800 OLD BAYSHORE HIGHWAY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	AGFA DIVISION OF BAYER CORPORA	1800 OLD BAYSHORE HIGHWAY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	AGFA DIVISION OF BEAR CORPORAT	1800 OLD BAYSHORE HIGHWAY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	ROSSBERG DEVELOPMENT	1669 OLD BAYSHORE HWY BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	1X RAMADA_SAN FRANCISCO AIRPOR	1250 OLD BAYSHORE BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	NORTHPARK APARTMENTS	1075 ROLLINS RD APT 302 & BURLINGAME, CA 94010	NON GC	N/A	N/A

Sites Summary Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

TOTAL: 137 GEOCODED: 117 NON GEOCODED: 20

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	HAZNET	MOL LOGISTICS	1640 ROLLINS RDDR BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	CALTRANS DISTRICT 04/EA:04-264	ROUTE US 101 PM 13.5-17.7 BURLINGAME, CA 94010	NON GC	N/A	N/A
	HAZNET	PACIFIC GAS & ELECTRIC T33 HYD	HWY 280 MI POST 13.42 S H HILLSBOROUGH, CA 94010	NON GC	N/A	N/A

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

FINDS

EDR ID: 1008240390 **DIST/DIR:** 0.000 **ELEVATION:** 9 **MAP ID:** A1

NAME: ANCHOR'S AWAY DETAILING **Rev:** 10/23/2011

ADDRESS: 1008B CAROLAN AVENUE
BURLINGAME, CA 94010

SOURCE: US EPA

FINDS:

Registry ID: 110021315398

Environmental Interest/Information System
The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113058650 **DIST/DIR:** 0.000 **ELEVATION:** 9 **MAP ID:** A2

NAME: ANCHOR DETAILING **Rev:** 12/31/2011

ADDRESS: 1008 CAROLAN AVE STE B
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAL000097035
Contact: ANDREW KLINK
Telephone: 6505792776
Mailing Name: Not reported
Mailing Address: 1008 CAROLAN AVE STE B
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 1.14675
Facility County: San Mateo

Year: 2011
Gepaid: CAL000097035
Contact: ANDREW KLINK
Telephone: 6505792776
Mailing Name: Not reported
Mailing Address: 1008 CAROLAN AVE STE B
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.238
Facility County: San Mateo

Year: 2010
Gepaid: CAL000097035
Contact: ANDREW KLINK
Telephone: 6505792776
Mailing Name: Not reported
Mailing Address: 1008 CAROLAN AVE STE B
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113058650 **DIST/DIR:** 0.000 **ELEVATION:** 9 **MAP ID:** A2

NAME: ANCHOR DETAILING **Rev:** 12/31/2011

ADDRESS: 1008 CAROLAN AVE STE B
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.126
Facility County: San Mateo

Year: 2010
Gepaid: CAL000097035
Contact: ANDREW KLINK
Telephone: 6505792776
Mailing Name: Not reported
Mailing Address: 1008 CAROLAN AVE STE B
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD059494310
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: 0.22935
Facility County: San Mateo

Year: 2009
Gepaid: CAL000097035
Contact: ANDREW KLINK
Telephone: 6505792776
Mailing Name: Not reported
Mailing Address: 1008 CAROLAN AVE STE B
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1668
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: 1000280952 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B3

NAME: MILLER CHEVROLET **Rev:** 06/01/1994

ADDRESS: 1025 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA State Water Resources Control Board

SWEEPS UST:
Status: Not reported
Comp Number: 660066
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660066-000001
Actv Date: Not reported
Capacity: 8000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 660066
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660066-000002
Actv Date: Not reported
Capacity: 4
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

CA FID UST

EDR ID: 1000280952 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B3

NAME: MILLER CHEVROLET

ADDRESS: 1025 ROLLINS RD
BURLINGAME, CA 94010

Rev: 10/31/1994
ID/Status: 41002046

SOURCE: CA California Environmental Protection Agency

CA FID UST:
Facility ID: 41002046
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4150000000
Mail To: Not reported
Mailing Address: 627 OCCIDENTAL
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94010
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000280952 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B3

NAME: MILLER CHEVROLET

ADDRESS: 1025 ROLLINS RD
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD062472857

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: MILLER CHEVROLET
Facility address: 1025 ROLLINS RD
BURLINGAME, CA 94010
EPA ID: CAD062472857
Mailing address: ROLLINS RD
BURLINGAME, CA 94010
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000280952 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B3

NAME: MILLER CHEVROLET

ADDRESS: 1025 ROLLINS RD
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD062472857

SOURCE: US Environmental Protection Agency

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000196958 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B4

NAME: MIKE HARVEY OLDS BODY
ADDRESS: 1025 ROLLINS ROAD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD981417017

RCRA-SQG:
Date form received by agency: 06/03/1986
Facility name: MIKE HARVEY OLDS BODY
Facility address: 1025 ROLLINS ROAD
BURLINGAME, CA 94010
EPA ID: CAD981417017
Mailing address: 1025 ROLLINS RD
BURLINGAME, CA 94010
Contact: ENVIRONMENTAL MANAGER
Contact address: 1025 ROLLINS ROAD
BURLINGAME, CA 94010
Contact country: US
Contact telephone: (415) 348-7800
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: MIKE HARVEY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000196958 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B4

NAME: MIKE HARVEY OLDS BODY

ADDRESS: 1025 ROLLINS ROAD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD981417017

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113005699 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B5

NAME: CAMMISA AUTO INC CAMMISA MOTOR CAR HYUDAI **Rev:** 12/31/2011

ADDRESS: 1025 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAD981417017
Contact: MANNY REYES
Telephone: 6503407300
Mailing Name: Not reported
Mailing Address: 1025 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02919
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064843 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B6

NAME: LES VOGEL CHRYSLER **Rev:** 12/31/2011

ADDRESS: 1025 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2000
Gepaid: CAL000113859
Contact: PHILIP VOGEL
Telephone: 4153422120
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 4.71
Facility County: San Mateo

Year: 1999
Gepaid: CAL000113859
Contact: PHILIP VOGEL
Telephone: 4153421161
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .0000
Facility County: San Mateo

Year: 1999
Gepaid: CAL000113859
Contact: PHILIP VOGEL
Telephone: 4153421161
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 4.1199

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064843 **DIST/DIR:** 0.042 NNE **ELEVATION:** 9 **MAP ID:** B6

NAME: LES VOGEL CHRYSLER **Rev:** 12/31/2011

ADDRESS: 1025 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 1998
Gepaid: CAL000113859
Contact: PHILIP VOGEL
Telephone: 4153421161
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 4.3784
Facility County: San Mateo

Year: 1994
Gepaid: CAL000113859
Contact: PHILIP VOGEL
Telephone: 4153421161
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .5004
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SLIC

EDR ID: S101321700 **DIST/DIR:** 0.048 NE **ELEVATION:** 9 **MAP ID:** B7

NAME: TEEVAN EXTERIOR CONTRACTORS

ADDRESS: 1019 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 41S0015

SLIC REG 2:
Region: 2
Facility ID: 41S0015
Facility Status: Preliminary site assessment workplan submitted
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: 6/1/1986
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SLIC

EDR ID: S104493546 **DIST/DIR:** 0.048 NE **ELEVATION:** 9 **MAP ID:** B8

NAME: ALFRED MOLAKDIS PROPERTIES

ADDRESS: 1019 ROLLINS ROAD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Completed - Case Closed
ID/Status: Open - Inactive
ID/Status: Completed - Case Closed
ID/Status: Open - Inactive

SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/31/1993
Global Id: T0608190888
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 669002
Latitude: 37.587642
Longitude: -122.356906
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41S0015
File Location: Local Agency
Potential Media Affected: Soil
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Region: STATE
Facility Status: Open - Inactive
Status Date: 06/04/2009
Global Id: T0608191581
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.587514
Longitude: -122.356926
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41S0015
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493546 **DIST/DIR:** 0.048 NE **ELEVATION:** 9 **MAP ID:** B8

NAME: ALFRED MOLAKDIS PROPERTIES

ADDRESS: 1019 ROLLINS ROAD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: 669002

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 669002
Facility Status: 9- Case Closed
Global ID: T0608190888
APN Number: 026240370
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000429408 **DIST/DIR:** 0.048 NE **ELEVATION:** 9 **MAP ID:** B9

NAME: TEEVAN PAINTING INC

ADDRESS: 1019 ROLLINS RD
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAT080020720

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: TEEVAN PAINTING INC
Facility address: 1019 ROLLINS RD
BURLINGAME, CA 94010
EPA ID: CAT080020720
Mailing address: 1840 WASHINGTON ST
SAN FRANCISCO, CA 94109
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: JAMES R TEEVAN PRESIDENT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000429408 **DIST/DIR:** 0.048 NE **ELEVATION:** 9 **MAP ID:** B9

NAME: TEEVAN PAINTING INC

ADDRESS: 1019 ROLLINS RD
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAT080020720

SOURCE: US Environmental Protection Agency

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

Historical Generators:
Date form received by agency: 01/16/1981
Facility name: TEEVAN PAINTING INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/26/1984
Date achieved compliance: 03/04/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/04/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/26/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/04/1985
Evaluation lead agency: State

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064382 **DIST/DIR:** 0.051 NE **ELEVATION:** 9 **MAP ID:** B10

NAME: BAY CITIES COLLISION CENTER **Rev:** 12/31/2011

ADDRESS: 1017 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2006
Gepaid: CAL000113098
Contact: SCOTT HEWITT/MANAGER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.39
Facility County: San Mateo

Year: 2005
Gepaid: CAL000113098
Contact: SCOTT HEWITT/MANAGER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.23
Facility County: San Mateo

Year: 2005
Gepaid: CAL000113098
Contact: SCOTT HEWITT/MANAGER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: 0.35

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064382 **DIST/DIR:** 0.051 NE **ELEVATION:** 9 **MAP ID:** B10

NAME: BAY CITIES COLLISION CENTER **Rev:** 12/31/2011

ADDRESS: 1017 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2004
Gepaid: CAL000113098
Contact: SCOTT HEWITT/MANAGER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.48
Facility County: San Mateo

Year: 2003
Gepaid: CAL000113098
Contact: SCOTT HEWITT/MANAGER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.43
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000196960 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C11

NAME: MIKE HARVEY OLSMOBILE
ADDRESS: 1008 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD981580756

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: MIKE HARVEY OLSMOBILE
Facility address: 1008 ROLLINS RD
BURLINGAME, CA 94010
EPA ID: CAD981580756
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

Handler Activities Summary:
U.S. importer of hazardous waste: No

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000196960 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C11

NAME: MIKE HARVEY OLSMOBILE

ADDRESS: 1008 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD981580756

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

Historical Generators:
Date form received by agency: 11/25/1986
Facility name: MIKE HARVEY OLSMOBILE
Classification: Large Quantity Generator

Violation Status: No violations found

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064844 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C12

NAME: LES VOGEL DODGE CHRYSLER **Rev:** 12/31/2011

ADDRESS: 1007 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1999
Gepaid: CAL000113860
Contact: PHILIP VOGEL
Telephone: 4153422120
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Transfer Station
Tons: 2.6020
Facility County: San Mateo

Year: 1998
Gepaid: CAL000113860
Contact: PHILIP VOGEL
Telephone: 4153422120
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 2.0266
Facility County: San Mateo

Year: 1998
Gepaid: CAL000113860
Contact: PHILIP VOGEL
Telephone: 4153422120
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Transfer Station
Tons: .7172

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064844 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C12

NAME: LES VOGEL DODGE CHRYSLER **Rev:** 12/31/2011

ADDRESS: 1007 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 1998
Gepaid: CAL000113860
Contact: PHILIP VOGEL
Telephone: 4153422120
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0450
Facility County: San Mateo

Year: 1997
Gepaid: CAL000113860
Contact: PHILIP VOGEL
Telephone: 4153422120
Mailing Name: Not reported
Mailing Address: PO BOX 1158
Mailing City,St,Zip: BURLINGAME, CA 940111158
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 1.8556
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: 1000597473 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C13

NAME: LES VOGEL DODGE **Rev:** 12/31/2011

ADDRESS: 1007 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2001
Gepaid: CAD983614868
Contact: SERVICE MANAGER
Telephone: --
Mailing Name: Not reported
Mailing Address: 1007 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.3
Facility County: San Mateo

Year: 2000
Gepaid: CAD983614868
Contact: SERVICE MANAGER
Telephone: --
Mailing Name: Not reported
Mailing Address: 1007 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.45
Facility County: San Mateo

Year: 2000
Gepaid: CAD983614868
Contact: SERVICE MANAGER
Telephone: --
Mailing Name: Not reported
Mailing Address: 1007 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.5

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: 1000597473 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C13

NAME: LES VOGEL DODGE **Rev:** 12/31/2011

ADDRESS: 1007 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2000
Gepaid: CAD983614868
Contact: SERVICE MANAGER
Telephone: --
Mailing Name: Not reported
Mailing Address: 1007 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 1.37
Facility County: San Mateo

Year: 2000
Gepaid: CAD983614868
Contact: SERVICE MANAGER
Telephone: --
Mailing Name: Not reported
Mailing Address: 1007 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.5
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: 1000597473 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C13

NAME: LES VOGEL DODGE **Rev:** 06/01/1994

ADDRESS: 1007 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

SWEEPS UST:
Status: Not reported
Comp Number: 660067
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660067-000001
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: 2

Status: Not reported
Comp Number: 660067
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660067-000002
Actv Date: Not reported
Capacity: 250
Tank Use: UNKNOWN
Stg: WASTE
Content: Not reported
Number Of Tanks: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

CA FID UST

EDR ID: 1000597473 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C13

NAME: LES VOGEL DODGE
ADDRESS: 1007 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA California Environmental Protection Agency

Rev: 10/31/1994
ID/Status: 41002958

CA FID UST:
Facility ID: 41002958
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155794221
Mail To: Not reported
Mailing Address: 1007 ROLLINS RD
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94010
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000597473 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C13

NAME: LES VOGEL DODGE
ADDRESS: 1007 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD983614868

RCRA-SQG:
Date form received by agency: 12/09/1998
Facility name: LES VOGEL DODGE
Facility address: 1007 ROLLINS RD
BURLINGAME, CA 94010
EPA ID: CAD983614868
Contact: DAVID SCOTT
Contact address: 1007 ROLLINS RD
BURLINGAME, CA 94010
Contact country: US
Contact telephone: (650) 342-2120
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: PHIL VOGEL
Owner/operator address: 1007 ROLLINS RD
BURLINGAME, CA 94010
Owner/operator country: Not reported
Owner/operator telephone: (650) 342-2120
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000597473 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C13

NAME: LES VOGEL DODGE

ADDRESS: 1007 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD983614868

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

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

Violation Status: No violations found

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S109285862 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C14

NAME: MIKE HARVEY TOYOTA
ADDRESS: 1007 ROLLINS
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 669083

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608189622
Latitude: 37.587503
Longitude: -122.356376
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/28/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 669083
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:
Global Id: T0608189622
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Global Id: T0608189622
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608189622
Action Type: ENFORCEMENT
Date: 08/31/1998
Action: * Historical Enforcement - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S109285862 **DIST/DIR:** 0.069 ENE **ELEVATION:** 9 **MAP ID:** C14

NAME: MIKE HARVEY TOYOTA

ADDRESS: 1007 ROLLINS
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 669083

SOURCE: CA State Water Resources Control Board

Global Id: T0608189622
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 669083
Facility Status: 9- Case Closed
Global ID: T0608189622
APN Number: 026240360
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113147948 **DIST/DIR:** 0.087 SSW **ELEVATION:** 8 **MAP ID:** D15

NAME: CHILTON AUTO BODY BURLINGAME INC **Rev:** 12/31/2011

ADDRESS: 1028 CAROLAN AVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAL000320568
Contact: BOBBY CARTER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.55878
Facility County: San Mateo

Year: 2010
Gepaid: CAL000320568
Contact: BOBBY CARTER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.834
Facility County: San Mateo

Year: 2010
Gepaid: CAL000320568
Contact: BOBBY CARTER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Other still bottom waste
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1125

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113147948 **DIST/DIR:** 0.087 SSW **ELEVATION:** 8 **MAP ID:** D15

NAME: CHILTON AUTO BODY BURLINGAME INC **Rev:** 12/31/2011

ADDRESS: 1028 CAROLAN AVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2010
Gepaid: CAL000320568
Contact: BOBBY CARTER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.2
Facility County: San Mateo

Year: 2010
Gepaid: CAL000320568
Contact: BOBBY CARTER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.5838
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113110206 **DIST/DIR:** 0.087 SSW **ELEVATION:** 8 **MAP ID:** D16

NAME: BAY CITIES COLLISION CENTER **Rev:** 12/31/2011

ADDRESS: 1028 CAROLAN AVENUE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2007
Gepaid: CAL000218833
Contact: BARBARA MOORE/CONTROLLER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVENUE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Solvents Recovery
Tons: 0.13
Facility County: San Mateo

Year: 2007
Gepaid: CAL000218833
Contact: BARBARA MOORE/CONTROLLER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVENUE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Solvents Recovery
Tons: 0.25
Facility County: San Mateo

Year: 2006
Gepaid: CAL000218833
Contact: BARBARA MOORE/CONTROLLER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVENUE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Solvents Recovery
Tons: 0.29

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113110206 **DIST/DIR:** 0.087 SSW **ELEVATION:** 8 **MAP ID:** D16

NAME: BAY CITIES COLLISION CENTER **Rev:** 12/31/2011

ADDRESS: 1028 CAROLAN AVENUE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2006
Gepaid: CAL000218833
Contact: BARBARA MOORE/CONTROLLER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVENUE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.12
Facility County: San Mateo

Year: 2006
Gepaid: CAL000218833
Contact: BARBARA MOORE/CONTROLLER
Telephone: 6506969200
Mailing Name: Not reported
Mailing Address: 1028 CAROLAN AVENUE
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.14
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113049050 **DIST/DIR:** 0.087 SSW **ELEVATION:** 8 **MAP ID:** D17

NAME: CAMMISA MOTOR CAR CO **Rev:** 12/31/2011

ADDRESS: 1028 CAROLAN AVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2001
Gepaid: CAL000071606
Contact: SEAN SHODOOSIAN
Telephone: 6503407300
Mailing Name: Not reported
Mailing Address: 1020 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 940102506
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 2.3
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S101594090 **DIST/DIR:** 0.088 SSW **ELEVATION:** 8 **MAP ID:** D18

NAME: BURLINGAME S **Rev:** 06/01/1994

ADDRESS: 1020 CAROLAN AVE
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

SWEEPS UST:
Status: Not reported
Comp Number: 660085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660085-000001
Actv Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 660085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660085-000002
Actv Date: Not reported
Capacity: 2000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S101594090 **DIST/DIR:** 0.088 SSW **ELEVATION:** 8 **MAP ID:** D18

NAME: BURLINGAME S **Rev:** 06/01/1994

ADDRESS: 1020 CAROLAN AVE
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Swrcb Tank Id: 41-000-660085-000003
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660085
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660085-000004
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

CA FID UST

EDR ID: S101594090 **DIST/DIR:** 0.088 SSW **ELEVATION:** 8 **MAP ID:** D18

NAME: BURLINGAME S

ADDRESS: 1020 CAROLAN AVE
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA California Environmental Protection Agency

Rev: 10/31/1994
ID/Status: 41004956

CA FID UST:
Facility ID: 41004956
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 198 CALIFORNIA DR
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94010
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112933120 **DIST/DIR:** 0.124 East **ELEVATION:** 9 **MAP ID:** E19

NAME: 7 ELEVEN **Rev:** 12/31/2011

ADDRESS: 975 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAC002570636
Contact: OLLIN SMITH
Telephone: 9164636780
Mailing Name: Not reported
Mailing Address: PO BOX 711
Mailing City,St,Zip: DALLAS, TX 75221
Gen County: Not reported
TSD EPA ID: AZC950823111
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Not reported
Tons: 0.25
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112983502 **DIST/DIR:** 0.129 SSW **ELEVATION:** 17 **MAP ID:** 20

NAME: PALCARE **Rev:** 12/31/2011

ADDRESS: 945 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAC002662838
Contact: LISA KIESSELBACH
Telephone: 6503401289
Mailing Name: Not reported
Mailing Address: 945 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.035
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113012201 **DIST/DIR:** 0.138 South **ELEVATION:** 17 **MAP ID:** F21

NAME: BARTLETT'S AUTO BODY & PAINT SHOP, INC. **Rev:** 12/31/2011

ADDRESS: 917 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1997
Gepaid: CAD982011900
Contact: JEFFREY BARTLETT
Telephone: 6505931617
Mailing Name: Not reported
Mailing Address: 1438 OLD COUNTY RD
Mailing City,St,Zip: BELMONT, CA 940020000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: .2293
Facility County: San Mateo

Year: 1996
Gepaid: CAD982011900
Contact: JEFFREY BARTLETT
Telephone: 6505931617
Mailing Name: Not reported
Mailing Address: 1438 OLD COUNTY RD
Mailing City,St,Zip: BELMONT, CA 940020000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: .2710
Facility County: San Mateo

Year: 1994
Gepaid: CAD982011900
Contact: JEFFREY BARTLETT
Telephone: 6505931617
Mailing Name: Not reported
Mailing Address: 1438 OLD COUNTY RD
Mailing City,St,Zip: BELMONT, CA 940020000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: .2293

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113012201 **DIST/DIR:** 0.138 South **ELEVATION:** 17 **MAP ID:** F21

NAME: BARTLETT'S AUTO BODY & PAINT SHOP, INC. **Rev:** 12/31/2011

ADDRESS: 917 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 1993
Gepaid: CAD982011900
Contact: JEFFREY BARTLETT
Telephone: 6505931617
Mailing Name: Not reported
Mailing Address: 1438 OLD COUNTY RD
Mailing City,St,Zip: BELMONT, CA 940020000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: 0.2293
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113097233 **DIST/DIR:** 0.138 South **ELEVATION:** 17 **MAP ID:** F22

NAME: MULTI CRAFT AUTO BODY SHOP **Rev:** 12/31/2011

ADDRESS: 917 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2007
Gepaid: CAL000183264
Contact: RICHARD SANCHEZ - OWNER
Telephone: 6505584190
Mailing Name: Not reported
Mailing Address: 917 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.22
Facility County: San Mateo

Year: 2006
Gepaid: CAL000183264
Contact: RICHARD SANCHEZ - OWNER
Telephone: 6505584190
Mailing Name: Not reported
Mailing Address: 917 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.12
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000414684 **DIST/DIR:** 0.138 South **ELEVATION:** 17 **MAP ID:** F23

NAME: BARTLETTS AUTO BODY
ADDRESS: 917 CALIFORNIA DR
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD982011900

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 07/07/1987
Facility name: BARTLETTS AUTO BODY
Facility address: 917 CALIFORNIA DR
BURLINGAME, CA 94010
EPA ID: CAD982011900
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

Handler Activities Summary:
U.S. importer of hazardous waste: No

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000414684 **DIST/DIR:** 0.138 South **ELEVATION:** 17 **MAP ID:** F23

NAME: BARTLETTS AUTO BODY

ADDRESS: 917 CALIFORNIA DR
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD982011900

SOURCE: US Environmental Protection Agency

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113171299 **DIST/DIR:** 0.139 East **ELEVATION:** 9 **MAP ID:** E24

NAME: 965 ROLLINS RD **Rev:** 12/31/2011

ADDRESS: 965 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAP000149740
Contact: 965 ROLLINS RD
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 1062 W AVE
Mailing City,St,Zip: SANTA ROSA, CA 954070000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.2
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112922748 **DIST/DIR:** 0.139 East **ELEVATION:** 9 **MAP ID:** E25

NAME: HOLDEN CO INC **Rev:** 12/31/2011

ADDRESS: 965 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAC002552995
Contact: CHRIS HOLDEN
Telephone: 6503157083
Mailing Name: Not reported
Mailing Address: 965 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.43
Facility County: San Mateo

Year: 2002
Gepaid: CAC002552995
Contact: CHRIS HOLDEN
Telephone: 6503157083
Mailing Name: Not reported
Mailing Address: 965 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 0.16
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113048682 **DIST/DIR:** 0.141 South **ELEVATION:** 17 **MAP ID:** F26

NAME: AUTOHAUS EXEC **Rev:** 12/31/2011

ADDRESS: 909 CALIFORNIA DRIVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1999
Gepaid: CAL000070505
Contact: KENNETH MACIA
Telephone: 6503408038
Mailing Name: Not reported
Mailing Address: 909 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103605
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Transfer Station
Tons: .3252
Facility County: San Mateo

Year: 1998
Gepaid: CAL000070505
Contact: KENNETH MACIA
Telephone: 6503408038
Mailing Name: Not reported
Mailing Address: 909 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103605
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Transfer Station
Tons: .4587
Facility County: San Mateo

Year: 1997
Gepaid: CAL000070505
Contact: KENNETH MACIA
Telephone: 6503408038
Mailing Name: Not reported
Mailing Address: 909 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103605
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .4587

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113048682 **DIST/DIR:** 0.141 South **ELEVATION:** 17 **MAP ID:** F26

NAME: AUTOHAUS EXEC **Rev:** 12/31/2011

ADDRESS: 909 CALIFORNIA DRIVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 1996
Gepaid: CAL000070505
Contact: KENNETH MACIA
Telephone: 6503408038
Mailing Name: Not reported
Mailing Address: 909 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103605
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .2293
Facility County: San Mateo

Year: 1995
Gepaid: CAL000070505
Contact: KENNETH MACIA
Telephone: 6503408038
Mailing Name: Not reported
Mailing Address: 909 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103605
Gen County: Not reported
TSD EPA ID: CAD088838222
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: .2293
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113096670 **DIST/DIR:** 0.141 South **ELEVATION:** 17 **MAP ID:** F27

NAME: AUTOHAUS EXEC **Rev:** 12/31/2011

ADDRESS: 909 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2000
Gepaid: CAL000182273
Contact: PAUL KOPRIVCIC - OWNER
Telephone: 6503408038
Mailing Name: Not reported
Mailing Address: 909 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.45
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113085542 **DIST/DIR:** 0.145 South **ELEVATION:** 17 **MAP ID:** F28

NAME: P R AUTO BODY **Rev:** 12/31/2011

ADDRESS: 903 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2008
Gepaid: CAL000160385
Contact: ERIC KREFT-OWNER
Telephone: 6503426666
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD980887418
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: 0.35
Facility County: San Mateo

Year: 2002
Gepaid: CAL000160385
Contact: ERIC KREFT-OWNER
Telephone: 6503426666
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: 1.03
Facility County: San Mateo

Year: 2001
Gepaid: CAL000160385
Contact: ERIC KREFT-OWNER
Telephone: 6503426666
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113085542 **DIST/DIR:** 0.145 South **ELEVATION:** 17 **MAP ID:** F28

NAME: P R AUTO BODY **Rev:** 12/31/2011

ADDRESS: 903 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Tons: 1.27
Facility County: San Mateo

Year: 2000
Gepaid: CAL000160385
Contact: ERIC KREFT-OWNER
Telephone: 6503426666
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: 0.77
Facility County: San Mateo

Year: 1998
Gepaid: CAL000160385
Contact: ERIC KREFT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD981402522
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0015
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113065591 **DIST/DIR:** 0.145 South **ELEVATION:** 17 **MAP ID:** F29

NAME: P R BODY SHOP **Rev:** 12/31/2011

ADDRESS: 903 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2000
Gepaid: CAL000115104
Contact: --
Telephone: 4153426666
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: 0.27
Facility County: San Mateo

Year: 1999
Gepaid: CAL000115104
Contact: RICHARD FAZIOLA
Telephone: 4155873657
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: 1.0590
Facility County: San Mateo

Year: 1998
Gepaid: CAL000115104
Contact: RICHARD FAZIOLA
Telephone: 4155873657
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: .9589

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113065591 **DIST/DIR:** 0.145 South **ELEVATION:** 17 **MAP ID:** F29

NAME: P R BODY SHOP **Rev:** 12/31/2011

ADDRESS: 903 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 1997
Gepaid: CAL000115104
Contact: RICHARD FAZIOLA
Telephone: 4155873657
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: .5212
Facility County: San Mateo

Year: 1996
Gepaid: CAL000115104
Contact: RICHARD FAZIOLA
Telephone: 4155873657
Mailing Name: Not reported
Mailing Address: 903 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Recycler
Tons: .2293
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000106274 **DIST/DIR:** 0.145 South **ELEVATION:** 17 **MAP ID:** F30

NAME: ALL CAR AUTO PAINTING & BODY REPAIR
Rev: 02/12/2013
ID/Status: CAD982487431

ADDRESS: 903 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 05/14/1990
Facility name: ALL CAR AUTO PAINTING & BODY REPAIR
Facility address: 903 CALIFORNIA DR
BURLINGAME, CA 94010
EPA ID: CAD982487431
Mailing address: CALIFORNIA DR
BURLINGAME, CA 94010
Contact: ENVIRONMENTAL MANAGER
Contact address: 903 CALIFORNIA DR
BURLINGAME, CA 94010
Contact country: US
Contact telephone: (415) 343-5624
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: DOWIAT ROD
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000106274 **DIST/DIR:** 0.145 South **ELEVATION:** 17 **MAP ID:** F30

NAME: ALL CAR AUTO PAINTING & BODY REPAIR

ADDRESS: 903 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO

SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD982487431

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104568025 **DIST/DIR:** 0.151 WSW **ELEVATION:** 16 **MAP ID:** G31

NAME: BROADWAY LOCKSMITH
ADDRESS: 1009 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660035

LUST:
Region: STATE
Global Id: T0608100094
Latitude: 37.5859189182338
Longitude: -122.360127568245
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/30/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0099
LOC Case Number: 660035
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100094
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100094
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100094
Action Type: ENFORCEMENT
Date: 03/18/1991
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104568025 **DIST/DIR:** 0.151 WSW **ELEVATION:** 16 **MAP ID:** G31

NAME: BROADWAY LOCKSMITH
ADDRESS: 1009 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660035

Global Id: T0608100094
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100094
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660035
Facility Status: 9- Case Closed
Global ID: T0608100094
APN Number: 026194090
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493504 **DIST/DIR:** 0.151 WSW **ELEVATION:** 16 **MAP ID:** G32

NAME: BROADWAY LOCKSMITH
ADDRESS: 1009 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660035
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112893444 **DIST/DIR:** 0.151 WSW **ELEVATION:** 16 **MAP ID:** G33

NAME: ESTATE OF CLARENCE RUSCH/GARY LACHNAN **Rev:** 12/31/2011

ADDRESS: 1009 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1999
Gepaid: CAC001468664
Contact: GARY LACHNAN
Telephone: 6269658044
Mailing Name: Not reported
Mailing Address: 738 BANNA AVE
Mailing City,St,Zip: GLENDORA, CA 917410000
Gen County: Not reported
TSD EPA ID: CAL000161741
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.0091
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493505 **DIST/DIR:** 0.159 WSW **ELEVATION:** 14 **MAP ID:** G34

NAME: MARTINELLI PROPERTY
ADDRESS: 1015 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660079

LUST:
Region: STATE
Global Id: T0608100936
Latitude: 37.585969
Longitude: -122.36042
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/17/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1023
LOC Case Number: 660079
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100936
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100936
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100936
Action Type: ENFORCEMENT
Date: 03/28/1997
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493505 **DIST/DIR:** 0.159 WSW **ELEVATION:** 14 **MAP ID:** G34

NAME: MARTINELLI PROPERTY
ADDRESS: 1015 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660079

Global Id: T0608100936
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660079
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660079
Facility Status: 9- Case Closed
Global ID: T0608100936
APN Number: 026194080
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113006535 **DIST/DIR:** 0.162 WSW **ELEVATION:** 14 **MAP ID:** G35

NAME: TONG LEE AND THOMAS AUTO BODY **Rev:** 12/31/2011

ADDRESS: 1019 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAD981447246
Contact: GUO-NAN WU
Telephone: 6503424280
Mailing Name: Not reported
Mailing Address: 739 WASHINGTON ST #300
Mailing City,St,Zip: SAN FRANCISCO, CA 941080000
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.018
Facility County: San Mateo

Year: 2010
Gepaid: CAD981447246
Contact: GUO-NAN WU
Telephone: 6503424280
Mailing Name: Not reported
Mailing Address: 739 WASHINGTON ST #300
Mailing City,St,Zip: SAN FRANCISCO, CA 941080000
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.054
Facility County: San Mateo

Year: 2010
Gepaid: CAD981447246
Contact: GUO-NAN WU
Telephone: 6503424280
Mailing Name: Not reported
Mailing Address: 739 WASHINGTON ST #300
Mailing City,St,Zip: SAN FRANCISCO, CA 941080000
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113006535 **DIST/DIR:** 0.162 WSW **ELEVATION:** 14 **MAP ID:** G35

NAME: TONG LEE AND THOMAS AUTO BODY **Rev:** 12/31/2011

ADDRESS: 1019 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Disposal Method: Not reported
Tons: 0.018
Facility County: San Mateo

Year: 2009
Gepaid: CAD981447246
Contact: GUO-NAN WU
Telephone: 6503424280
Mailing Name: Not reported
Mailing Address: 1019 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
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: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0588
Facility County: San Mateo

Year: 2009
Gepaid: CAD981447246
Contact: GUO-NAN WU
Telephone: 6503424280
Mailing Name: Not reported
Mailing Address: 1019 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.09
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000296457 **DIST/DIR:** 0.162 WSW **ELEVATION:** 14 **MAP ID:** G36

NAME: THOMAS AUTO BODY
ADDRESS: 1019 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO
SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD981447246

RCRA-SQG:
Date form received by agency: 02/27/1986
Facility name: THOMAS AUTO BODY
Facility address: 1019 CALIFORNIA DR
BURLINGAME, CA 94010
EPA ID: CAD981447246
Mailing address: CALIFORNIA DR
BURLINGAME, CA 94010
Contact: ENVIRONMENTAL MANAGER
Contact address: 1019 CALIFORNIA DR
BURLINGAME, CA 94010
Contact country: US
Contact telephone: (415) 342-4280
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

Owner/operator name: R&I QUICK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000296457 **DIST/DIR:** 0.162 WSW **ELEVATION:** 14 **MAP ID:** G36

NAME: THOMAS AUTO BODY

ADDRESS: 1019 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO

SOURCE: US Environmental Protection Agency

Rev: 02/12/2013
ID/Status: CAD981447246

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113038461 **DIST/DIR:** 0.165 WSW **ELEVATION:** 14 **MAP ID:** G37

NAME: HOLLAND SERVICE INC **Rev:** 12/31/2011

ADDRESS: 1025 CALIFORNIA DRIVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2004
Gepaid: CAL000042115
Contact: JAN D VAN ARKEL
Telephone: --
Mailing Name: Not reported
Mailing Address: 1025 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
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: 0.31
Facility County: San Mateo

Year: 2003
Gepaid: CAL000042115
Contact: JAN D VAN ARKEL
Telephone: --
Mailing Name: Not reported
Mailing Address: 1025 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
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: 0.36
Facility County: San Mateo

Year: 2002
Gepaid: CAL000042115
Contact: JAN D VAN ARKEL
Telephone: --
Mailing Name: Not reported
Mailing Address: 1025 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
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: 0.21

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113038461 **DIST/DIR:** 0.165 WSW **ELEVATION:** 14 **MAP ID:** G37

NAME: HOLLAND SERVICE INC **Rev:** 12/31/2011

ADDRESS: 1025 CALIFORNIA DRIVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2001
Gepaid: CAL000042115
Contact: JAN D VAN ARKEL
Telephone: --
Mailing Name: Not reported
Mailing Address: 1025 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
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: 0.35
Facility County: San Mateo

Year: 1993
Gepaid: CAL000042115
Contact: JAN D VANARKEL
Telephone: 6503434235
Mailing Name: Not reported
Mailing Address: 1025 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940103630
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: 0
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113172556 **DIST/DIR:** 0.166 WSW **ELEVATION:** 13 **MAP ID:** H38

NAME: BENNETT MARINE UTILITY **Rev:** 12/31/2011

ADDRESS: 1027 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1996
Gepaid: CAP601252186
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: 000000000
Gen County: Not reported
TSD EPA ID: AZD009015389
TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Treatment, Incineration
Tons: .0275
Facility County: 0

Year: 1996
Gepaid: CAP601252186
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: 000000000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Recycler
Tons: .2293
Facility County: 0

Year: 1996
Gepaid: CAP601252186
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: 000000000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: .0275

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113172556 **DIST/DIR:** 0.166 WSW **ELEVATION:** 13 **MAP ID:** H38

NAME: BENNETT MARINE UTILITY **Rev:** 12/31/2011

ADDRESS: 1027 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: 0

Year: 1996
Gepaid: CAP601252186
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: 000000000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Laboratory waste chemicals
Disposal Method: Recycler
Tons: .2250
Facility County: 0

Year: 1996
Gepaid: CAP601252186
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: Not reported
Mailing City,St,Zip: 000000000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: .5004
Facility County: 0

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113043144 **DIST/DIR:** 0.169 WSW **ELEVATION:** 13 **MAP ID:** H39

NAME: RUDI'S EXCELLENCE CAR SERVICE **Rev:** 12/31/2011

ADDRESS: 1031 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAL000055574
Contact: INACTIVE DUP NUM IN BLK LOGBK
Telephone: --
Mailing Name: Not reported
Mailing Address: 1031 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 1.7
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112995276 **DIST/DIR:** 0.179 West **ELEVATION:** 12 **MAP ID:** I40

NAME: EQUITY RESIDENTIAL **Rev:** 12/31/2011

ADDRESS: 1080 CAROLAN AVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAC002678270
Contact: BECKY BECKER
Telephone: 3129288471
Mailing Name: Not reported
Mailing Address: 2 N RIVERSIDE PLZ STE 400
Mailing City,St,Zip: CHICAGO, IL 606062624
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 6
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112990073 **DIST/DIR:** 0.179 West **ELEVATION:** 12 **MAP ID:** I41

NAME: NORTH PARK APARTMENTS **Rev:** 12/31/2011

ADDRESS: 1080 CAROLAN AVE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAC002671636
Contact: AMANDA MOLLISON
Telephone: 6503422301
Mailing Name: Not reported
Mailing Address: 1080 CAROLAN AVE
Mailing City,St,Zip: BURLINGAME, CA 94010
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.6
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885 **Rev:** 06/01/1994

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

SWEEPS UST:
Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000001
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 8

Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000002
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885 **Rev:** 06/01/1994

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Swrcb Tank Id: 41-000-660049-000003
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000004
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000005
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660049
Number: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885 **Rev:** 06/01/1994

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000006
Actv Date: Not reported
Capacity: 12000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000007
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 660049
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Tank Status: Not reported
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660049-000008
Actv Date: Not reported
Capacity: 550
Tank Use: OIL
Stg: WASTE

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885 **Rev:** 06/01/1994

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Content: WASTE OIL
Number Of Tanks: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

LUST:
Region: STATE
Global Id: T0608100566
Latitude: 37.58871079
Longitude: -122.360931656
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 02/21/2012
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: DGM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0594
LOC Case Number: 660055
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Can be extracted from most recent report in Geotracker or at San Mateo County offices if submitted prior to 2005, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report.

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

Contact:
Global Id: T0608100566
Contact Type: Local Agency Caseworker
Contact Name: DENO MILANO
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: dmilano@smcgov.org
Phone Number: 6503726292

Global Id: T0608100566
Contact Type: Regional Board Caseworker
Contact Name: Cheryl L. Prowell
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street, Suite 1400
City: Oakland
Email: cprowell@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: ENFORCEMENT
Date: 07/24/2012
Action: Staff Letter - #20120724

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 09/12/1991
Action: Notice of Responsibility - #19910912

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 12/12/2005
Action: Staff Letter - #20051212

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/16/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 12/31/2010
Action: Correspondence

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 12/10/2001
Action: Staff Letter - #20011210

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 09/16/2004
Action: Staff Letter - #20040916A

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 09/16/2004
Action: Staff Letter - #20040916B

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 11/29/2004
Action: Technical Correspondence / Assistance / Other - #20041129

Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: ENFORCEMENT
Date: 04/05/2006
Action: Technical Correspondence / Assistance / Other - #20060405

Global Id: T0608100566
Action Type: RESPONSE
Date: 09/22/2011
Action: Risk Assessment Report

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 12/07/2009
Action: Staff Letter - #20091207

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 07/13/2006
Action: Staff Letter - #20061113

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 02/21/2012
Action: Staff Letter - #20120221

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 11/22/2010
Action: Staff Letter - #20101122

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 05/31/2011
Action: Staff Letter - #20110531

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 07/21/2009
Action: Staff Letter - #20090721

Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/30/2004
Action: Soil and Water Investigation Workplan

Global Id: T0608100566
Action Type: RESPONSE
Date: 01/11/2006
Action: Sensitive Receptor Survey Report

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/25/2005
Action: Other Report / Document

Global Id: T0608100566
Action Type: RESPONSE
Date: 07/20/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 04/10/2006
Action: Soil and Water Investigation Report

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 06/30/2011
Action: Correspondence

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 01/11/2006
Action: Electronic Reporting Submittal Due

Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: RESPONSE
Date: 03/28/2008
Action: Soil and Water Investigation Workplan

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/25/2010
Action: Other Report / Document

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/28/2009
Action: Soil and Water Investigation Report

Global Id: T0608100566
Action Type: RESPONSE
Date: 08/08/2012
Action: Other Report / Document

Global Id: T0608100566
Action Type: RESPONSE
Date: 02/22/2012
Action: Electronic Reporting Submittal Due

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 02/09/2011
Action: Staff Letter - #20110209

Global Id: T0608100566
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100566
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100566
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100566
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 09/30/2010
Action: Staff Letter - #20100930

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 11/01/2005
Action: Staff Letter - #20051101

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 04/13/2005
Action: Staff Letter - #20050413

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 09/08/2005
Action: Staff Letter - #20050908

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 04/04/2006
Action: Technical Correspondence / Assistance / Other - #20060404

Global Id: T0608100566

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103171189 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J42

NAME: UNOCAL SS# 3885

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Verification Monitoring
ID/Status: 660055

Action Type: ENFORCEMENT
Date: 10/10/2007
Action: Staff Letter - #20071010

Global Id: T0608100566
Action Type: RESPONSE
Date: 11/10/2010
Action: Soil and Water Investigation Report

Global Id: T0608100566
Action Type: ENFORCEMENT
Date: 10/29/2008
Action: Staff Letter - #20081029

Global Id: T0608100566
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660055
Facility Status: 5C- Pollution Characterization
Global ID: T0608100566
APN Number: 026231120
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113013862 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J43

NAME: UNOCAL SERVICE STATION #3885 **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1996
Gepaid: CAD982055279
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .1792
Facility County: San Mateo

Year: 1994
Gepaid: CAD982055279
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Tons: 12.0000
Facility County: San Mateo

Year: 1994
Gepaid: CAD982055279
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
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: 5.0000

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113013862 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J43

NAME: UNOCAL SERVICE STATION #3885 **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 1994
Gepaid: CAD982055279
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: .0291
Facility County: San Mateo

Year: 1994
Gepaid: CAD982055279
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: Not reported
TSD EPA ID: CAD043260702
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.6680
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

UST

EDR ID: U003942642 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J44

NAME: UNOCAL #3885
ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA SWRCB

Rev: 03/18/2013
ID/Status: 41-000-660047

UST:
Facility ID: 41-000-660047
Latitude: 37.58881
Longitude: -122.36061

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S106117980 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J45

NAME: UNOCAL #3885
ADDRESS: 1147 ROLLINS
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Post remedial action monitoring

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 660055
How Discovered: Tank Closure
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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: 6/26/1997

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113098564 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J46

NAME: GUS'S UNOCAL **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2000
Gepaid: CAL000188296
Contact: GLADYS GRECO\\ OWNER
Telephone: 6503436006
Mailing Name: Not reported
Mailing Address: 1147 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAL000161741
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 0.72
Facility County: San Mateo

Year: 2000
Gepaid: CAL000188296
Contact: GLADYS GRECO\\ OWNER
Telephone: 6503436006
Mailing Name: Not reported
Mailing Address: 1147 ROLLINS RD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 2.14
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113037556 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J47

NAME: PAUL'S UNION SERVICE INC **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1996
Gepaid: CAL000039822
Contact: UNOCAL CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1147 ROLLINS ROAD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD980818645
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .2293
Facility County: San Mateo

Year: 1993
Gepaid: CAL000039822
Contact: UNOCAL CORP
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1147 ROLLINS ROAD
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.18759999999
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113092807 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J48

NAME: TOSCO CORPORATION STATION #30581 **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAL000176002
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.25
Facility County: San Mateo

Year: 2002
Gepaid: CAL000176002
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
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: 0.27
Facility County: San Mateo

Year: 2002
Gepaid: CAL000176002
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.08

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113092807 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J48

NAME: TOSCO CORPORATION STATION #30581 **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS ROAD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2001
Gepaid: CAL000176002
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 0.2
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113131468 **DIST/DIR:** 0.198 NW **ELEVATION:** 9 **MAP ID:** J49

NAME: CONOCO PHILLIPS #253885 **Rev:** 12/31/2011

ADDRESS: 1147 ROLLINS RD
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2004
Gepaid: CAL000280944
Contact: DANELLE EICHHORST
Telephone: 2812933723
Mailing Name: Not reported
Mailing Address: 600 N DAIRY ASHFORD-PO 3014A
Mailing City,St,Zip: HOUSTON, TX 77079
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Treatment, Tank
Tons: 0.2
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S101594085 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K50

NAME: AUTO PRIDE CAR WASH
ADDRESS: 1095 CAROLAN AVE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 06/01/1994
ID/Status: A

SWEEPS UST:
Status: Active
Comp Number: 660011
Number: 1
Board Of Equalization: 44-025364
Referral Date: 03-24-94
Action Date: 03-24-94
Created Date: 10-13-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660011-000001
Actv Date: 03-24-94
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 660011
Number: 1
Board Of Equalization: 44-025364
Referral Date: 03-24-94
Action Date: 03-24-94
Created Date: 10-13-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 41-000-660011-000002
Actv Date: 03-24-94
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 660011
Number: 1
Board Of Equalization: 44-025364
Referral Date: 03-24-94
Action Date: 03-24-94
Created Date: 10-13-88
Tank Status: A
Owner Tank Id: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWEEPS UST

EDR ID: S101594085 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K50

NAME: AUTO PRIDE CAR WASH
ADDRESS: 1095 CAROLAN AVE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 06/01/1994
ID/Status: A

Swrcb Tank Id: 41-000-660011-000003
Actv Date: 03-24-94
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

CA FID UST

EDR ID: S101594085 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K50

NAME: AUTO PRIDE CAR WASH
ADDRESS: 1095 CAROLAN AVE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA California Environmental Protection Agency

Rev: 10/31/1994
ID/Status: 41004947

CA FID UST:
Facility ID: 41004947
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 932 SANTA CRUZ AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: BURLINGAME 94010
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

LUST:
Region: STATE
Global Id: T0608100954
Latitude: 37.587677226
Longitude: -122.362455834
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/30/2011
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-1041
LOC Case Number: 660080
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Extracted from RRM's September 9, 2004 Feasibility Study Corrective Action Plan, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The Auto Pride Car Wash facility is located in a mixed commercial/residential area just north of the downtown section of Burlingame. The site is a narrow strip of land bordered by Carolan Avenue to the north, the Cal Train right-of-way to the south, a vacant lot to the east and Broadway Avenue to the west. The city block across Carolan Avenue is the address of the Mike Harvey automobile dealership complex, including an Audi Porsche showroom directly across the street. Land use at the properties surrounding the site is commercial and residential. The site bas two gasoline dispensing islands, three gasoline underground storage tanks (USTs), and a oar wash unit. The Cable Car Wash Company, Inc. built a car wash and gas station at the site in 1973. The operation was sold to Rapid Car Wash in 1975. Auto Pride Car Wash purchased the business in 1982. The existing USTs, distribution lines, and dispensers were installed in 1999 to replace the first generation of storage and dispensing equipment. The original car wash utilized three 10,000-gallon USTs and two dispensing islands. In June 1996, prior to the sale of the property to San Mateo County Transit District, Geomatrix drilled five brings to 22 feet below grade to collect grab groundwater samples. Petroleum hydrocarbons were detected in all five &groundwater samples, with the highest concentrations of total petroleum hydrocarbons as gasoline (TPHg) and benzene 9,300 parts per billion (ppb) and 690 ppb, respectively, occurring at Boring B3, located down gradient (east) of the pump islands. VOCs were detected in groundwater samples at relatively low concentrations. In December

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

1998, Environmental Resource Group, Inc. (ERG) conducted Phase I1 site characterization work based on a work plan prepared by RRM in July 1998. Work included the collection of 14 grab-groundwater samples outside the site boundaries, and the installation of six groundwater-monitoring wells (MW-1 through MW-6. During this same period, RRM performed a soil vapor extraction (SVE) performance test. The studies revealed gasoline and MtBE impact to groundwater extending northeasterly from the pump islands at the Auto Pride site. Gasoline impact to groundwater was shown to extend approximately 200 feet beyond the site boundary, while MtBE was estimated to extend at least 6M) feet offsite. According to ERG, the site subsurface appeared unsuitable for soil vapor extraction because of the very shallow depth to groundwater and fine grained soil. Auto Pride contracted with DECON to remove the existing UST and distribution system and upgrade the Facility with new double wall tanks, lines and dispensers. Since it was shown that petroleum hydrocarbons affected soil at the site, remedial soil excavation was conducted at the time of the UST system upgrade. Between December 22, 1998 and January 7, 1999, RRM was present at the site during product-island, piping, and UST removal, and remedial excavation to collect confirmation soil samples from the excavation sidewalls. Details are summarized below. Pump Island Area Soil Boring: On December 22, 1998, four soil borings (SB-I, SB-2, SB-3, and SB-5) were advanced to 11 feet below ground surface bgs), and one boring (SB-4) was advanced to 22 feet bgs. The deeper boring was advanced to delineate the vertical extent of soil contamination in the present are of maximum impact. Nine soil samples collected between 5 and 22 feet bgs were analyzed for TPHg; benzene, toluene, ethylbenzene, and xylenes (BTEX); and MtBE. TPHg was detected in four of nine soil samples at concentrations up to 770 parts per million (ppm). Benzene was detected in three of nine soil samples at concentrations up to 0.012ppm. MtBE was detected in three of nine soil samples

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

Contact:
Global Id: T0608100954
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

Global Id: T0608100954
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 07/07/2009
Action: Staff Letter - #20090707

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 05/14/2009
Action: Staff Letter - #20090514

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 10/01/1996
Action: Notice of Responsibility - #1

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 08/23/2006
Action: Staff Letter - #20060823

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 01/25/2005
Action: Staff Letter - #20050125

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 10/29/2002
Action: Staff Letter - #20021029

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 09/11/2007
Action: Staff Letter - #20070911

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 06/06/2006
Action: Staff Letter - #20060606

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 11/17/2004
Action: Staff Letter - #20041117

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 07/21/2010
Action: Notification - Fee Title Owners Notice - #20100721

Global Id: T0608100954
Action Type: RESPONSE
Date: 12/21/2006
Action: CAP/RAP - Other Report

Global Id: T0608100954
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Annually

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 09/14/2010
Action: Staff Letter - #20100914

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 08/28/2008
Action: Staff Letter - #20080828A

Global Id: T0608100954
Action Type: RESPONSE
Date: 01/15/2011
Action: Well Destruction Report

Global Id: T0608100954
Action Type: RESPONSE
Date: 02/15/2004
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

Global Id: T0608100954
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 01/27/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 08/28/2008
Action: Staff Letter - #20080828B

Global Id: T0608100954
Action Type: RESPONSE
Date: 11/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 08/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

Global Id: T0608100954
Action Type: RESPONSE
Date: 01/19/2005
Action: Soil and Water Investigation Workplan

Global Id: T0608100954
Action Type: RESPONSE
Date: 05/24/2005
Action: Soil and Water Investigation Report

Global Id: T0608100954
Action Type: RESPONSE
Date: 08/01/2006
Action: CAP/RAP - Feasibility Study Report

Global Id: T0608100954
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 02/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100954
Action Type: RESPONSE
Date: 03/17/2009
Action: Other Report / Document

Global Id: T0608100954
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

Global Id: T0608100954
Action Type: RESPONSE
Date: 10/16/2009
Action: Other Report / Document

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 06/30/2011
Action: Closure/No Further Action Letter - #20110630

Global Id: T0608100954
Action Type: ENFORCEMENT
Date: 09/01/2010
Action: Staff Letter - #20100901

Global Id: T0608100954
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment underway
Case Number: 660080
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965
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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660080
Facility Status: 9- Case Closed
Global ID: T0608100954
APN Number: 026234020

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493509 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K51

NAME: AUTO PRIDE CAR WASH

ADDRESS: 1095 CAROLAN
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Preliminary site assessment underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660080

Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112924590 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K52

NAME: AUTO PRIDE CARWASH **Rev:** 12/31/2011

ADDRESS: 1095 CAROLAN DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAC002556145
Contact: BRIAN KELLEHER
Telephone: 4082538365
Mailing Name: Not reported
Mailing Address: 1658 E CAPITOL EXPRESSWAY PMB293
Mailing City,St,Zip: SAN JOSE, CA 951210000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.1
Facility County: San Mateo

Year: 2003
Gepaid: CAC002556145
Contact: BRIAN KELLEHER
Telephone: 4082538365
Mailing Name: Not reported
Mailing Address: 1658 E CAPITOL EXPRESSWAY PMB293
Mailing City,St,Zip: SAN JOSE, CA 951210000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 1.23
Facility County: San Mateo

Year: 2003
Gepaid: CAC002556145
Contact: BRIAN KELLEHER
Telephone: 4082538365
Mailing Name: Not reported
Mailing Address: 1658 E CAPITOL EXPRESSWAY PMB293
Mailing City,St,Zip: SAN JOSE, CA 951210000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Disposal, Land Fill
Tons: 0.25

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112924590 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K52

NAME: AUTO PRIDE CARWASH **Rev:** 12/31/2011

ADDRESS: 1095 CAROLAN DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2002
Gepaid: CAC002556145
Contact: BRIAN KELLEHER
Telephone: 4082538365
Mailing Name: Not reported
Mailing Address: 1658 E CAPITOL EXPRESSWAY PMB293
Mailing City,St,Zip: SAN JOSE, CA 951210000
Gen County: Not reported
TSD EPA ID: CAL000190816
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 1.02
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S112931145 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K53

NAME: AUTO PRIDE CARWASH **Rev:** 12/31/2011

ADDRESS: 1095 CAROLAN DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAC002567384
Contact: BRIAN KELLEHER
Telephone: 4082538365
Mailing Name: Not reported
Mailing Address: 1658 E CAPITOL EXPRESSWAY PMB293
Mailing City,St,Zip: SAN JOSE, CA 951210000
Gen County: Not reported
TSD EPA ID: CAL000190816
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.25
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064145 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K54

NAME: AUTO PRIDE CAR WASH **Rev:** 12/31/2011

ADDRESS: 1095 CAROLAN AVENUE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAL000112722
Contact: STEVE STORUM
Telephone: 6503061070
Mailing Name: Not reported
Mailing Address: 909 WOODSIDE RD STE D
Mailing City,St,Zip: REDWOOD CITY, CA 940613610
Gen County: Not reported
TSD EPA ID: CAD980887418
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: 0.1
Facility County: San Mateo

Year: 2008
Gepaid: CAL000112722
Contact: STEVE STORUM
Telephone: 6503061070
Mailing Name: Not reported
Mailing Address: 909 WOODSIDE RD STE D
Mailing City,St,Zip: REDWOOD CITY, CA 940613610
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.38
Facility County: San Mateo

Year: 2006
Gepaid: CAL000112722
Contact: STEVE STORUM
Telephone: 6503061070
Mailing Name: Not reported
Mailing Address: 909 WOODSIDE RD STE D
Mailing City,St,Zip: REDWOOD CITY, CA 940613610
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113064145 **DIST/DIR:** 0.227 West **ELEVATION:** 14 **MAP ID:** K54

NAME: AUTO PRIDE CAR WASH **Rev:** 12/31/2011

ADDRESS: 1095 CAROLAN AVENUE
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Disposal Method: Recycler
Tons: 0.62
Facility County: San Mateo

Year: 2005
Gepaid: CAL000112722
Contact: STEVE STORUM
Telephone: 6503061070
Mailing Name: Not reported
Mailing Address: 909 WOODSIDE RD STE D
Mailing City,St,Zip: REDWOOD CITY, CA 940613610
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.43
Facility County: San Mateo

Year: 2004
Gepaid: CAL000112722
Contact: STEVE STORUM
Telephone: 6503061070
Mailing Name: Not reported
Mailing Address: 909 WOODSIDE RD STE D
Mailing City,St,Zip: REDWOOD CITY, CA 940613610
Gen County: Not reported
TSD EPA ID: CAL000161743
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.79
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113152241 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L55

NAME: PAINT WIZARD **Rev:** 12/31/2011

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAL000331417
Contact: EFRAIN SANDOVAL
Telephone: 5107197938
Mailing Name: Not reported
Mailing Address: 295 89TH ST STE 308
Mailing City,St,Zip: DALY CITY, CA 940151655
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.11259
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000147381 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L56

NAME: REGAL BURLINGAME AUTO BODY
ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD981685597

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: REGAL BURLINGAME AUTO BODY
Facility address: 1010 CADILLAC WAY
BURLINGAME, CA 94010
EPA ID: CAD981685597
Mailing address: 363 EL CAMINO REAL
S SANTA FRANCISCO, CA 94080
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: JOSEPH M HALTER
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000147381 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L56

NAME: REGAL BURLINGAME AUTO BODY

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD981685597

SOURCE: US Environmental Protection Agency

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

Historical Generators:
Date form received by agency: 10/23/1986
Facility name: REGAL BURLINGAME AUTO BODY
Classification: Large Quantity Generator

Violation Status: No violations found

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493492 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L57

NAME: RECTOR CADILLAC
ADDRESS: 1010 CADILLAC
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660022
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: 1000417812 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L58

NAME: RECTOR MOTOR CAR CO **Rev:** 12/31/2011

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2011
Gepaid: CAD981416365
Contact: DENNIS DOLEN
Telephone: 6503480111
Mailing Name: Not reported
Mailing Address: 1010 CADILLAC WAY
Mailing City,St,Zip: BURLINGAME, CA 940100000
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: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.8736
Facility County: San Mateo

Year: 2010
Gepaid: CAD981416365
Contact: DENNIS DOLEN
Telephone: 6503480111
Mailing Name: Not reported
Mailing Address: 1010 CADILLAC WAY
Mailing City,St,Zip: BURLINGAME, CA 940100000
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: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.651
Facility County: San Mateo

Year: 2004
Gepaid: CAD981416365
Contact: HECTOR CONTRERAS
Telephone: 6503480111
Mailing Name: Not reported
Mailing Address: 1010 CADILLAC WAY
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: 1000417812 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L58

NAME: RECTOR MOTOR CAR CO **Rev:** 12/31/2011

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Disposal Method: Transfer Station
Tons: 0.14
Facility County: San Mateo

Year: 2003
Gepaid: CAD981416365
Contact: HECTOR CONTRERAS
Telephone: 6503480111
Mailing Name: Not reported
Mailing Address: 1010 CADILLAC WAY
Mailing City,St,Zip: BURLINGAME, CA 940100000
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: 0.14
Facility County: San Mateo

Year: 2001
Gepaid: CAD981416365
Contact: HECTOR CONTRERAS
Telephone: 6503480111
Mailing Name: Not reported
Mailing Address: 1010 CADILLAC WAY
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD981382732
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 16.85
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000417812 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L58

NAME: RECTOR MOTOR CAR CO

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660022

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100418
Latitude: 37.58852
Longitude: -122.361752
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/09/1992
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0439
LOC Case Number: 660022
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:
Global Id: T0608100418
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100418
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100418
Action Type: ENFORCEMENT
Date: 05/29/1991
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000417812 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L58

NAME: RECTOR MOTOR CAR CO

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660022

SOURCE: CA State Water Resources Control Board

Global Id: T0608100418
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100418
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660022
Facility Status: 9- Case Closed
Global ID: T0608100418
APN Number: 026233080
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000417812 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L58

NAME: RECTOR MOTOR CAR CO
ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD981416365

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 06/03/1986
Facility name: RECTOR MOTOR CAR CO
Facility address: 1010 CADILLAC WAY
BURLINGAME, CA 94010
EPA ID: CAD981416365
Contact: ENVIRONMENTAL MANAGER
Contact address: 1010 CADILLAC WAY
BURLINGAME, CA 94010
Contact country: US
Contact telephone: (415) 348-0111
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

Owner/operator name: JIM HANNAY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: County
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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000417812 **DIST/DIR:** 0.232 WNW **ELEVATION:** 12 **MAP ID:** L58

NAME: RECTOR MOTOR CAR CO

ADDRESS: 1010 CADILLAC WAY
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD981416365

SOURCE: US Environmental Protection Agency

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: 1000122113 **DIST/DIR:** 0.235 West **ELEVATION:** 14 **MAP ID:** M59

NAME: P/R LEASE CO **Rev:** 12/31/2011

ADDRESS: 1117 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 1994
Gepaid: CAD980889141
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1117 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Tons: 1.7180
Facility County: San Mateo

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000122113 **DIST/DIR:** 0.235 West **ELEVATION:** 14 **MAP ID:** M59

NAME: P/R LEASE CO

ADDRESS: 1117 CALIFORNIA DR
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD980889141

SOURCE: US Environmental Protection Agency

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: P/R LEASE CO
Facility address: 1117 CALIFORNIA DR
BURLINGAME, CA 94010
EPA ID: CAD980889141
Mailing address: CALIFORNIA DR
BURLINGAME, CA 94010
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NANCY PIERSON, GEORGE BIGGS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

RCRA-SQG

EDR ID: 1000122113 **DIST/DIR:** 0.235 West **ELEVATION:** 14 **MAP ID:** M59

NAME: P/R LEASE CO

ADDRESS: 1117 CALIFORNIA DR
BURLINGAME, CA 94010

Rev: 02/12/2013
ID/Status: CAD980889141

SOURCE: US Environmental Protection Agency

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113051020 **DIST/DIR:** 0.246 West **ELEVATION:** 14 **MAP ID:** M60

NAME: ON TRACK AUTOMOTIVE, INC. **Rev:** 12/31/2011

ADDRESS: 1129 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

HAZNET:
Year: 2003
Gepaid: CAL000076756
Contact: ROBERT VERNAZZA-OWNER
Telephone: 6503434594
Mailing Name: Not reported
Mailing Address: 1129 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
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: 0.02
Facility County: San Mateo

Year: 2002
Gepaid: CAL000076756
Contact: ROBERT VERNAZZA-OWNER
Telephone: 6503434594
Mailing Name: Not reported
Mailing Address: 1129 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
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: 0.02
Facility County: San Mateo

Year: 2001
Gepaid: CAL000076756
Contact: ROBERT VERNAZZA-OWNER
Telephone: 6503434594
Mailing Name: Not reported
Mailing Address: 1129 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.7

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

HAZNET

EDR ID: S113051020 **DIST/DIR:** 0.246 West **ELEVATION:** 14 **MAP ID:** M60

NAME: ON TRACK AUTOMOTIVE, INC. **Rev:** 12/31/2011

ADDRESS: 1129 CALIFORNIA DR
BURLINGAME, CA 94010

SOURCE: CA California Environmental Protection Agency

Facility County: San Mateo

Year: 2000
Gepaid: CAL000076756
Contact: ROBERT VERNAZZA-OWNER
Telephone: 6503434594
Mailing Name: Not reported
Mailing Address: 1129 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.81
Facility County: San Mateo

Year: 1999
Gepaid: CAL000076756
Contact: ROBERT VERNAZZA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1129 CALIFORNIA DR
Mailing City,St,Zip: BURLINGAME, CA 940100000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .2502
Facility County: San Mateo

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101438206 **DIST/DIR:** 0.253 West **ELEVATION:** 15 **MAP ID:** M61

NAME: UNITED TRANSMISSION INC
ADDRESS: 1131 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660053

LUST:
Region: STATE
Global Id: T0608100229
Latitude: 37.586996
Longitude: -122.361722
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/20/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0240
LOC Case Number: 660053
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Stoddard solvent / Mineral Spriits / Distillates
Site History: Not reported

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

Contact:
Global Id: T0608100229
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100229
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100229
Action Type: ENFORCEMENT
Date: 05/24/1991
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101438206 **DIST/DIR:** 0.253 West **ELEVATION:** 15 **MAP ID:** M61

NAME: UNITED TRANSMISSION INC
ADDRESS: 1131 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660053

Global Id: T0608100229
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100229
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660053
Facility Status: 9- Case Closed
Global ID: T0608100229
APN Number: 029191070
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000597271 **DIST/DIR:** 0.253 West **ELEVATION:** 15 **MAP ID:** M62

NAME: UNITED TRANSMISSION
ADDRESS: 1131 CALIFORNIA DR
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660053
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103556739 **DIST/DIR:** 0.275 West **ELEVATION:** 15 **MAP ID:** N63

NAME: ENCORE THEATER
ADDRESS: 1159 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660041

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100196
Latitude: 37.5875505
Longitude: -122.3634809
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/23/1997
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0206
LOC Case Number: 660041
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100196
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100196
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100196
Action Type: ENFORCEMENT
Date: 05/15/1990
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103556739 **DIST/DIR:** 0.275 West **ELEVATION:** 15 **MAP ID:** N63

NAME: ENCORE THEATER
ADDRESS: 1159 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660041

SOURCE: CA State Water Resources Control Board

Global Id: T0608100196
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100196
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660041
Facility Status: 9- Case Closed
Global ID: T0608100196
APN Number: 026191250
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S100233991 **DIST/DIR:** 0.275 West **ELEVATION:** 15 **MAP ID:** N64

NAME: ENCORE THEATER
ADDRESS: 1159 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660041
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SWF/LF

EDR ID: S102362433 **DIST/DIR:** 0.278 NNW **ELEVATION:** 8 **MAP ID:** 65

NAME: BURLINGAME DISPOSAL SITE

ADDRESS: 1001 S AIRPORT ROAD
BURLINGAME, CA
SAN MATEO

SOURCE: CA Department of Resources Recycling and Recovery

Rev: 02/18/2013
ID/Status: Closed
ID/Status: 41-CR-0014
ID/Status: Closed

SWF/LF (SWIS):
Region: STATE
Facility ID: 41-CR-0014
Lat/Long: 37.5910999 / -122.3588
Owner Name: City Of Burlingame
Owner Telephone: 6505587246
Owner Address: Not reported
Owner Address2: 501 Primrose Road
Owner City,St,Zip: Burlingame, CA 94010
Operational Status: Closed
Operator: Not reported
Operator Phone: Not reported
Operator Address: Not reported
Operator Address2: Not reported
Operator City,St,Zip: Not reported
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: 0
Activity: Solid Waste Disposal Site
Regulation Status: Permitted
Landuse Name: Not reported
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: 0
SWIS Num: 41-CR-0014
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 0
Actual Throughput with Units: Not reported
Permitted Capacity with Units: 0
Remaining Capacity: 0
Remaining Capacity with Units: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

LUST:
Region: STATE
Global Id: T0608164698
Latitude: 37.5887011307581
Longitude: -122.362914383411
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 05/11/2012
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AED
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-4041
LOC Case Number: 660092
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Benzene, Toluene, Xylene, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: Extracted from Stantec's February 17, 2010 Workplan for Additional Site Assessment, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is located on the northwest corner of the intersection of Broadway and Rollins Road in Burlingame, California. The site is an active retail fuel dispensing station with a kiosk, a car wash, four dispenser islands, and two gasoline underground storage tanks (USTs). Currently the site has nine groundwater monitoring wells (MW-1 through MW-4, MW-5A, MW-5B, and MW-6 through MW-8) and two UST cavity observation wells (OB-1 and OB-2). The area surrounding the site is developed for commercial use. The site is surrounded by automobile dealerships to the south-southwest, the Highway 101 on- and off-ramps to the east, an automobile repair facility to the northwest, and an office complex to the north. Site topography is relatively flat, at an approximate elevation of 12 feet above mean sea level (MSL). The regional topography slopes gently towards the east. On June 15, 2001, two soil borings (SB-1 and SB-2) were advanced at the site as part of a preliminary geotechnical study to assess site lithology with respect to relative compaction, compression strengths, and general stability, in preparation for the potential expansion of the existing dispenser canopy. Soil cuttings from both soil borings exhibited hydrocarbon odors, and laboratory analysis of the cuttings for disposal purposes revealed petroleum hydrocarbon impact. Between September and November 2001, SECOR observed the removal of three 12,000-gallon single-walled fiberglass fuel USTs, product lines, and dispensers. During UST replacement activities, separate phase hydrocarbons (SPH) were observed on groundwater in the UST cavity. During dewatering of the

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

tank pit to allow installation of new tanks approximately 140 gallons of SPH and approximately 67,110 gallons of groundwater containing dissolved phase hydrocarbons were removed. Over-excavation of the fuel UST cavity was completed to accommodate the installation of one 20,000 gallon and one 12,000 gallon fuel capacity USTs. The dimensions of the former fuel UST cavity measured approximately 30 feet wide by 37 feet long by 15 feet deep, and the new fuel UST cavity dimensions measure approximately 32 feet wide by 42 feet long by 18 feet deep. The enlargement of the UST cavity resulted in the excavation and removal of approximately 930 tons of hydrocarbon impacted soil and peagravel. Compliance soil samples collected during the UST replacement revealed the presence of significant concentrations of total petroleum hydrocarbons as gasoline (TPHg), benzene, and methyl tert-butyl ether (MtBE) at maximum concentrations of 3,800 milligrams per kilogram (mg/kg), 7.8 mg/kg, and 83 mg/kg, respectively, in the vicinity of the UST cavity, product lines, and dispensers. Based on these concentrations, SECOR directed Paradiso Mechanical, Inc. (Paradiso) to perform limited over-excavation of hydrocarbon-impacted soil adjacent to and underlying the former dispense islands to a maximum depth of 6 feet below grade surface (bgs). Over-excavation in the vicinity of the product lines and dispensers was limited laterally and vertically due to the close proximity of the canopy footings, new USTs, carwash, kiosk, the Site boundaries, and shallow groundwater. Approximately 400 tons of soil was over-excavated from the product line and dispenser areas. Pea-gravel was imported and used to backfill the excavated area underlying the dispenser islands. Confirmation soil samples collected from sidewalls of the dispenser island over-excavation at 4 feet bgs contained concentrations of TPHg ranging from 42 to 2,900 mg/kg. Higher concentrations of TPHg (690 to 2,900 mg/kg) were present in the samples collected north and east of the northern dispenser island. Between February 20 and 22, 2002, SECOR oversaw t

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

Contact:
Global Id: T0608164698
Contact Type: Local Agency Caseworker
Contact Name: AMY DEMASI
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGUS
City: SAN MATEO
Email: ademasi@smcgov.org
Phone Number: 6503726285

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Contact Type: Regional Board Caseworker
Contact Name: Cheryl L. Prowell
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 Clay Street, Suite 1400
City: Oakland
Email: cprowell@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608164698
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0608164698
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 11/06/2001
Action: Notice of Responsibility - #1

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 09/10/2002
Action: Staff Letter - #20020910

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 04/22/2005
Action: Staff Letter - #20050422

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 03/19/2003
Action: Staff Letter - #20030319

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 01/27/2003
Action: Staff Letter - #20030127

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 08/29/2003
Action: Staff Letter - #20030829

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 05/27/2003
Action: Staff Letter - #20030527

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 07/18/2003
Action: Staff Letter - #20030718

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 07/02/2009
Action: Staff Letter - #20090702

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/03/2003
Action: Other Report / Document

Global Id: T0608164698
Action Type: RESPONSE
Date: 01/08/2009
Action: Interim Remedial Action Plan

Global Id: T0608164698
Action Type: RESPONSE
Date: 01/08/2009
Action: Other Workplan

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 06/27/2011
Action: Soil and Water Investigation Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: RESPONSE
Date: 03/26/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: RESPONSE
Date: 04/23/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2012
Action: Monitoring Report - Semi-Annually

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 11/05/2008
Action: Staff Letter - #20081105

Global Id: T0608164698
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608164698
Action Type: RESPONSE
Date: 10/15/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: RESPONSE
Date: 09/15/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 12/15/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 10/28/2009
Action: Staff Letter - #20091028

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/18/2010
Action: Pilot Study / Treatability Workplan

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2012
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 01/15/2013
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/15/2013
Action: Pilot Study/ Treatability Report

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 03/15/2013
Action: Pilot Study/ Treatability Report

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 11/05/2008
Action: Staff Letter - #20081105

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 12/19/2011
Action: Staff Letter - #20111219

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 12/19/2011
Action: Staff Letter - #20111219

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 10/01/2010
Action: Soil and Water Investigation Report

Global Id: T0608164698
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608164698
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 07/20/2010
Action: Staff Letter - #20100720

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/07/2010
Action: Other Report / Document

Global Id: T0608164698
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 12/06/2002
Action: Other Report / Document

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 05/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2007
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 11/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: RESPONSE
Date: 12/05/2002
Action: Soil and Water Investigation Workplan

Global Id: T0608164698
Action Type: RESPONSE
Date: 03/24/2003
Action: Other Report / Document

Global Id: T0608164698
Action Type: RESPONSE
Date: 03/20/2003
Action: Other Report / Document

Global Id: T0608164698
Action Type: RESPONSE
Date: 07/08/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608164698
Action Type: RESPONSE
Date: 08/15/2003
Action: Soil and Water Investigation Workplan

Global Id: T0608164698
Action Type: RESPONSE
Date: 02/11/2004
Action: Soil and Water Investigation Report

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000388920 **DIST/DIR:** 0.295 WNW **ELEVATION:** 13 **MAP ID:** 66

NAME: PRESTIGE STATIONS INC
ADDRESS: 1000 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization
ID/Status: 5C- Pollution Characterization
ID/Status: Open - Remediation
ID/Status: 660092

Global Id: T0608164698
Action Type: RESPONSE
Date: 06/21/2005
Action: Monitoring Report - Quarterly

Global Id: T0608164698
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0608164698
Action Type: ENFORCEMENT
Date: 03/01/2011
Action: Staff Letter - #20110301

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 660092
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/1/1965
Pollution Characterization Began: 5/29/2001
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660092
Facility Status: 5C- Pollution Characterization
Global ID: T0608164698
APN Number: 021363330
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101308539 **DIST/DIR:** 0.300 WNW **ELEVATION:** 14 **MAP ID:** O67

NAME: MIKE HARVEY CHRYSLER PLYMOUTH
ADDRESS: 1049 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660057

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100332
Latitude: 37.588116
Longitude: -122.362573
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/21/1997
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0348
LOC Case Number: 660057
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100332
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Global Id: T0608100332
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608100332
Action Type: ENFORCEMENT
Date: 11/14/1991
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101308539 **DIST/DIR:** 0.300 WNW **ELEVATION:** 14 **MAP ID:** O67

NAME: MIKE HARVEY CHRYSLER PLYMOUTH
ADDRESS: 1049 BROADWAY
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660057

Global Id: T0608100332
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100332
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660057
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660057
Facility Status: 9- Case Closed
Global ID: T0608100332
APN Number: 026233110
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493485 **DIST/DIR:** 0.308 WNW **ELEVATION:** 14 **MAP ID:** O68

NAME: BEKINS STORAGE
ADDRESS: 1070 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660019
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593900 **DIST/DIR:** 0.308 WNW **ELEVATION:** 14 **MAP ID:** O69

NAME: MIKE HARVEY ACURA

ADDRESS: 1070 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: 660019

SOURCE: CA State Water Resources Control Board

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660019
Facility Status: 9- Case Closed
Global ID: T0608101041
APN Number: 026131200
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101303047 **DIST/DIR:** 0.319 SE **ELEVATION:** 15 **MAP ID:** 70

NAME: BURL FIRE DEPT
ADDRESS: 799 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660062

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100642
Latitude: 37.5834877
Longitude: -122.3541009
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/09/2002
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0675
LOC Case Number: 660062
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100642
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Global Id: T0608100642
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608100642
Action Type: ENFORCEMENT
Date: 08/19/1992
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101303047 **DIST/DIR:** 0.319 SE **ELEVATION:** 15 **MAP ID:** 70

NAME: BURL FIRE DEPT
ADDRESS: 799 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660062

SOURCE: CA State Water Resources Control Board

Global Id: T0608100642
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100642
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660062
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660062
Facility Status: 9- Case Closed
Global ID: T0608100642
APN Number: 029053450
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593890 **DIST/DIR:** 0.320 West **ELEVATION:** 16 **MAP ID:** P71

NAME: CHEVRON STATION
ADDRESS: 1101 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660047

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100113
Latitude: 37.58751
Longitude: -122.362896
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/06/2005
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: CLI
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0120
LOC Case Number: 660047
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100113
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100113
Contact Type: Local Agency Caseworker
Contact Name: CHARLES ICE
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: cice@smcgov.org
Phone Number: 6503726295

Regulatory Activities:
Global Id: T0608100113
Action Type: RESPONSE
Date: 09/12/2005
Action: Unknown

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593890 **DIST/DIR:** 0.320 West **ELEVATION:** 16 **MAP ID:** P71

NAME: CHEVRON STATION
ADDRESS: 1101 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660047

SOURCE: CA State Water Resources Control Board

Global Id: T0608100113
Action Type: RESPONSE
Date: 05/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100113
Action Type: RESPONSE
Date: 05/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0608100113
Action Type: RESPONSE
Date: 05/15/2001
Action: Monitoring Report - Quarterly

Global Id: T0608100113
Action Type: RESPONSE
Date: 08/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100113
Action Type: RESPONSE
Date: 06/30/2004
Action: Request for Closure

Global Id: T0608100113
Action Type: RESPONSE
Date: 07/01/2005
Action: Unknown

Global Id: T0608100113
Action Type: ENFORCEMENT
Date: 09/30/1992
Action: Notice of Responsibility - #1

Global Id: T0608100113
Action Type: ENFORCEMENT
Date: 05/12/2005
Action: Staff Letter - #20050512

Global Id: T0608100113
Action Type: ENFORCEMENT
Date: 07/06/2005
Action: Closure/No Further Action Letter - #20050706

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593890 **DIST/DIR:** 0.320 West **ELEVATION:** 16 **MAP ID:** P71

NAME: CHEVRON STATION
ADDRESS: 1101 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660047

SOURCE: CA State Water Resources Control Board

Global Id: T0608100113
Action Type: ENFORCEMENT
Date: 04/13/2004
Action: Staff Letter - #20040413

Global Id: T0608100113
Action Type: ENFORCEMENT
Date: 04/30/2005
Action: Staff Letter - #20050430

Global Id: T0608100113
Action Type: ENFORCEMENT
Date: 08/09/2000
Action: Staff Letter - #20000809

Global Id: T0608100113
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100113
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660047
Facility Status: 9- Case Closed
Global ID: T0608100113
APN Number: 026191250
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S105030235 **DIST/DIR:** 0.320 West **ELEVATION:** 16 **MAP ID:** P72

NAME: CHEVRON 9-1909
ADDRESS: 1101 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Pollution Characterization

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Pollution Characterization
Case Number: 660047
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 1/1/1965
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102431136 **DIST/DIR:** 0.327 SSE **ELEVATION:** 16 **MAP ID:** Q73

NAME: RESIDENCE

ADDRESS: 1112 PALM
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660063

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100675
Latitude: 37.583184
Longitude: -122.35483
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/12/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0710
LOC Case Number: 660063
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100675
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100675
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100675
Action Type: ENFORCEMENT
Date: 04/20/1993
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102431136 **DIST/DIR:** 0.327 SSE **ELEVATION:** 16 **MAP ID:** Q73

NAME: RESIDENCE

ADDRESS: 1112 PALM
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660063

SOURCE: CA State Water Resources Control Board

Global Id: T0608100675
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100675
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660063
Facility Status: 9- Case Closed
Global ID: T0608100675
APN Number: 029021150
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101308557 **DIST/DIR:** 0.327 SSE **ELEVATION:** 16 **MAP ID:** Q74

NAME: CALIF. FEDERAL SAVINGS BANK
ADDRESS: 1112 PALM
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660063
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101593832 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R75

NAME: BP OIL COMPANY FACILITY #11204
ADDRESS: 1200 BAYSHORE HWY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Post remedial action monitoring

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 660002
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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: 1/1/1965

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100350
Latitude: 37.591468286
Longitude: -122.36068283
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/21/2012
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: AED
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0368
LOC Case Number: 660002
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Benzene, Toluene, Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Extracted from Delta's January 29, 2010 Quarterly Summary Report
Fourth Quarter 2009, San Mateo County does not take responsibility for the accuracy of the statements made or any professional interpretations made in the referenced report. The site is an active 76-branded gasoline retail outlet located at the intersection of Old Bayshore Highway and Airport Boulevard in Burlingame, California. There are currently three doublewalled fiberglass gasoline USTs (one 6,000-gallon, one 10,000-gallon, and one 12,000-gallon), one double-walled fiberglass waste oil UST (1,000-gallon), and two dispenser islands with vapor-recovery systems operating at the site. The site is located in an area of commercial and recreational use. The nearest surface water body is the San Francisco Bay, located approximately 100 feet northeast of the site. BP acquired the property from Mobil Oil Corporation in 1989. In 1994, BP transferred the property to TOSCO Marketing Company (TOSCO) and has not operated the facility since that time. Groundwater monitoring was conducted at the site from 1989 through 1996, and for two subsequent events in 1999 and 2001. Monitoring was conducted on a quarterly basis from October 1990 until November 1996. Groundwater monitoring was not conducted between 2001 and 2003 until it was resumed by URS on June 19, 2003 (second quarter monitoring event) as directed by SMCHCSA. Since June 2003, groundwater monitoring has been conducted on a quarterly basis based on recommendations made by URS in the July 21, 2003 Soil Investigation and Risk Assessment report. On October 20, 2003 URS prepared an Interim Remedial Action Work Plan for quarterly groundwater monitoring and monthly SPH bailing). MW-1 and RW-1/MW-7 have been monitored for SPH monthly and SPH has been bailed from MW-1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

monthly since June 19, 2003. Three fuel underground storage tanks (USTs) were installed in 1982. A steel 280-gallon waste oil UST was removed from the site in September 1988 and replaced in 1989 with a new 1,000-gallon waste oil UST, constructed of double wall fiberglass. Approximately 35 cubic yards of soil were excavated to remove the UST. Soil samples were collected from the excavation at approximately 5 feet bgs. Groundwater was encountered at approximately 5.5 feet bgs in the excavated area. After the waste oil UST was removed as part of the subsurface investigations, seven monitoring wells and three offsite monitoring wells were installed onsite from 1989 through 1991. Three onsite monitoring wells (MW-1 through MW-3) were installed in 1989. Wells MW-4, MW-5, and MW-7/RW-1 are onsite wells installed in 1990. MW-7/RW-1 was completed with 6-inch casing to facilitate SPH and groundwater recovery. MW-6 is an offsite well also installed during 1990. Wells MW-8 through MW-10 were installed in 1991, with MW-8 onsite and MW-9 and MW-10 offsite. All of these wells are completed to depths ranging from 14 to 19.5 feet below the ground surface (bgs). Groundwater monitoring was conducted at the site from 1989 through 1996; and apparently for two subsequent events in 1999 and 2001. Approximately eight gallons of separate phase hydrocarbons (SPH) were bailed between 1990 and 1991 from well MW-7/RW-1. From 1990 to 1991, approximately 18,500 gallons of water/oil mixture was pumped from the subsurface. A groundwater extraction and treatment system was operated in monitoring well MW-7/RW-1 from January 1992 to November 1995 and extracted approximately 49,000 gallons of groundwater. In 1993 and 1994, SPH were encountered in MW7/RW-1. SPH continues to be recovered from RW-1. Subsurface investigations at the site since the waste oil tank was removed in 1988 included additional soil sampling. In 1989, one soil sample from each of the three borings for monitoring well installations (MW-1 through MW-3) was submitted for analysis. Three soil samples were analyzed from each soil boring in 1990 when monitoring wells MW-4 through MW-7/RW-1 were installed. In 199

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

Contact:
Global Id: T0608100350
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

Global Id: T0608100350
Contact Type: Local Agency Caseworker
Contact Name: AMY DEMASI
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGUS
City: SAN MATEO
Email: ademasi@smcgov.org
Phone Number: 6503726285

Regulatory Activities:
Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: Staff Letter - #20090713

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 05/16/2010
Action: Staff Letter - #20100526

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 02/21/2012
Action: Closure/No Further Action Letter - #20120221

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 01/31/1989
Action: Notice of Responsibility - #1

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 07/22/2003
Action: Staff Letter - #20030722

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 04/16/2003
Action: Staff Letter - #20030413

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 08/27/2003
Action: Staff Letter - #20030827

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 03/23/2011
Action: Other Report / Document

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 11/15/2009
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/27/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 08/29/2011
Action: Staff Letter - #20110829

Global Id: T0608100350
Action Type: RESPONSE
Date: 06/06/2003
Action: Interim Remedial Action Plan

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/20/2003
Action: Interim Remedial Action Report

Global Id: T0608100350
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

Global Id: T0608100350
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 02/06/2012
Action: Well Destruction Report

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

Global Id: T0608100350
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100350
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0608100350
Action Type: REMEDIATION
Date: 01/01/1950
Action: Free Product Removal

Global Id: T0608100350
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100350
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102267567 **DIST/DIR:** 0.327 NNW **ELEVATION:** 8 **MAP ID:** R76

NAME: AIRPORT 76

ADDRESS: 1200 BAYSHORE HWY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660002

SOURCE: CA State Water Resources Control Board

Global Id: T0608100350
Action Type: REMEDIATION
Date: 01/01/1950
Action: Free Product Removal

Global Id: T0608100350
Action Type: REMEDIATION
Date: 01/01/1950
Action: Free Product Removal

Global Id: T0608100350
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100350
Action Type: ENFORCEMENT
Date: 07/28/2011
Action: LOP Case Closure Summary to RB - #20110728

Global Id: T0608100350
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660002
Facility Status: 9- Case Closed
Global ID: T0608100350
APN Number: 026142130
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SLIC

EDR ID: S100869784 **DIST/DIR:** 0.328 West **ELEVATION:** 16 **MAP ID:** P77

NAME: DESERT PETROLEUM
ADDRESS: 1100 BROADWAY AVE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: SLT2O04349

SLIC REG 2:
Region: 2
Facility ID: SLT2O04349
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SLIC

EDR ID: U001593914 **DIST/DIR:** 0.328 West **ELEVATION:** 16 **MAP ID:** P78

NAME: L&S AUTO REPAIR

ADDRESS: 1100 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Open - Inactive
ID/Status: Open - Inactive

SOURCE: CA State Water Resources Control Board

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 06/02/2009
Global Id: SLT2O04349
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.585622170347
Longitude: -122.365495985016
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: SLT2O04349
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593914 **DIST/DIR:** 0.328 West **ELEVATION:** 16 **MAP ID:** P78

NAME: L&S AUTO REPAIR
ADDRESS: 1100 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660010

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100230
Latitude: 37.587598
Longitude: -122.36298
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/23/2002
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0242
LOC Case Number: 660010
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100230
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100230
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100230
Action Type: ENFORCEMENT
Date: 07/07/1989
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593914 **DIST/DIR:** 0.328 West **ELEVATION:** 16 **MAP ID:** P78

NAME: L&S AUTO REPAIR

ADDRESS: 1100 BROADWAY
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660010

SOURCE: CA State Water Resources Control Board

Global Id: T0608100230
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100230
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100230
Action Type: REMEDIATION
Date: 01/01/1950
Action: Free Product Removal

Global Id: T0608100230
Action Type: REMEDIATION
Date: 01/01/1950
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608100230
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660010
Facility Status: 9- Case Closed
Global ID: T0608100230
APN Number: 026093040
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S105033162 **DIST/DIR:** 0.328 West **ELEVATION:** 16 **MAP ID:** P79

NAME: PK AUTO SERVICE
ADDRESS: 1100 BROADWAY
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660010
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000332628 **DIST/DIR:** 0.330 WNW **ELEVATION:** 10 **MAP ID:** 80

NAME: AUTOHAUS SCHMID INC
ADDRESS: 1213 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660086

LUST:
Region: STATE
Global Id: T0608110689
Latitude: 37.588932
Longitude: -122.363077
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/30/2001
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-4039
LOC Case Number: 660086
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

Contact:
Global Id: T0608110689
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608110689
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608110689
Action Type: ENFORCEMENT
Date: 11/08/1999
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: 1000332628 **DIST/DIR:** 0.330 WNW **ELEVATION:** 10 **MAP ID:** 80

NAME: AUTOHAUS SCHMID INC

ADDRESS: 1213 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660086

Global Id: T0608110689
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660086
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660086
Facility Status: 9- Case Closed
Global ID: T0608110689
APN Number: 026131100
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101303045 **DIST/DIR:** 0.357 West **ELEVATION:** 16 **MAP ID:** S81

NAME: BISCAY AUTO REPAIR

ADDRESS: 1215 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660028
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S100856552 **DIST/DIR:** 0.357 West **ELEVATION:** 16 **MAP ID:** S82

NAME: BISCAYS AUTO REPAIR
ADDRESS: 1215 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660028

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100071
Latitude: 37.587773
Longitude: -122.363416
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/11/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0076
LOC Case Number: 660028
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100071
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100071
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100071
Action Type: ENFORCEMENT
Date: 03/09/1993
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S100856552 **DIST/DIR:** 0.357 West **ELEVATION:** 16 **MAP ID:** S82

NAME: BISCAYS AUTO REPAIR

ADDRESS: 1215 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660028

SOURCE: CA State Water Resources Control Board

Global Id: T0608100071
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100071
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660028
Facility Status: 9- Case Closed
Global ID: T0608100071
APN Number: 026093030
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SLIC

EDR ID: S109280319 **DIST/DIR:** 0.368 SE **ELEVATION:** 18 **MAP ID:** T83

NAME: NICKS

ADDRESS: 775 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Open - Site Assessment
ID/Status: Open - Site Assessment

SOURCE: CA State Water Resources Control Board

SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 07/18/2012
Global Id: T10000004181
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 669109
Latitude: 37.5825159332734
Longitude: -122.353008985519
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Site Opened 7/18/2012

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S109280319 **DIST/DIR:** 0.368 SE **ELEVATION:** 18 **MAP ID:** T83

NAME: NICKS

ADDRESS: 775 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 3B- Preliminary Assessment Underway
ID/Status: 669109

SOURCE: CA State Water Resources Control Board

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 669109
Facility Status: 3B- Preliminary Assessment Underway
Global ID: T10000004181
APN Number: 029053430
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

SLIC

EDR ID: S100873976 **DIST/DIR:** 0.379 SE **ELEVATION:** 17 **MAP ID:** T84

NAME: SHAFFERS AUTO SERVICE CTR

ADDRESS: 777 CALIFORNIA
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Open - Site Assessment
ID/Status: Open - Site Assessment

SOURCE: CA State Water Resources Control Board

SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 07/18/2012
Global Id: T10000004180
Lead Agency: SAN MATEO COUNTY LOP
Lead Agency Case Number: 669108
Latitude: 37.5827795054363
Longitude: -122.352998256683
Case Type: Cleanup Program Site
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: Not reported
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Site opened 7/18/2012

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S100873976 **DIST/DIR:** 0.379 SE **ELEVATION:** 17 **MAP ID:** T84

NAME: SHAFFERS AUTO SERVICE CTR

ADDRESS: 777 CALIFORNIA
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 3B- Preliminary Assessment Underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 669108
ID/Status: 660034

LUST:
Region: STATE
Global Id: T0608100458
Latitude: 37.582736
Longitude: -122.35305
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 01/14/1992
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0482
LOC Case Number: 660034
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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

Contact:
Global Id: T0608100458
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100458
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100458
Action Type: ENFORCEMENT
Date: 01/08/1990
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S100873976 **DIST/DIR:** 0.379 SE **ELEVATION:** 17 **MAP ID:** T84

NAME: SHAFFERS AUTO SERVICE CTR

ADDRESS: 777 CALIFORNIA
BURL, CA 94010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 3B- Preliminary Assessment Underway
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 669108
ID/Status: 660034

Global Id: T0608100458
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100458
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 669108
Facility Status: 3B- Preliminary Assessment Underway
Global ID: T10000004180
APN Number: 029053430
Case Type: SAN MATEO CO. LUST

Region: SAN MATEO
Facility ID: 660034
Facility Status: 9- Case Closed
Global ID: T0608100458
APN Number: 029053430
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493502 **DIST/DIR:** 0.379 SE **ELEVATION:** 17 **MAP ID:** T85

NAME: SHAFFER'S TIRE CENTER
ADDRESS: 777 CALIFORNIA
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660034
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102434317 **DIST/DIR:** 0.422 NW **ELEVATION:** 8 **MAP ID:** U86

NAME: WILLIAM NERLI

ADDRESS: 1320 MARSTEN RD
BURLINGAME, VA 24010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660072

LUST:
Region: STATE
Global Id: T0608100802
Latitude: 37.590258
Longitude: -122.363246
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/09/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0856
LOC Case Number: 660072
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100802
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100802
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100802
Action Type: ENFORCEMENT
Date: 11/01/1994
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S102434317 **DIST/DIR:** 0.422 NW **ELEVATION:** 8 **MAP ID:** U86

NAME: WILLIAM NERLI

ADDRESS: 1320 MARSTEN RD
BURLINGAME, VA 24010

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660072

Global Id: T0608100802
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660072
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660072
Facility Status: 9- Case Closed
Global ID: T0608100802
APN Number: 026134030
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104161686 **DIST/DIR:** 0.441 WNW **ELEVATION:** 8 **MAP ID:** U87

NAME: CAULKING WATERPROOFING INC.
ADDRESS: 1333 MARSTEN
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660037
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103892216 **DIST/DIR:** 0.441 WNW **ELEVATION:** 8 **MAP ID:** U88

NAME: VACANT WAREHOUSE

ADDRESS: 1333 MARSTEN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660037

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100108
Latitude: 37.590656
Longitude: -122.365053
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 02/09/1993
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0114
LOC Case Number: 660037
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100108
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100108
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100108
Action Type: ENFORCEMENT
Date: 03/14/1990
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103892216 **DIST/DIR:** 0.441 WNW **ELEVATION:** 8 **MAP ID:** U88

NAME: VACANT WAREHOUSE

ADDRESS: 1333 MARSTEN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660037

SOURCE: CA State Water Resources Control Board

Global Id: T0608100108
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100108
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660037
Facility Status: 9- Case Closed
Global ID: T0608100108
APN Number: 026133010
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S106162865 **DIST/DIR:** 0.441 WNW **ELEVATION:** 8 **MAP ID:** U89

NAME: HORN INVESTMENT & REALTY
ADDRESS: 1344-1 MARSTEN
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660076
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S106981543 **DIST/DIR:** 0.441 WNW **ELEVATION:** 8 **MAP ID:** U90

NAME: EVA PERSON
ADDRESS: 1344 MARSTEN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660076

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100725
Latitude: 37.5903398
Longitude: -122.3638741
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/30/1995
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0766
LOC Case Number: 660076
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

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

Contact:
Global Id: T0608100725
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100725
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100725
Action Type: ENFORCEMENT
Date: 08/25/1993
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S106981543 **DIST/DIR:** 0.441 WNW **ELEVATION:** 8 **MAP ID:** U90

NAME: EVA PERSON
ADDRESS: 1344 MARSTEN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660076

SOURCE: CA State Water Resources Control Board

Global Id: T0608100725
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100725
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660076
Facility Status: 9- Case Closed
Global ID: T0608100725
APN Number: 026124070
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103892239 **DIST/DIR:** 0.458 SE **ELEVATION:** 18 **MAP ID:** V91

NAME: FLOYDS AUTOMOTIVE
ADDRESS: 741 SAN MATEO
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660061

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100222
Latitude: 37.5680556
Longitude: -122.3072222
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/05/2000
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0233
LOC Case Number: 660061
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100222
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100222
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100222
Action Type: ENFORCEMENT
Date: 05/28/1992
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103892239 **DIST/DIR:** 0.458 SE **ELEVATION:** 18 **MAP ID:** V91

NAME: FLOYDS AUTOMOTIVE

ADDRESS: 741 SAN MATEO
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660061

SOURCE: CA State Water Resources Control Board

Global Id: T0608100222
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100222
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660061
Facility Status: 9- Case Closed
Global ID: T0608100222
APN Number: 029053480
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S104493557 **DIST/DIR:** 0.458 SE **ELEVATION:** 18 **MAP ID:** V92

NAME: FLOYD'S AUTOMOTIVE
ADDRESS: 741 SAN MATEO
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660061
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101308552 **DIST/DIR:** 0.465 NW **ELEVATION:** 8 **MAP ID:** W93

NAME: ARC ELECTRIC CO

ADDRESS: 1330 MARSTEN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660052

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100024
Latitude: 37.5908562643952
Longitude: -122.363753914833
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/25/1998
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0025
LOC Case Number: 660052
File Location: Local Agency Warehouse
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100024
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Global Id: T0608100024
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608100024
Action Type: ENFORCEMENT
Date: 09/25/1991
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101308552 **DIST/DIR:** 0.465 NW **ELEVATION:** 8 **MAP ID:** W93

NAME: ARC ELECTRIC CO

ADDRESS: 1330 MARSTEN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660052

SOURCE: CA State Water Resources Control Board

Global Id: T0608100024
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100024
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100024
Action Type: REMEDIATION
Date: 01/01/1950
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Global Id: T0608100024
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660052
Facility Status: 9- Case Closed
Global ID: T0608100024
APN Number: 026134190
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101593657 **DIST/DIR:** 0.465 NW **ELEVATION:** 8 **MAP ID:** W94

NAME: ARC ELECTRIC COMPANY
ADDRESS: 1330 MARSTEN RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660052
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S101303048 **DIST/DIR:** 0.471 WNW **ELEVATION:** 8 **MAP ID:** X95

NAME: WAREHOUSE II

ADDRESS: 1327 N CAROLAN AVE
BURLINGAME, CA

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: 660065

SOURCE: CA State Water Resources Control Board

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660065
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660065
Facility Status: 9- Case Closed
Global ID: T0608100736
APN Number: 026121090
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103892194 **DIST/DIR:** 0.471 WNW **ELEVATION:** 8 **MAP ID:** X96

NAME: SUTTI, JOHN & ASSOCIATES INC
ADDRESS: 1327 CAROLAN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100736
Latitude: 37.58952
Longitude: -122.36601
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/27/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0780
LOC Case Number: 660065
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100736
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100736
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100736
Action Type: ENFORCEMENT
Date: 09/08/1993
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103892194 **DIST/DIR:** 0.471 WNW **ELEVATION:** 8 **MAP ID:** X96

NAME: SUTTI, JOHN & ASSOCIATES INC

ADDRESS: 1327 CAROLAN
BURL, CA 94010

Rev: 03/18/2013
ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

Global Id: T0608100736
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103065158 **DIST/DIR:** 0.488 SE **ELEVATION:** 21 **MAP ID:** 97

NAME: W. J. BRITTON COMPANY
ADDRESS: 701 CALIFORNIA DR
BURLINGAME, CA

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660006

SOURCE: CA State Water Resources Control Board

LUST:
Region: STATE
Global Id: T0608100626
Latitude: 37.582236
Longitude: -122.351484
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/30/1998
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0657
LOC Case Number: 660006
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100626
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Global Id: T0608100626
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Regulatory Activities:
Global Id: T0608100626
Action Type: ENFORCEMENT
Date: 11/15/1989
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103065158 **DIST/DIR:** 0.488 SE **ELEVATION:** 21 **MAP ID:** 97

NAME: W. J. BRITTON COMPANY
ADDRESS: 701 CALIFORNIA DR
BURLINGAME, CA

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660006

Global Id: T0608100626
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100626
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0608100626
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660006
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660006
Facility Status: 9- Case Closed
Global ID: T0608100626
APN Number: 029053160
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103472702 **DIST/DIR:** 0.488 WNW **ELEVATION:** 8 **MAP ID:** X98

NAME: WAREHOUSE I

ADDRESS: 1337 NORTH CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660030

LUST:
Region: STATE
Global Id: T0608100614
Latitude: 37.589677
Longitude: -122.366372
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/26/1999
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0643
LOC Case Number: 660030
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100614
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100614
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100614
Action Type: ENFORCEMENT
Date: 03/14/1993
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S103472702 **DIST/DIR:** 0.488 WNW **ELEVATION:** 8 **MAP ID:** X98

NAME: WAREHOUSE I

ADDRESS: 1337 NORTH CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660030

Global Id: T0608100614
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0608100614
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0608100614
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660030
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660030
Facility Status: 9- Case Closed
Global ID: T0608100614
APN Number: 026121100
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: S105033302 **DIST/DIR:** 0.494 WNW **ELEVATION:** 8 **MAP ID:** Y99

NAME: MYERS AIR CONDITIONING
ADDRESS: 1395 MARSTEN
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: Case Closed

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 660050
How Discovered: OM
Leak Cause: Unknown
Leak Source: Unknown
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment 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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593930 **DIST/DIR:** 0.494 WNW **ELEVATION:** 8 **MAP ID:** Y100

NAME: MYERS AIR CONDITIONING COMPANY
ADDRESS: 1395 MARSTEN RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660050

LUST:
Region: STATE
Global Id: T0608100355
Latitude: 37.591654
Longitude: -122.366652
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 06/07/1996
Lead Agency: SAN MATEO COUNTY LOP
Case Worker: JM
Local Agency: SAN MATEO COUNTY LOP
RB Case Number: 41-0373
LOC Case Number: 660050
File Location: Local Agency
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

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

Contact:
Global Id: T0608100355
Contact Type: Regional Board Caseworker
Contact Name: NANCY KATYL
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET
City: OAKLAND
Email: nkatyl@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0608100355
Contact Type: Local Agency Caseworker
Contact Name: JACOB MADDEN
Organization Name: SAN MATEO COUNTY LOP
Address: 2000 ALAMEDA DE LAS PULGAS
City: SAN MATEO
Email: jmadden@smcgov.org
Phone Number: 6503726298

Regulatory Activities:
Global Id: T0608100355
Action Type: ENFORCEMENT
Date: 09/18/1991
Action: Notice of Responsibility - #1

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

LUST

EDR ID: U001593930 **DIST/DIR:** 0.494 WNW **ELEVATION:** 8 **MAP ID:** Y100

NAME: MYERS AIR CONDITIONING COMPANY
ADDRESS: 1395 MARSTEN RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA State Water Resources Control Board

Rev: 03/18/2013
ID/Status: 9- Case Closed
ID/Status: Completed - Case Closed
ID/Status: 660050

Global Id: T0608100355
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SAN MATEO CO. LUST:
Region: SAN MATEO
Facility ID: 660050
Facility Status: 9- Case Closed
Global ID: T0608100355
APN Number: 026123020
Case Type: SAN MATEO CO. LUST

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: 1001085505 **DIST/DIR:** 0.812 WNW **ELEVATION:** 8 **MAP ID:** 101

NAME: COEN CO INC
ADDRESS: 1510 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41360041
ID/Status: Refer: Other Agency

ENVIROSTOR:
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Facility ID: 41360041
Site Code: Not reported
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Refer: Other Agency
Status Date: 06/15/1994
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 37.59347
Longitude: -122.3697
APN: 025273080
Past Use: NONE SPECIFIED
Potential COC: 10097
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 025273080
Alias Type: APN
Alias Name: 41360041
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/09/1987
Comments: SITE SCREENING DONE COMPANY DESIGNS & MANUFACTURES CUSTOM COMBUSTION & CONTROL SYSTEMS. RATIONALE FOR PA: REPORTED OBSERVATIONS OF STRESSED VEGETATION/STAINED SOIL ONSITE; NO INFO ON FILE SPECIFIC TO ACTIONS TAKEN BY THE RWQCB UPON REFERRAL

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: 1001085505 **DIST/DIR:** 0.812 WNW **ELEVATION:** 8 **MAP ID:** 101

NAME: COEN CO INC

ADDRESS: 1510 ROLLINS RD
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41360041
ID/Status: Refer: Other Agency

Completed Date: 08/01/1980
Comments: FACILITY IDENTIFIED ACTIVE SITE I.D.'D IND. OF DRIVE BY

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

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

ENVIROSTOR:
Site Type: School Cleanup
Site Type Detailed: School
Acres: 22
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Mellan Songco
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Facility ID: 41820008
Site Code: 204083
Assembly: 22
Senate: 13
Special Program: Not reported
Status: Certified / Operation & Maintenance
Status Date: 08/04/2011
Restricted Use: YES
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 37.58249
Longitude: -122.3468
APN: 029-141-010
Past Use: UNKNOWN, SCHOOL - HIGH SCHOOL
Potential COC: 30001, 30013, 30018
Confirmed COC: 30001,, ,30018,30013
Potential Description: SOIL, SOIL
Alias Name: BURLINGAME HIGH SCHOOOL
Alias Type: Alternate Name
Alias Name: SAN MATEO UHSD-BURLINGAME HIGH
Alias Type: Alternate Name
Alias Name: SAN MATEO UNION HIGH SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 029-141-010
Alias Type: APN
Alias Name: 110021905143
Alias Type: EPA (FRS #)
Alias Name: 204083
Alias Type: Project Code (Site Code)
Alias Name: 41820008
Alias Type: Envirostor ID Number

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/06/2006
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/01/2007
Comments: DTSC issued approval to begin construction on the rear athletic field.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/25/2007
Comments: Sharon received a draft response letter from the District that did not comply with the DNONC. Comments were written on the response; Additional internal meetings are needed to determine if an order will be issued.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/05/2007
Comments: Held a face-to-face meeting to discuss outstanding issues for the project: Schedule for remainder of activities; Discussion regarding remediation in the planter boxes. Discussed a couple of options for the planter boxes; the District will include their final recommendation for their remediation in the arsenic RAW.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/02/2007
Comments: Site Visit to oversee confirmation sampling for PCB remediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/30/2007
Comments: Phone conference to discuss 1. Fact sheet; 2. Start of the Lead/PCB removal; 3. Recent arsenic characterization; 4. Meeting in DTSC Berkeley Office to develop the dates for the remaining of the remediation activities.

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/08/2007
Comments: Meet with Kim, Diane and Mark to discuss the work notice Kim prepared for Burlingame. Based on the significant amount of time that has lapsed since the last communication from DTSC to the community, Fact Sheet was recommended instead of a work notice. It will include the dates of the PCB and lead removals as well as a date on the additional arsenic investigation. A reference will be made regarding the arsenic removal, but no specific date will be mentioned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/01/2007
Comments: Project Team to discuss outstanding issues for project: fence the PCB area; financal capabilities of the District; look up the requirements for proper signage and will send it to Burlingame via email; Cost Estimates to complete all of the work at BHS- cost to complete the PCB and Lead removal actions, cost to completed and arsenic characterization; prepare another timeline of tasks that need to be completed; Stabalization of site press release and future fact sheets;

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/29/2007
Comments: Project team discussed Measure M (Proposition 39) that was passed in November 06 for $298,000,000. discussed if an Imminent and Substantial Endangerment order would appropriate to issue or , a Determination of Non-Compliance (DoNC) or a Fence and Post on a temporary fence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/26/2006

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Comments: Meeting to discuss: the letter of proposed Determination of Non-Compliance was signed and sent to the District and the letter sent to the City of Burlingame (Jim Nantell) . The DNONC identified three thing: Completion of removal action for lead and PCBs around the main building and a submittal of a RACR; Submittal of an SSI to document the extent of arsenic-contamination on BHS; and submittal of a RAW to address the mitigation of arsenic. District to provide a response by January 17, 2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 10/12/2005
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2007
Comments: Following a comprehensive review of the laboratory reports on the soils to be used as fill material in the remediation at Burlingame High School, DTSC has approved the use of the proposed fill materials. Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/18/2008
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: DTSC reviewed and determined that based on the results of the analytical data provided, the decomposed granite from the Handley Ranch Quarry would not adversely impact the site and is suitable to use as fill material in Area B.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/05/2004
Comments: DTSC approved the PEA with further action required determination.

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/07/2002
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/06/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/23/2002
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/02/2005
Comments: Not reported

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/19/2005
Comments: DTSC issued conditional approval. The newspaper did not run the public comment period notification as scheduled. Conditional approval allowed the District to move forward with the removal action for lead and PCBs with the undersanding that changes to the RAW may be neccessary if significant public comments are recevied. PCB clean-up goal is 0.3 mg/kg and lead clean-up goal is 255 mg/kg.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/27/2007
Comments: DTSC approved the SSI report with a remediation required determination. A Removal Action Workplan (RAW) will be prepared to address arsenic impacted soils at the site.

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

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Document Type: Other Report
Completed Date: 04/04/2006
Comments: District requested DTSC to assist the in solicitation of state funding by crafting a letter to CDE indicating that the removal actions on the school will take more than six months to complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/23/2006
Comments: Delays in Investigation letter to the School District. OLC has been contacted and staff has been assigned to project.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/15/2005
Comments: DTSC PM memo regarding the evaluation for concentrations of arsenic in the City Easement. Memo is part of a letter to the City of Burlingame.

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/14/2005
Comments: Fast Sheet developed to announce the start of the public comment period for the lead RAW and the contamination identified on the site.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/20/2006
Comments: DTSC put an unofficial summary together of all of the arsenic investigation for discussion purposes only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/20/2006
Comments: Established a new cost estimate to complete the remainder of the project. Cost estimate considered the oversight for the remainder of the lead/PCB removal, additional investigation of arsenic, the remediation of arsenic and project closure.

Completed Area Name: Arsenic

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/17/2004
Comments: Letter was constructed to encourage San Mateo Union HSD to enter into a VCA for the clean-up of elevated levels of arsenic found on the campus.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/26/2006
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/12/2007
Comments: DTSC approval of temporary mitigation for cement slurry over City's dirt easment area.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/15/2007
Comments: DTSC issued Status of Investigation for arsenic Letter.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/21/2007
Comments: DTSC received (via email), reviewed and approved the TM for arsenic characterization

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/28/2007
Comments: Received 2 copies of Fact Sheet. Uploaded document.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/07/2007
Comments: DTSC issued a RAW approval and concurrently reponded to public comments regarding the RAW (in a separate but enclosed letter) and

- Continued on next page -

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

filed the NOE.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/2007
Comments: DTSC issued the Fact Sheet and public notice establishing the beginning of the public comment period. The public comment period will run from 10/5/07 - 11/05/07.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/15/2008
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/29/2007
Comments: DTSC/District weekly remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/06/2007
Comments: DTSC/Distict arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/13/2007
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/27/2007
Comments: DTSC/District arsenic remediaiton meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/03/2008
Comments: DTSC/District arsenic remediation meeting

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/17/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/14/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/2008
Comments: DTSC/District arsenic remediation meeting

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/27/2008
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/27/2008
Comments: DTSC developed and approved the ESD for the project. The ESD serves as a bridging document to explain that a Land Use Covenant (LUC) is needed for the project, even though the LUC was not mentioned in the removal action workplan.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/04/2011
Comments: On July 19, 2012, DTSC received the complete revised Final O&M Plan (July 10, 2012 version)

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/06/2010
Comments: DTSC approved the Removal Action Completion Report for arsenic

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

impacted soils

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/07/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: DTSC reviewed and determined that based on the analytical data provided, the decomposed granite from the Handley Ranch Quarry would not adversely impact the site and is suitable to use as fill material in Area B.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/06/2011
Comments: DTSC approved the 2010 Arsenic Annual Inspection summary Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/03/2012
Comments: On May 3, 2012, DTSC approved the Arsenic Annual Inspection Summary Report. This letter also identified two new areas of concern located at the Athletic Field area that will be included and managed under the O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2012
Comments: On February 22, 2012, DTSC received a notification from the SMUHGD via e-mail indicating that Mr. Victor Talavera will be the new Arsenic Coordinator (replacing Mr. Ezekiel Lyles).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2012
Comments: On September 4, 2012, DTSC approved the 2012 Annual Summary

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Inspection Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/18/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/23/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/29/2006
Comments: Not reported

Completed Area Name: Lead/PCB
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 11/10/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/27/2005
Comments: Not reported

Completed Area Name: Lead/PCB

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/20/2005
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/26/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/20/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/15/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/16/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/05/2002

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/06/2007
Comments: Office of Env. Planning & Analysis has approved the NOE. Division signatures will be added to the tracking form when the RAW is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/25/2008
Comments: DTSC issued a letter to the District outlining the current status of the project and requesting a response to DTSC comments regarding the RACR and a schedule of mitigation activities.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/03/2009
Comments: Not reported

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/04/2009
Comments: DTSC issued a fully executed Operation and Maintenance Agreement.

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/18/2012
Comments: DTSC participated in the annual arsenic inspection at the Burlingame HS with Zeke Lyles and Wes Hawthorne. The Burlingame HS is still undergoing modernization. DTSC was notified by W. Hawthorne that Victor Talaveras (Arsenic Coordinator) is aware of the project and is monitoring the progress of the modernization project to ensure that

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL
ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO
SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

if any of the areas of concern is impacted the proper SOP will be followed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/27/2009
Comments: Project Manager Change

Completed Area Name: Arsenic
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/20/2011
Comments: DTSC conducted the 2011 Annual Arsenic Inpection with Zeke Lyles, District's Arsenic Coordinator; J. Wesley Hawthorne (Locus Technologies), O&M Professional; and, George. The following were observed during the walkthrough: bare soils w/ mesh visible around some trees in Area E; some of the planters in Area F2 needs additional granite; Area C behind building C and by the library needs additional wood chips to fill bald spots around plants; a new building D is almost complete - need to verify if Area C is beneath the new building; some of the Area C around the gym that is not concreted needs woodchips to fill bald spots. Z. Lyles mentioned that after the ongoing modernization he is planning on putting concrete over the grassy area around the gym instead on maintaning the grass. The trees will stay and the root area will have bark as covering. Currently, area soil is exposed. During the site inspection Z. Lyles mentioned that the parking area in the south side of the site will be re-finished in the coming months. DTSC reminded them that Area G2 is part of the parking area and therefore there's a potential for arsenic in the soil. In addition, Z. Lyles also mentioned that the track area will also be modernized in the coming months. DTSC recommended that samples be taken & that the consultants follow the SOP included in the O&M plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/29/2013

- Continued on next page -

Site Detail Report

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

ENVIROSTOR

EDR ID: S103986521 **DIST/DIR:** 0.840 SE **ELEVATION:** 30 **MAP ID:** 102

NAME: BURLINGAME HIGH SCHOOL

ADDRESS: 400 CAROLAN AVENUE
BURLINGAME, CA 94010
SAN MATEO

SOURCE: CA Department of Toxic Substances Control

Rev: 03/13/2013
ID/Status: 41820008
ID/Status: Certified / Operation & Maintenance

Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2014
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

Database Descriptions

NPL: NPL 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. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

NPL Delisted: DELISTED NPL 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. DELISTED NPL - National Priority List Deletions

CERCLIS: CERCLIS CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System

NFRAP: CERCLIS-NFRAP Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site. CERCLIS-NFRAP - CERCLIS No Further Remedial Action Planned

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

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

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

Federal IC / EC: US ENG CONTROLS 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. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

Database Descriptions

State/Tribal NPL: RESPONSE 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. RESPONSE - State Response Sites

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

State/Tribal SWL: SWF/LF (SWIS) Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites. SWF/LF (SWIS) - Solid Waste Information System

State/Tribal LTANKS: LUST REG 8 ORANGE CO. LUST - List of Underground Storage Tank Cleanups. LUST REG 1 - Active Toxic Site Investigation. RIVERSIDE CO. LUST - Listing of Underground Tank Cleanup Sites. LUST - Geotracker's Leaking Underground Fuel Tank Report. LUST REG 7 - Leaking Underground Storage Tank Case Listing. LUST REG 3 - Leaking Underground Storage Tank Database. LUST REG 5 - Leaking Underground Storage Tank Database. SONOMA CO. LUST - Leaking Underground Storage Tank Sites. LUST REG 6V - Leaking Underground Storage Tank Case Listing. LUST REG 4 - Underground Storage Tank Leak List. LUST REG 9 - Leaking Underground Storage Tank Report. LUST REG 2 - Fuel Leak List. VENTURA CO. LUST - Listing of Underground Tank Cleanup Sites. LUST REG 6L - Leaking Underground Storage Tank Case Listing. SAN MATEO CO. LUST - Fuel Leak List. LUST SANTA CLARA - LOP Listing. SAN FRANCISCO CO. LUST - Local Oversite Facilities. SOLANO CO. LUST - Leaking Underground Storage Tanks. NAPA CO. LUST - Sites With Reported Contamination. Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties. NAPA CO. LUST - Leaking Underground Storage Tank Database SLIC - Statewide SLIC Cases. SLIC REG 1 - Active Toxic Site Investigations. SLIC REG 2 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 3 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 4 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 5 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 6V - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 6L - SLIC Sites. SLIC REG 7 - SLIC List. SLIC REG 8 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. Sacramento Co. CS - Toxic Site Clean-Up List. SLIC REG 9 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SAN DIEGO CO. SAM - Environmental Case Listing. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land.

State/Tribal Tanks: UST Active UST facilities gathered from the local regulatory agencies UST - Active UST Facilities AST - Aboveground Petroleum Storage Tank Facilities. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R1 - Underground Storage Tanks on Indian Land.

State/Tribal VCP: VCP 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. VCP - Voluntary Cleanup Program Properties

Database Descriptions

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

Other SWF: VENTURA CO. LF SAN DIEGO CO. LF - Solid Waste Facilities. CA LA LF - City of Los Angeles Landfills. LOS ANGELES CO. LF - List of Solid Waste Facilities. Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites. LOS ANGELES CO. LF - Inventory of Illegal Abandoned and Inactive Sites WMUDS/SWAT - Waste Management Unit Database.

Other Haz Sites: US CDL 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. US CDL - Clandestine Drug Labs SCH - School Property Evaluation Program. SAN DIEGO CO. HMMD - Hazardous Materials Management Division Database.

Other Tanks: CA FID UST 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. CA FID UST - Facility Inventory Database ALAMEDA CO. UST - Underground Tanks. KERN CO. UST - Underground Storage Tank Sites & Tank Listing. MARIN CO. UST - Underground Storage Tank Sites. NAPA CO. UST - Closed and Operating Underground Storage Tank Sites. ORANGE CO. UST - List of Underground Storage Tank Facilities. RIVERSIDE CO. UST - Underground Storage Tank Tank List. SAN FRANCISCO CO. UST - Underground Storage Tank Information. SOLANO CO. UST - Underground Storage Tanks. SUTTER CO. UST - Underground Storage Tanks. VENTURA CO. UST - Underground Tank Closed Sites List. YOLO CO. UST - Underground Storage Tank Comprehensive Facility Report. EL SEGUNDO UST - City of El Segundo Underground Storage Tank. LONG BEACH UST - City of Long Beach Underground Storage Tank. UST SAN JOAQUIN - San Joaquin Co. UST. UST MENDOCINO - Mendocino County UST Database. TORRANCE UST - City of Torrance Underground Storage Tank. SWEEPS UST - SWEEPS UST Listing.

Local Land Records: DEED 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. DEED - Deed Restriction Listing

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System CHMIRS - California Hazardous Material Incident Report System. Orange Co. Industrial Site - List of Industrial Site Cleanups. SPILLS 90 - SPILLS90 data from FirstSearch.

Database Descriptions

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators TRIS - Toxic Chemical Release Inventory System. TSCA - Toxic Substances Control Act. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). SSTS - Section 7 Tracking Systems. ICIS - Integrated Compliance Information System. PADS - PCB Activity Database System. MLTS - Material Licensing Tracking System. RADINFO - Radiation Information Database. FINDS - Facility Index System/Facility Registry System. RAATS - RCRA Administrative Action Tracking System. BRS - Biennial Reporting System. CORTESE - "Cortese" Hazardous Waste & Substances Sites List. CUPA - CUPA Resources List. CUPA IMPERIAL - CUPA Facility List. CUPA MONO - CUPA Facility List. CUPA SANTA BARBARA - CUPA Facility Listing. CUPA MONTEREY - CUPA Facility Listing. CUPA SANTA CRUZ - CUPA Facility List. CUPA MERCED - CUPA Facility List. CUPA SAN LUIS OBISPO - CUPA Facility List. CUPA SHASTA - CUPA Facility List. CUPA HUMBOLDT - CUPA Facility List. CUPA INYO - CUPA Facility List. CUPA FRESNO - CUPA Resources List. CUPA DEL NORTE - CUPA Facility List. CUPA SONOMA - Cupa Facility List. CUPA TUOLUMNE - CUPA Facility List. CUPA LAKE - CUPA Facility List. CUPA SANTA CLARA - Cupa Facility List. CUPA CALVERAS - CUPA Facility Listing. CUPA AMADOR - CUPA Facility List. CUPA KINGS - CUPA Facility List. CUPA MADERA - CUPA Facility List. CUPA NEVADA - CUPA Facility List. CUPA BUTTE - CUPA Facility Listing. CUPA COLUSA - CUPA Facility List. CUPA YUBA - CUPA Facility List. CUPA EL DORADO - CUPA Facility List. LA Co. Site Mitigation - Site Mitigation List. Sacramento Co. ML - Master Hazardous Materials Facility List. San Bern. Co. Permit - Hazardous Material Permits. HAZNET - Facility and Manifest Data. INDIAN RESERV - Indian Reservations. FEDLAND - Federal and Indian Lands. WDS - Waste Discharge System. LEAD SMELTER 2 - Lead Smelter Sites. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data. PRP - Potentially Responsible Parties. LEAD SMELTER 1 - Lead Smelter Sites.

Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal NPL: Department of Toxic Substances Control

Updated Quarterly

State/Tribal CERCLIS: Department of Toxic Substances Control

Updated Quarterly

State/Tribal SWL: Department of Resources Recycling and Recovery

Updated Quarterly

State/Tribal LTANKS: California Regional Water Quality Control Board Victorville Branch Office (6)

No Update Planned

Database Sources

State/Tribal Tanks: SWRCB

Updated Semi-Annually

State/Tribal VCP: Department of Toxic Substances Control

Updated Quarterly

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other SWF: Environmental Health Division

Updated Annually

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Other Tanks: California Environmental Protection Agency

No Update Planned

Local Land Records: Department of Toxic Substances Control

Updated Semi-Annually

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

Street Name Report for Streets near the Target Property

Target Property: 935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE
BURLINGAME, CA 94010

JOB: 37348

Street Name	Dist/Dir	Street Name	Dist/Dir
Alpine Ave	0.22 SE		
Azalea Ave	0.08 SSE		
Cadillac Way	0.22 WNW		
California Dr	0.13 SSW		
Carmelita Ave	0.22 West		
Carolan Ave	0.09 SSW		
Chula Vista Ave	0.18 SSW		
Driveway	0.25 North		
Edgehill Dr	0.23 SSE		
Laguna Ave	0.24 SSW		
Larkspur Dr	0.17 SE		
Linden Ave	0.07 ESE		
Majilla Ave	0.15 South		
Morrell Ave	0.22 SE		
Ramp	0.07 North		
Rollins Rd	0.04 NNE		
Rose Ct	0.17 ESE		
Sanchez Ave	0.14 SW		
Toyon Dr	0.07 ESE		
US Hwy 101	0.05 NNE		

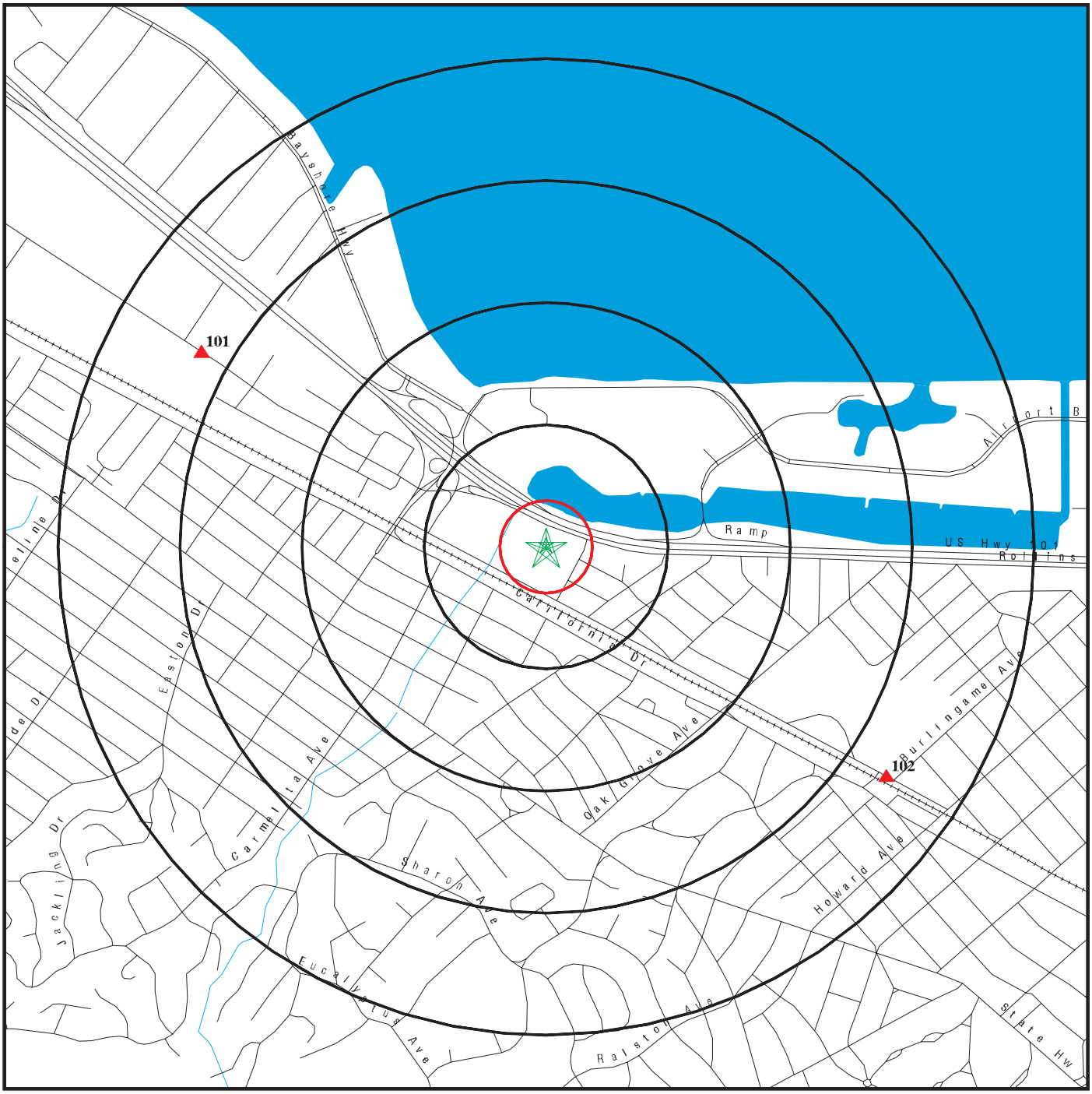
Environmental FirstSearch

1.000 Mile Radius

ASTM MAP: NPL, RCRACOR, STATES Sites

EDR® Environmental Data Resources Inc

935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE BURLINGAME, CA 94010



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 37.5872 Longitude: 122.3576)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR internal use only): 3612478.2s

Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

13-05-21.15:41:47.Tue

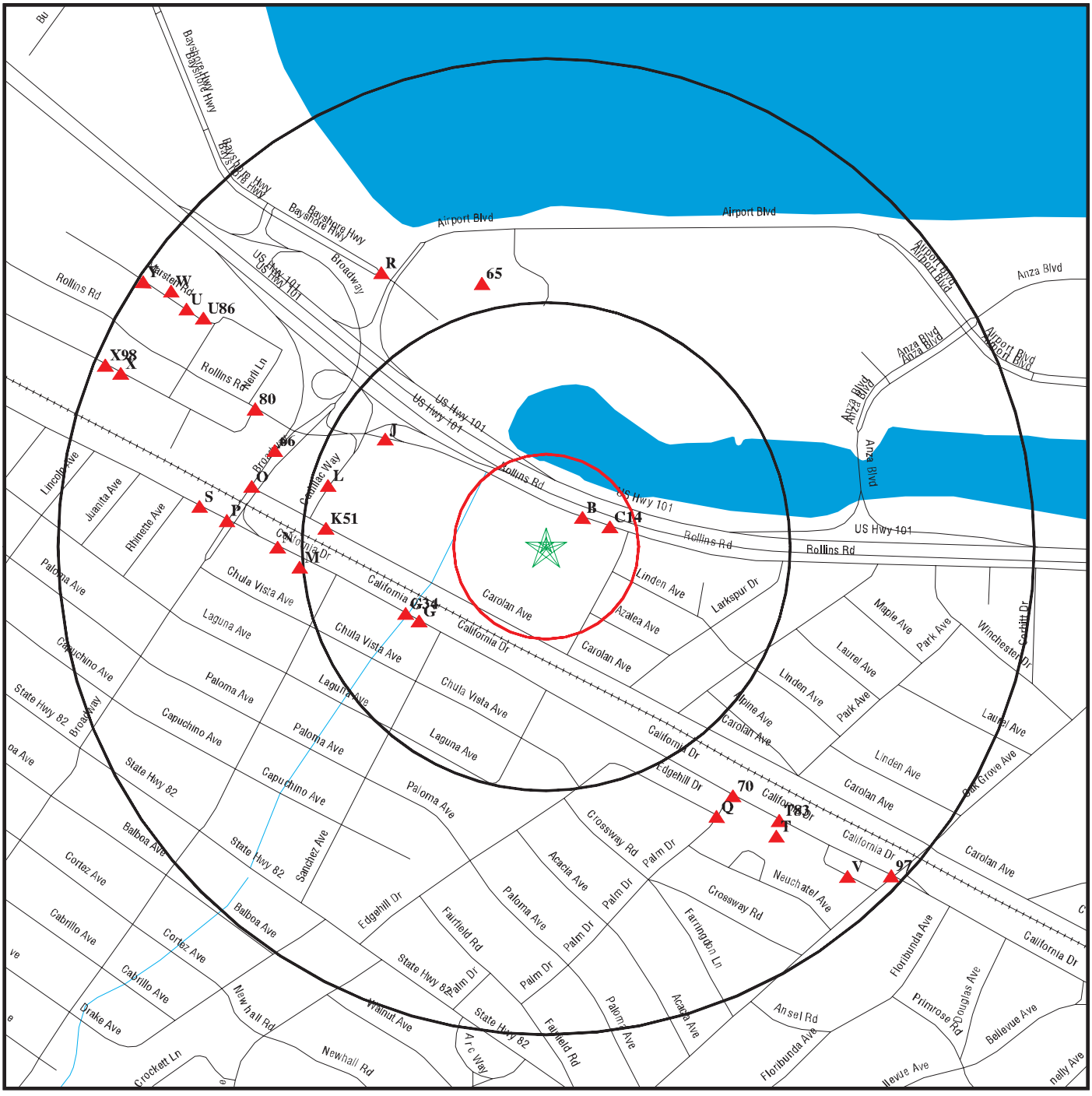
Environmental FirstSearch

0.500 Mile Radius

ASTM MAP: CERCLIS, RCRATSD, LUST, SWL

EDR® Environmental Data Resources Inc

935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE BURLINGAME, CA 94010



Black Rings Represent Qtr. Mile Radius; **Red Ring Represents 500 ft. Radius**

★ **Target Property (Latitude: 37.5872 Longitude: 122.3576)**

▲ **Identified Sites**

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR internal use only): 3612478.2s
Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.
13-05-21.15:42:39.Tue

Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

EDR® Environmental Data Resources Inc

935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE BURLINGAME, CA 94010

Black Rings Represent Qtr. Mile Radius; **Red Ring Represents 500 ft. Radius**

★ **Target Property (Latitude: 37.5872 Longitude: 122.3576)**

▲ **Identified Sites**

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR Internal use only): 3612478.2s
Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.
13-05-21.15:44:05.Tue

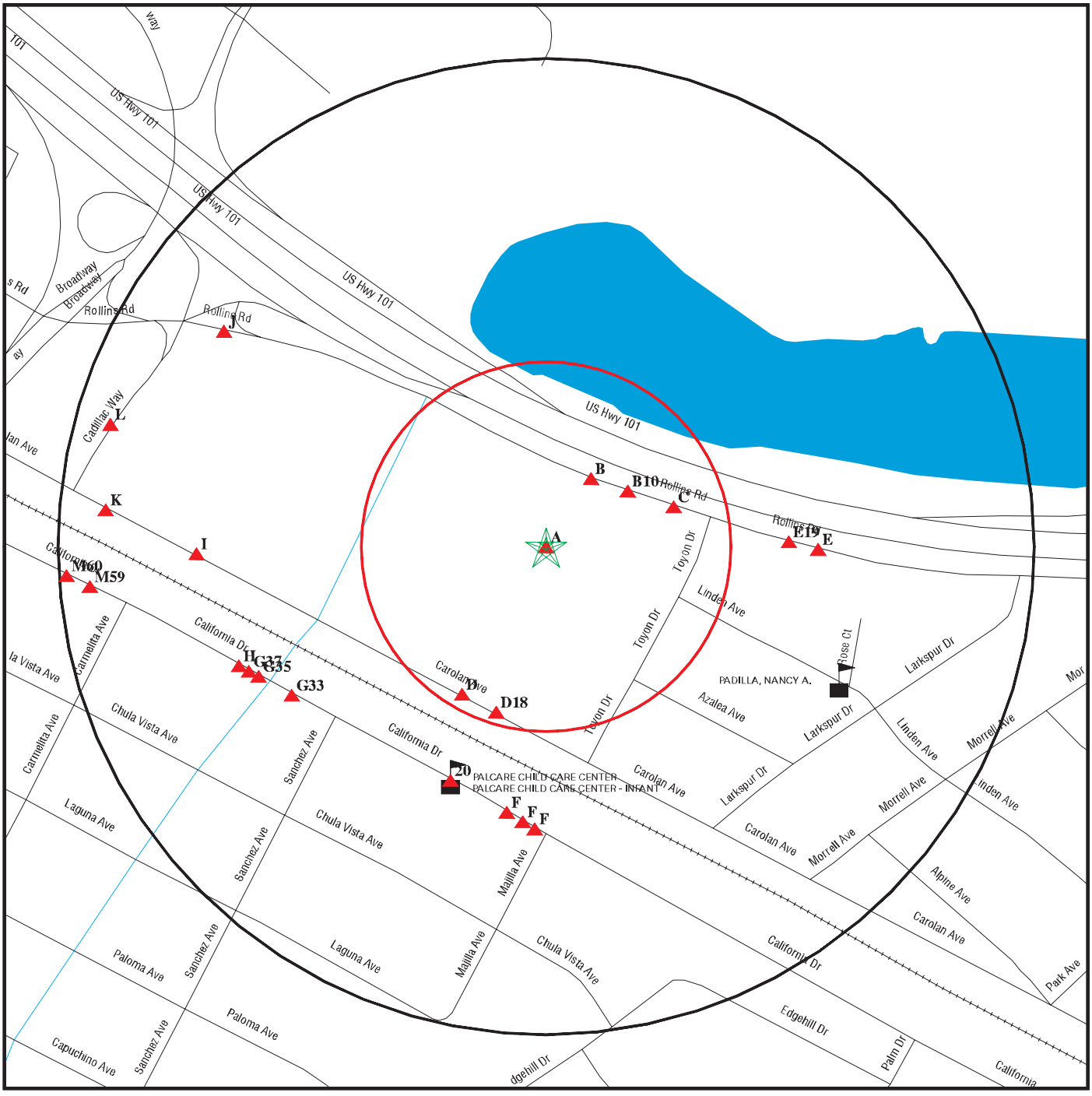
Environmental FirstSearch

0.25 Mile Radius

Non ASTM Map, Spills, FINDS

EDR® Environmental Data Resources Inc

935 ROLLINS ROAD & 1008-1016 CAROLAN AVENUE BURLINGAME, CA 94010



Black Rings Represent Qtr. Mile Radius; **Red Ring Represents 500 ft. Radius**

★ **Target Property (Latitude: 37.5872 Longitude: 122.3576)**

▲ **Identified Sites**

Sensitive Receptors

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR Internal use only): 3612478.2s
Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.
13-05-21.15:44:59.Tue

APPENDIX C

HISTORICAL SOURCES

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1943

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1946

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1956

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1968

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1974

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1982

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1993

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 1998

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 2005

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 2009

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 2010

Project Number: 319450

AEI Consultants

AERIAL PHOTOGRAPH

1007-1025 Rollins Road & 1008-1020 Carolan Avenue, Burlingame, California 94010

N

Approximate Property Boundary

Year: 2012

Project Number: 319450

AEI Consultants

319450

935 Rollins Road & 1008-1016 Carolan Avenue

Burlingame, CA 94010

Inquiry Number: 3612478.3

May 22, 2013

FirstSearch Fire Insurance Map Abstract Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

FIRE INSURANCE MAP ABSTRACT RESEARCH RESULTS 5/22/13

Site Name:
319450
935 Rollins Road & 1008-1016
Burlingame, CA 94010

Client Name:
AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597

EDR Inquiry # 3612478.3

Contact: Karina

Selected volumes from the Sanborn Library collection have been searched by EDR, and fire insurance maps covering the target property location provided by AEI Consultants were identified for the years listed below.

Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Search Results

Site Name: 319450
Address: 935 Rollins Road & 1008-1016 Carolan
City, State, Zip: Burlingame, CA 94010
Cross Street:
P.O. # 37348
Project: 319450

Maps Provided:

1970
1959
1949
1946

The complete Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns.

Collections Searched in this report:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

Limited License Terms

AEI Consultants (the client) is permitted to use this Sanborn Map transmittal and each fire insurance map accompanying this report solely for its internal use and the client is not licenced to reproduce this report for redistribution.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Summary

This Sanborn Search is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets

Volume 1, Sheet 44

Volume 1, Sheet 46

1959 Source Sheets

Volume 1, Sheet 44

Volume 1, Sheet 46

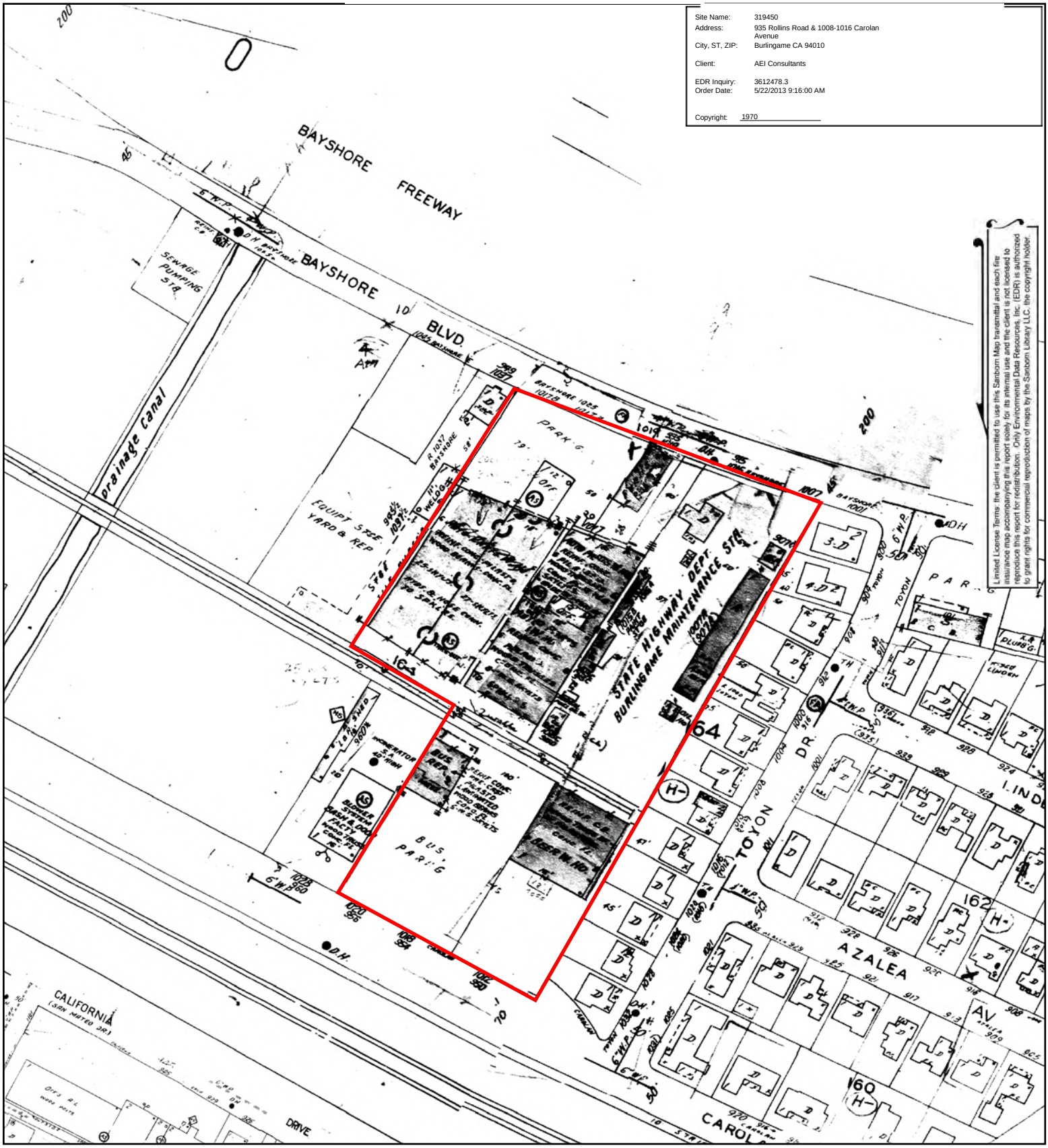
1949 Source Sheets

Volume 1, Sheet 44

1946 Source Sheets

Volume 1, Sheet 44

1970

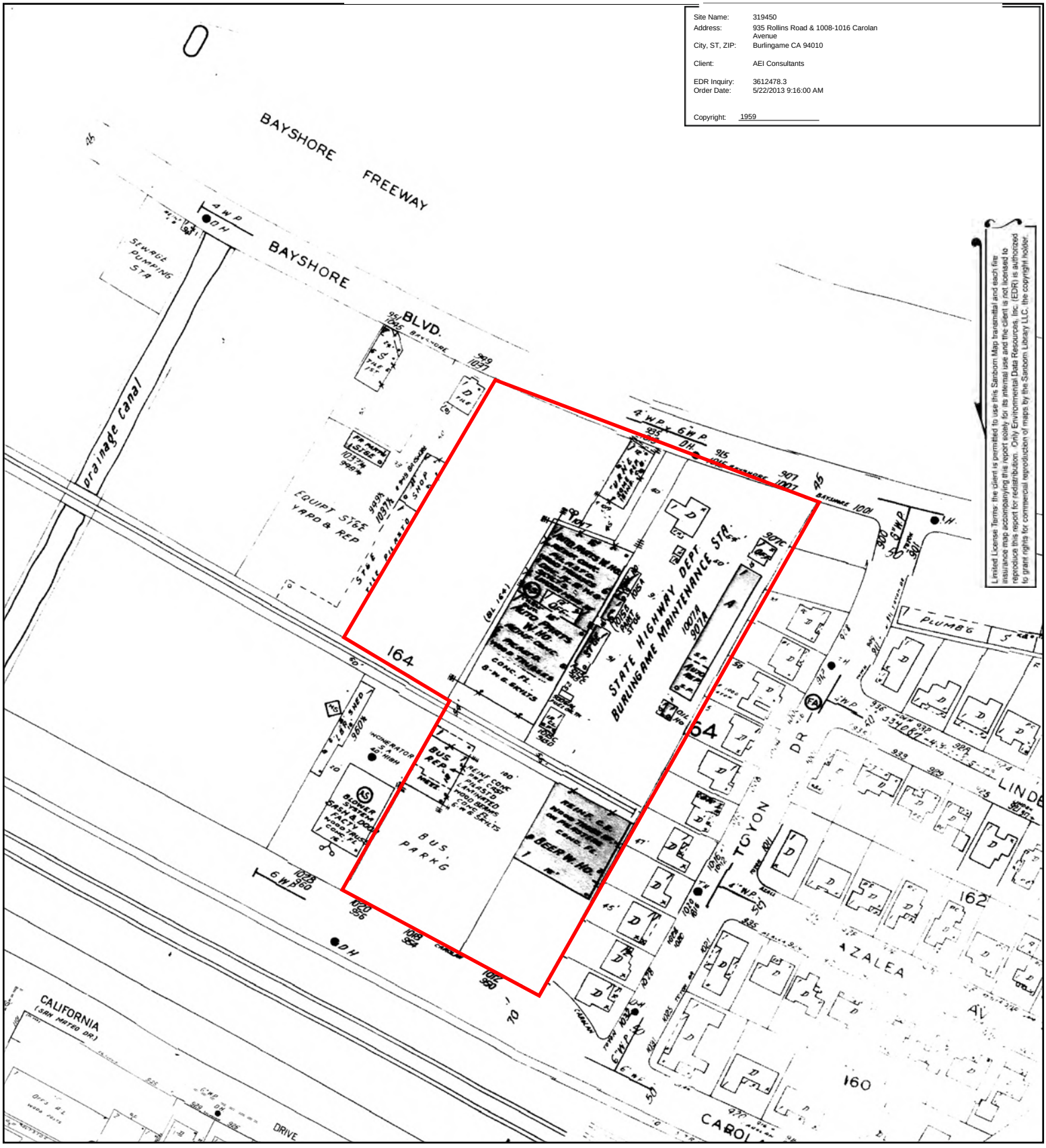


0 Feet 150 300 600

N

1959

Site Name:	319450
Address:	935 Rollins Road & 1008-1016 Carolan Avenue
City, ST, ZIP:	Burlingame CA 94010
Client:	AEI Consultants
EDR Inquiry:	3612478.3
Order Date:	5/22/2013 9:16:00 AM
Copyright:	1959



Limited License Terms: the client is permitted to use this Sanborn Map transmittal and each fire insurance map accompanying this report solely for its internal use and the client is not licensed to reproduce this report for redistribution. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder.

0 Feet 150 300 600

N

1949

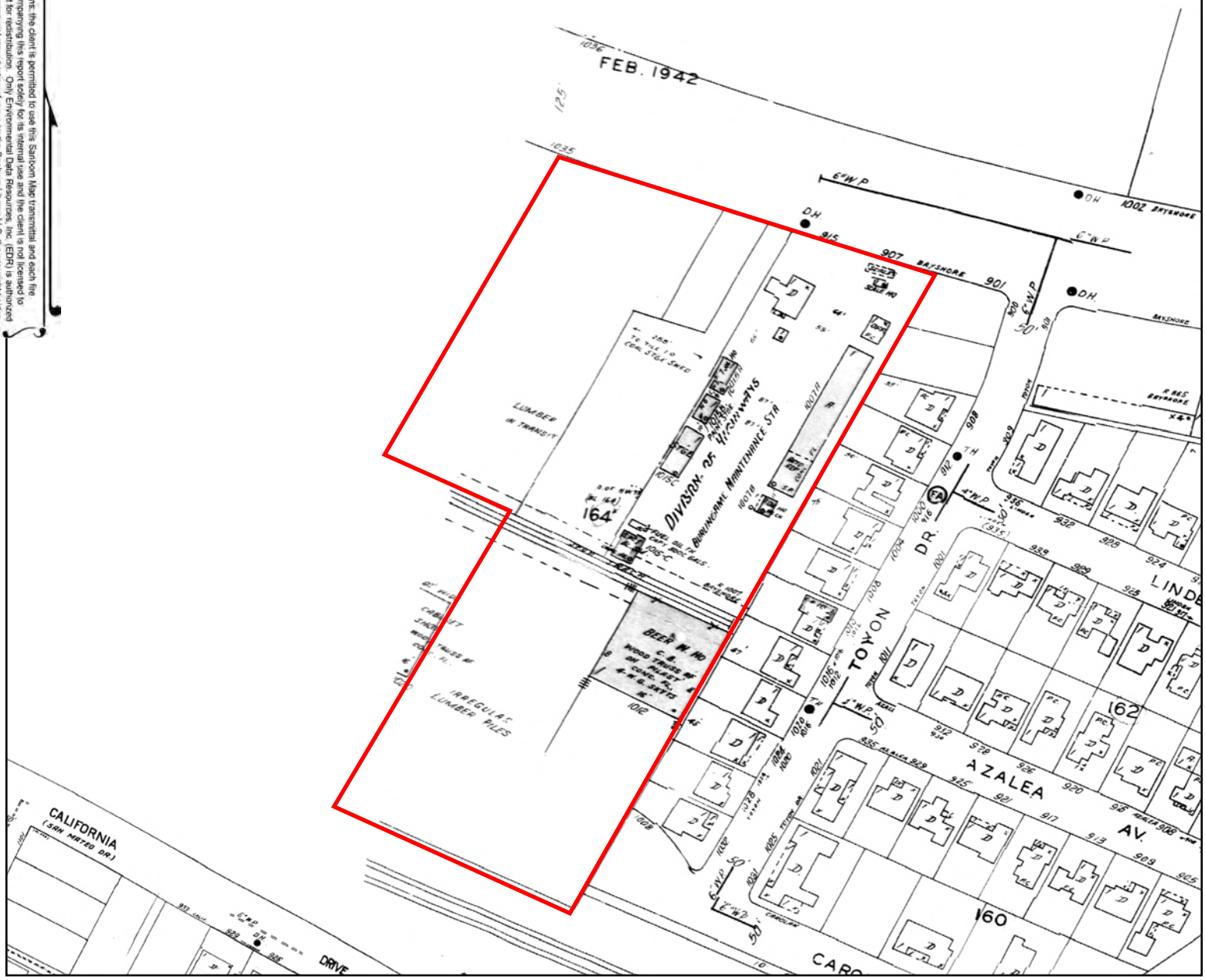
Site Name: 319450
Address: 935 Rollins Road & 1008-1016 Carolan Avenue
City, ST, ZIP: Burlingame CA 94010

Client: AEI Consultants

EDR Inquiry: 3612478.3
Order Date: 5/22/2013 9:16:00 AM

Copyright: 1949

Limited License Terms: the client is permitted to use this Sanborn Map transmittal and each fire insurance map accompanying this report solely for its internal use and the client is not licensed to reproduce this report for redistribution. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder.



0 Feet 150 300 600

N

1946

Site Name: 319450
Address: 935 Rollins Road & 1008-1016 Carolan Avenue
City, ST, ZIP: Burlingame CA 94010

Client: AEI Consultants

EDR Inquiry: 3612478.3
Order Date: 5/22/2013 9:16:00 AM

Copyright: 1946

Limited License Terms: the client is permitted to use this Sanborn Map transmittal and each fire insurance map accompanying this report solely for its internal use and the client is not licensed to reproduce this report for redistribution. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder.

0 Feet 150 300 600

N

APPENDIX D

REGULATORY AGENCY RECORDS

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

JUN 2 2 1999

RECEIVED

INVESTIGATION OF MOTOR OIL LINE AND REMOVAL OF IMPACTED SOIL

1007 ROLLINS ROAD
BURLINGAME, CALIFORNIA
December 21, 1998
For
LES VOGEL DODGE

PREPARED BY

E_2C, INC.
CIVIC CENTER TOWER
675 NORTH FIRST STREET, FIFTH FLOOR
SAN JOSE, CALIFORNIA

E2C INC.

Environmental/Engineering Consultants

December 21, 1998
Job No. 9430100

Les Vogel Dodge
1007 Rollins Road
Burlingame, CA 94010

ATTN: Mr. Phil Vogel
SUBJECT: **INVESTIGATION OF MOTOR OIL LINE AND REMOVAL OF IMPACTED SOIL**
1007 Rollins Road
Burlingame, California

Dear Mr. Vogel:

In accordance with the requirements of the San Mateo County Health Services Agency (SMCHSA) and your authorization, E_2C, Inc. has completed an Investigation of the leaking Motor Oil Line and Removal of Impacted Soil at the above-referenced site.

The attached report documents the performance and findings of these activities. Should you have any questions or require supplemental information, please do not hesitate to contact us.

Sincerely,

Brenda D. McNabb, REA
Senior Project Manager

Kendall W. Price, CEG/REA
President

Civic Center Tower • 675 North First Street, Suite 500 • San Jose, CA 95112-5111 • (408) 286-6300 • FAX (408) 286-6333

TABLE OF CONTENTS

FIGURES AND APPENDICES

1.0 INTRODUCTION

E_2C, Inc. has completed an investigation of a leaking motor oil line and removal of related impacted soil at 1007 Rollins Road in Burlingame, California. This investigation and remedial action included the collection of soil and grab groundwater samples and the off-hauling and disposal of motor oil-impacted soil. This report has been prepared for submittal to the San Mateo County Health Services Agency (SMCHSA).

1.1 Site Location

The site is located on Rollins Road, approximately 100 feet south of Highway 101 in Burlingame, California (see Figure 1). The site is occupied by a car sales dealership and associated vehicle servicing facility.

1.2 Site Geology and Hydrology

The site is located in the baylands area of the San Francisco Bay region. During excavation operations, the soils encountered consisted of sandy, silty clays. Groundwater was encountered at a depth of approximately 12 feet on October 13, 1998. Regional groundwater flow direction is estimated to be northerly, towards San Francisco Bay.

2.0 BACKGROUND

In response to the observance of oil coming up from a crack in the asphalt driveway in the area just above an underground motor oil line, E_2C, Inc. was called to the site on October 14, 1997. The motor oil line was observed to extend from a 500-gallon aboveground motor oil tank (located in a storage building adjacent to the driveway) beneath the driveway and into the car Servicing Building (see Figure 2). The only portion of the line that was situated underground was the section that extended beneath the driveway. The motor oil was dispensed within the Servicing Building during normal business operations.

Based on the observed oil, it was determined that excavation of the line should be conducted. These activities and subsequent soil sampling and soil removal are described in the report.

3.0 SCOPE OF WORK

The Scope of Work performed included the following activities:

- Removal of the overlying paving and soil to expose the suspect line.
- Temporary repair of the noted breach in the motor oil line.
- Excavation of soils beneath the line to a depth of approximately 8.5 feet.
- Collection of soil samples S1 through S4 from the walls and floor of this excavation and analysis for Total Recoverable Petroleum Hydrocarbons (TRPH) and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX).
- Removal of additional soil to an approximate depth of 12 feet.
- Collection of a confirmation soil sample (S5@12') from the floor of the excavation and a grab sample (W1@13') from standing groundwater at the bottom of the excavation.
- Analysis of the soil and grab groundwater samples for TRPH.
- Replacement of the breached oil line with a new, double-contained line.
- Disposal of the soil at a Class II sanitary landfill.
- Backfill, compaction, and repaving of the area of excavation.
- Preparation of a technical report documenting these operations.

4.0 INVESTIGATION OF MOTOR OIL LINE AND REMOVAL OF SOIL

To facilitate inspection of the subsurface and the underlying motor oil line in the area of the noted oil on the pavement, the area was excavated by Clearwater Environmental Management, Inc. under the direction of E_2C, Inc. on October 14, and 15, 1997. On the afternoon of October 15, 1997, the apparent source of the oil, an approximate 1/4-inch diameter hole in the motor oil line, was discovered.

During excavation of the line (encountered at an approximate depth of 12 inches), it was noted that the fill materials above and below the line consisted of a combination of sand and a road base material containing angular 3/4-inch diameter aggregate. Normal utility trench construction includes the placement of sand backfill below and above a utility line. Upon discovery of the hole, a compression coupling was placed upon the breach to eliminate any further releases of oil.

4.1 Phase I of Excavation and Results of Soil Sampling

The excavation was then extended to a depth of approximately 4 feet on October 15, 1997, where soil sample #1@4.0' was collected and found to contain 2,100 parts per million (ppm) TRPH (see Figure 2). No BTEX compounds were detected in this sample.

Based on the level of TRPH detected at the 4-foot depth, the excavation was extended vertically to an approximate depth of 8.5 feet on October 28, 1997, and laterally to a dimension of approximately 10 feet by 20 feet. Confirmation soil samples #2@8.5', #3@4.0', and #4@2.5' were collected from the side-walls and floor of the excavation on October 28, 1998, under

the observation of Mr. Arnie Montenagni of the SMCHSA. The results of sample analyses are shown on Figure 2 and the Laboratory Reports are presented in Appendix A. In summary, soil sample #2, collected from an approximate depth of 8.5 feet in the bottom of the excavation, was found to contain 2,200 ppm TRPH. The two side wall samples (#3 and #4) were found to contain 52 and 800 ppm TRPH, respectively. Only trace levels of Toluene (0.007 ppm), Ethylbenzene (0.005 ppm), and Xylenes (0.005 and 0.013 ppm, respectively) were detected in samples #2 and #4.

4.2 Phase II of Excavation and Results of Soil Sampling

Based on these results, E_2C, Inc. recommended the removal of additional impacted soil from the bottom of the excavation. In consultation with Ms. Gail Lee of the SMCHSA, E_2C, Inc. also proposed that a grab groundwater sample be collected if groundwater was encountered during additional excavation operations. These proposed actions were presented within the E_2C, Inc. Work Plan, dated July 30, 1998, which was submitted to Ms. Lee and subsequently accepted.

On October 13, 1998, the excavation was extended to an approximate depth of 12 feet where a small amount of groundwater began to enter the excavation. To accommodate soil removal to 12 feet, the excavation was widened. This widening of the excavation was effective at removing an additional 18 inches of soil along the northern wall, which was formerly found to contain 800 ppm TRPH at the shallow depth of 2.5' (sample #4). E_2C, Inc. estimates that the remaining levels along the northern wall are well below 800 ppm due to the likely limited lateral migration of motor oil. No confirmation samples were collected along this extended wall. Any remaining TRPH will be subject to some degree of biological attenuation,

and will, therefore, diminish in concentration over time under the influence of natural mechanisms.

Upon extension of the excavation to approximately 12 feet, soil sample S5@12' and grab groundwater sample W1@13' were collected from the bottom of the excavation on October 13, 1998. The samples were analyzed for TRPH using EPA Test Method 5520. Sample S5@12' was found to contain 27 ppm TRPH, and sample W1@13' was found to contain <5.0 ppm TRPH (see Figure 2).

4.3 Sampling Methodologies

Soil samples were collected using the bucket of the backhoe. The first approximately 2-to-3 inches of soil were removed from the soil held within the bucket, just above the teeth. Clean, brass, sampling tubes were then hand-driven into the soil in a manner to diminish sample disturbance and limit potential headspace within the sample container. The ends of the tubes were then covered with Teflon sheeting followed by tight-fitting caps. The tubes were then labeled and stored on ice prior to, and during, transport to either APCL Laboratory of Chino, California, or Entech Analytical Labs, Inc. of Sunnyvale, California. Grab groundwater sample W1@13' was collected by dipping a 40ml VOA into the standing water in the excavation and placing the water within a 1-liter amber bottle.

4.4 Soil Disposal

All excavated soil was hauled to Altamont Landfill in Livermore, California, a Class II sanitary landfill facility. Copies of soil disposal documentation is presented in Appendix B.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of soil and grab groundwater sampling conducted, the following conclusions are made:

- The former 1-inch diameter, galvanized motor oil line was found to have a 1/4-inch hole that resulted in an unauthorized release of motor oil to the surrounding soils. The most heavily-impacted material existed immediately beneath the line and extended to an approximate depth of 8.5 feet.

- Impacted soil surrounding the line was excavated to a depth of approximately 12 feet, where the levels of TRPH were found to be 27 ppm.

- A grab groundwater sample collected from the bottom of the excavation (approxiamtely 13 feet) was found not to contain concentrations of TRPH above the laboratory detection limit.

- All removed soil was hauled to a class II sanitary landfill for disposal.

- The breached motor oil line was replaced by a double-contained line, and the excavated area was backfilled within clean imported fill materials and repaved.

Based on these cumulative results, E_2C, Inc. concludes that impacted soil was adequately removed and groundwater directly beneath the former line has not been impacted by this release of motor oil. Based on these conclusions, no further investigatory or remedial actions are recommended.

6.0 PROFESSIONAL CERTIFICATION AND LIMITATIONS

This report has been prepared by E_2C, Inc., under the professional supervision of the Principal whose seal and signature appears herein.

The Conclusions of this report are based solely on the Scope of Services outlined and the sources of information referenced in this report. Any additional information that becomes available concerning this site should be submitted to E_2C, Inc. so that our conclusions may be reviewed and modified, if necessary. This report was prepared for the sole use of Les Vogel Dodge and/or its agents.

Prepared by:

Brenda D. McNabb, REA
Senior Project Manager

Reviewed by:

Kendall W. Price, CEG/REA
President

Show only remaining one.

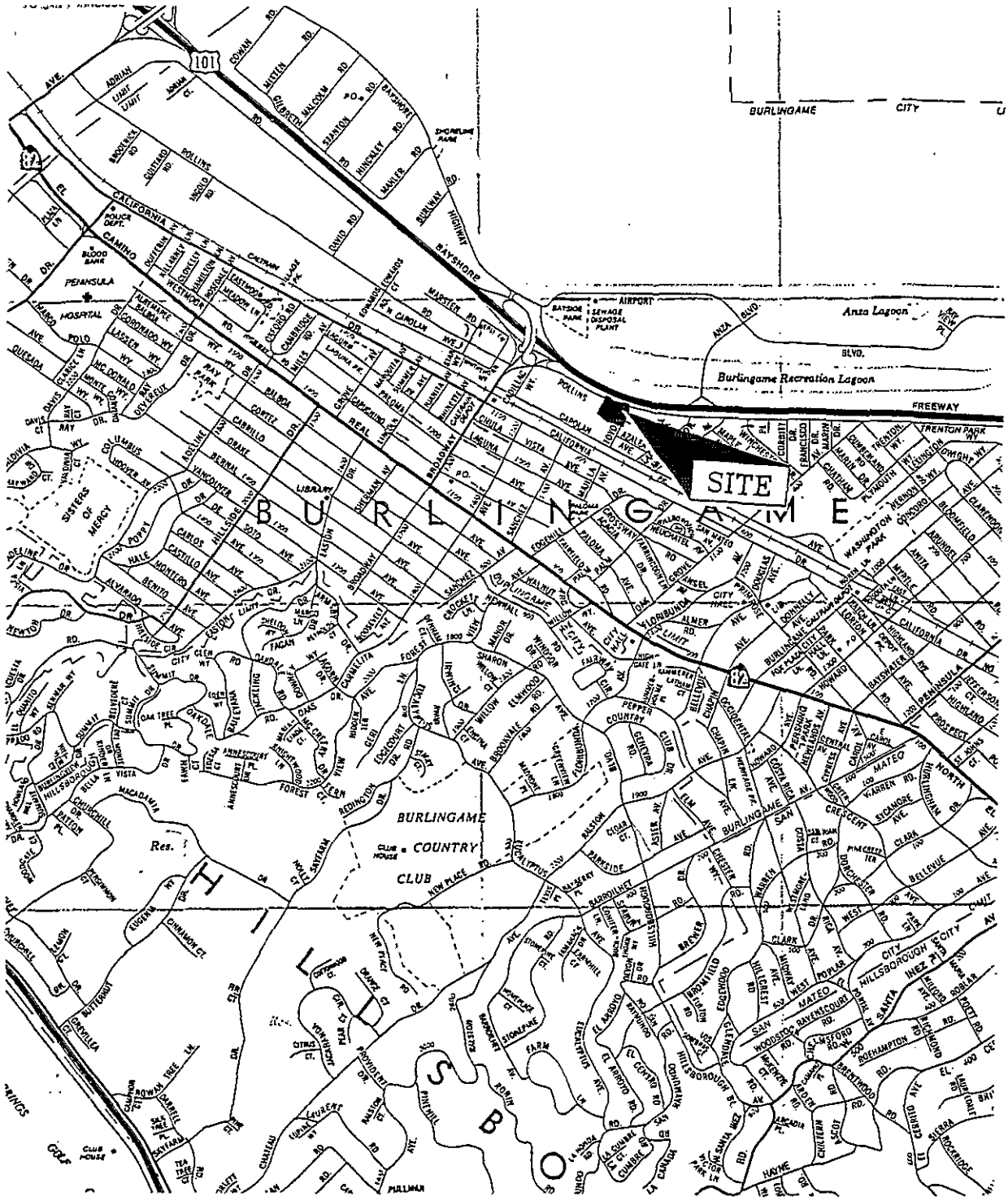


FIGURE 1 - SITE LOCATION MAP

Environmental/Engineering Consultants *Civic Center Tower* *675 North First Street, Suite 500* *San Jose, CA 95112*	Project Location 1007 Rollins Road Burlingame, California	Project no. 9430100

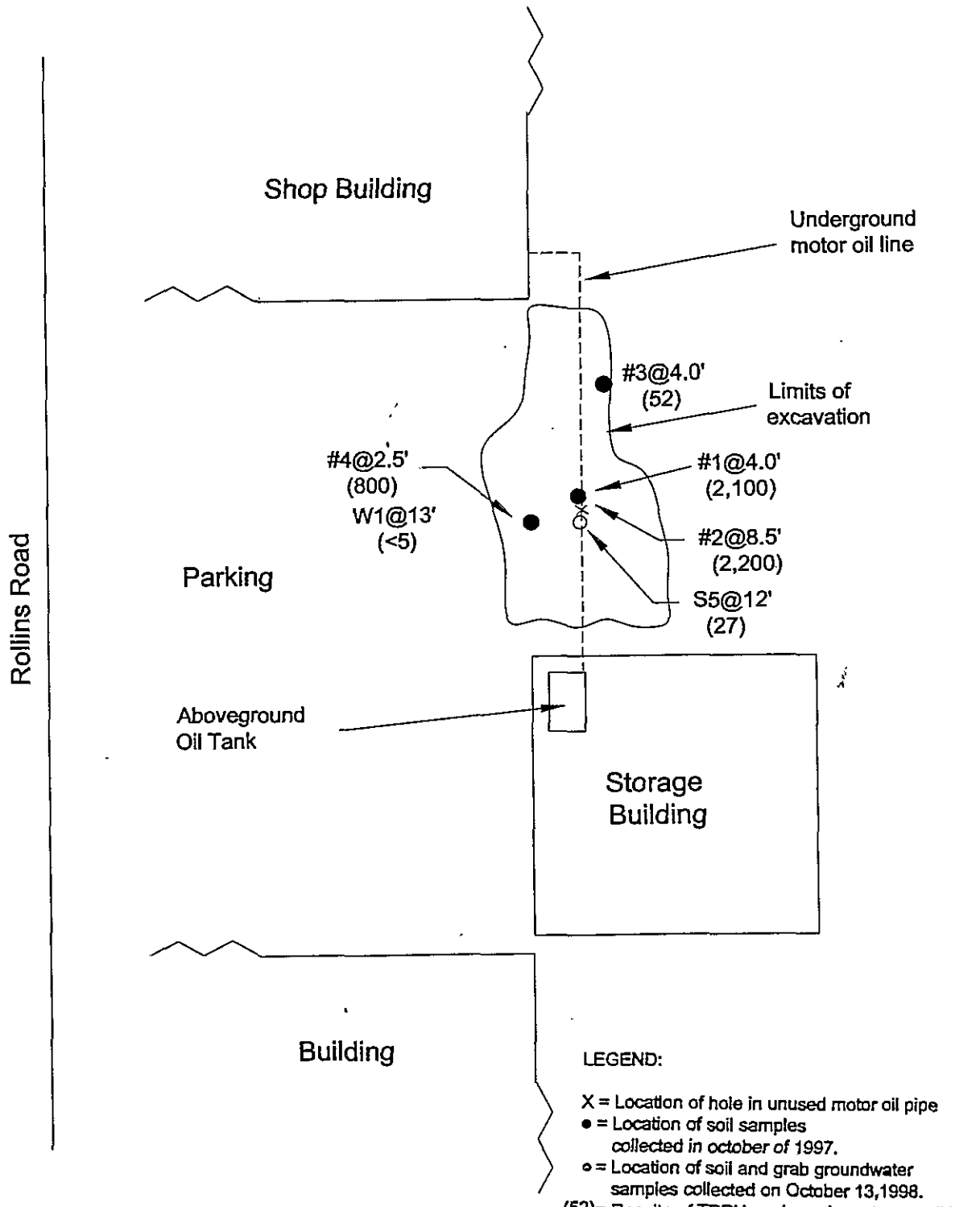


FIGURE 2 - SITE PLAN

Environmental/Engineering Consultants Civic Center Tower 675 North First Street, Suite 500 San Jose, CA 95112	Project Location 1007 Rollins Road Burlingame, California	Project no. 9430100	N

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
JUN 22 1999
RECEIVED

INVESTIGATION OF MOTOR OIL LINE AND REMOVAL OF IMPACTED SOIL

1007 ROLLINS ROAD
BURLINGAME, CALIFORNIA
December 21, 1998

For
LES VOGEL DODGE

PREPARED BY

E_2C, INC.
CIVIC CENTER TOWER
675 NORTH FIRST STREET, FIFTH FLOOR
SAN JOSE, CALIFORNIA

E2C INC.

Environmental/Engineering Consultants

December 21, 1998
Job No. 9430100

Les Vogel Dodge
1007 Rollins Road
Burlingame, CA 94010

ATTN: Mr. Phil Vogel
SUBJECT: **INVESTIGATION OF MOTOR OIL LINE AND REMOVAL OF IMPACTED SOIL**
1007 Rollins Road
Burlingame, California

Dear Mr. Vogel:

In accordance with the requirements of the San Mateo County Health Services Agency (SMCHSA) and your authorization, E_2C, Inc. has completed an Investigation of the leaking Motor Oil Line and Removal of Impacted Soil at the above-referenced site.

The attached report documents the performance and findings of these activities. Should you have any questions or require supplemental information, please do not hesitate to contact us.

Sincerely,

Brenda D. McNabb, REA
Senior Project Manager

Kendall W. Price, CEG/REA
President

Civic Center Tower • 675 North First Street, Suite 500 • San Jose, CA 95112-5111 • (408) 286-6300 • FAX (408) 286-6333

TABLE OF CONTENTS

FIGURES AND APPENDICES

1.0 INTRODUCTION

E_2C, Inc. has completed an investigation of a leaking motor oil line and removal of related impacted soil at 1007 Rollins Road in Burlingame, California. This investigation and remedial action included the collection of soil and grab groundwater samples and the off-hauling and disposal of motor oil-impacted soil. This report has been prepared for submittal to the San Mateo County Health Services Agency (SMCHSA).

1.1 Site Location

The site is located on Rollins Road, approximately 100 feet south of Highway 101 in Burlingame, California (see Figure 1). The site is occupied by a car sales dealership and associated vehicle servicing facility.

1.2 Site Geology and Hydrology

The site is located in the baylands area of the San Francisco Bay region. During excavation operations, the soils encountered consisted of sandy, silty clays. Groundwater was encountered at a depth of approximately 12 feet on October 13, 1998. Regional groundwater flow direction is estimated to be northerly, towards San Francisco Bay.

2.0 BACKGROUND

In response to the observance of oil coming up from a crack in the asphalt driveway in the area just above an underground motor oil line, E_2C, Inc. was called to the site on October 14, 1997. The motor oil line was observed to extend from a 500-gallon aboveground motor oil tank (located in a storage building adjacent to the driveway) beneath the driveway and into the car Servicing Building (see Figure 2). The only portion of the line that was situated underground was the section that extended beneath the driveway. The motor oil was dispensed within the Servicing Building during normal business operations.

Based on the observed oil, it was determined that excavation of the line should be conducted. These activities and subsequent soil sampling and soil removal are described in the report.

3.0 SCOPE OF WORK

The Scope of Work performed included the following activities:

- Removal of the overlying paving and soil to expose the suspect line.
- Temporary repair of the noted breach in the motor oil line.
- Excavation of soils beneath the line to a depth of approximately 8.5 feet.
- Collection of soil samples S1 through S4 from the walls and floor of this excavation and analysis for Total Recoverable Petroleum Hydrocarbons (TRPH) and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX).
- Removal of additional soil to an approximate depth of 12 feet.
- Collection of a confirmation soil sample (S5@12') from the floor of the excavation and a grab sample (W1@13') from standing groundwater at the bottom of the excavation.
- Analysis of the soil and grab groundwater samples for TRPH.
- Replacement of the breached oil line with a new, double-contained line.
- Disposal of the soil at a Class II sanitary landfill.
- Backfill, compaction, and repaving of the area of excavation.
- Preparation of a technical report documenting these operations.

4.0 INVESTIGATION OF MOTOR OIL LINE AND REMOVAL OF SOIL

To facilitate inspection of the subsurface and the underlying motor oil line in the area of the noted oil on the pavement, the area was excavated by Clearwater Environmental Management, Inc. under the direction of E_2C, Inc. on October 14, and 15, 1997. On the afternoon of October 15, 1997, the apparent source of the oil, an approximate 1/4-inch diameter hole in the motor oil line, was discovered.

During excavation of the line (encountered at an approximate depth of 12 inches), it was noted that the fill materials above and below the line consisted of a combination of sand and a road base material containing angular 3/4-inch diameter aggregate. Normal utility trench construction includes the placement of sand backfill below and above a utility line. Upon discovery of the hole, a compression coupling was placed upon the breach to eliminate any further releases of oil.

4.1 Phase I of Excavation and Results of Soil Sampling

The excavation was then extended to a depth of approximately 4 feet on October 15, 1997, where soil sample #1@4.0' was collected and found to contain 2,100 parts per million (ppm) TRPH (see Figure 2). No BTEX compounds were detected in this sample.

Based on the level of TRPH detected at the 4-foot depth, the excavation was extended vertically to an approximate depth of 8.5 feet on October 28, 1997, and laterally to a dimension of approximately 10 feet by 20 feet. Confirmation soil samples #2@8.5', #3@4.0', and #4@2.5' were collected from the side-walls and floor of the excavation on October 28, 1998, under

the observation of Mr. Arnie Montenagni of the SMCHSA. The results of sample analyses are shown on Figure 2 and the Laboratory Reports are presented in Appendix A. In summary, soil sample #2, collected from an approximate depth of 8.5 feet in the bottom of the excavation, was found to contain 2,200 ppm TRPH. The two side wall samples (#3 and #4) were found to contain 52 and 800 ppm TRPH, respectively. Only trace levels of Toluene (0.007 ppm), Ethylbenzene (0.005 ppm), and Xylenes (0.005 and 0.013 ppm, respectively) were detected in samples #2 and #4.

4.2 Phase II of Excavation and Results of Soil Sampling

Based on these results, E_2C, Inc. recommended the removal of additional impacted soil from the bottom of the excavation. In consultation with Ms. Gail Lee of the SMCHSA, E_2C, Inc. also proposed that a grab groundwater sample be collected if groundwater was encountered during additional excavation operations. These proposed actions were presented within the E_2C, Inc. Work Plan, dated July 30, 1998, which was submitted to Ms. Lee and subsequently accepted.

On October 13, 1998, the excavation was extended to an approximate depth of 12 feet where a small amount of groundwater began to enter the excavation. To accommodate soil removal to 12 feet, the excavation was widened. This widening of the excavation was effective at removing an additional 18 inches of soil along the northern wall, which was formerly found to contain 800 ppm TRPH at the shallow depth of 2.5' (sample #4). E_2C, Inc. estimates that the remaining levels along the northern wall are well below 800 ppm due to the likely limited lateral migration of motor oil. No confirmation samples were collected along this extended wall. Any remaining TRPH will be subject to some degree of biological attenuation,

and will, therefore, diminish in concentration over time under the influence of natural mechanisms.

Upon extension of the excavation to approximately 12 feet, soil sample S5@12' and grab groundwater sample W1@13' were collected from the bottom of the excavation on October 13, 1998. The samples were analyzed for TRPH using EPA Test Method 5520. Sample S5@12' was found to contain 27 ppm TRPH, and sample W1@13' was found to contain <5.0 ppm TRPH (see Figure 2).

4.3 Sampling Methodologies

Soil samples were collected using the bucket of the backhoe. The first approximately 2-to-3 inches of soil were removed from the soil held within the bucket, just above the teeth. Clean, brass, sampling tubes were then hand-driven into the soil in a manner to diminish sample disturbance and limit potential headspace within the sample container. The ends of the tubes were then covered with Teflon sheeting followed by tight-fitting caps. The tubes were then labeled and stored on ice prior to, and during, transport to either APCL Laboratory of Chino, California, or Entech Analytical Labs, Inc. of Sunnyvale, California. Grab groundwater sample W1@13' was collected by dipping a 40ml VOA into the standing water in the excavation and placing the water within a 1-liter amber bottle.

4.4 Soil Disposal

All excavated soil was hauled to Altamont Landfill in Livermore, California, a Class II sanitary landfill facility. Copies of soil disposal documentation is presented in Appendix B.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of soil and grab groundwater sampling conducted, the following conclusions are made:

- The former 1-inch diameter, galvanized motor oil line was found to have a 1/4-inch hole that resulted in an unauthorized release of motor oil to the surrounding soils. The most heavily-impacted material existed immediately beneath the line and extended to an approximate depth of 8.5 feet.

- Impacted soil surrounding the line was excavated to a depth of approximately 12 feet, where the levels of TRPH were found to be 27 ppm.

- A grab groundwater sample collected from the bottom of the excavation (approxiamtely 13 feet) was found not to contain concentrations of TRPH above the laboratory detection limit.

- All removed soil was hauled to a class II sanitary landfill for disposal.

- The breached motor oil line was replaced by a double-contained line, and the excavated area was backfilled within clean imported fill materials and repaved.

Based on these cumulative results, E_2C, Inc. concludes that impacted soil was adequately removed and groundwater directly beneath the former line has not been impacted by this release of motor oil. Based on these conclusions, no further investigatory or remedial actions are recommended.

6.0 PROFESSIONAL CERTIFICATION AND LIMITATIONS

This report has been prepared by E_2C, Inc., under the professional supervision of the Principal whose seal and signature appears herein.

The Conclusions of this report are based solely on the Scope of Services outlined and the sources of information referenced in this report. Any additional information that becomes available concerning this site should be submitted to E_2C, Inc. so that our conclusions may be reviewed and modified, if necessary. This report was prepared for the sole use of Les Vogel Dodge and/or its agents.

Prepared by:

Brenda D. McNabb, REA
Senior Project Manager

Reviewed by:

Kendall W. Price, CEG/REA
President

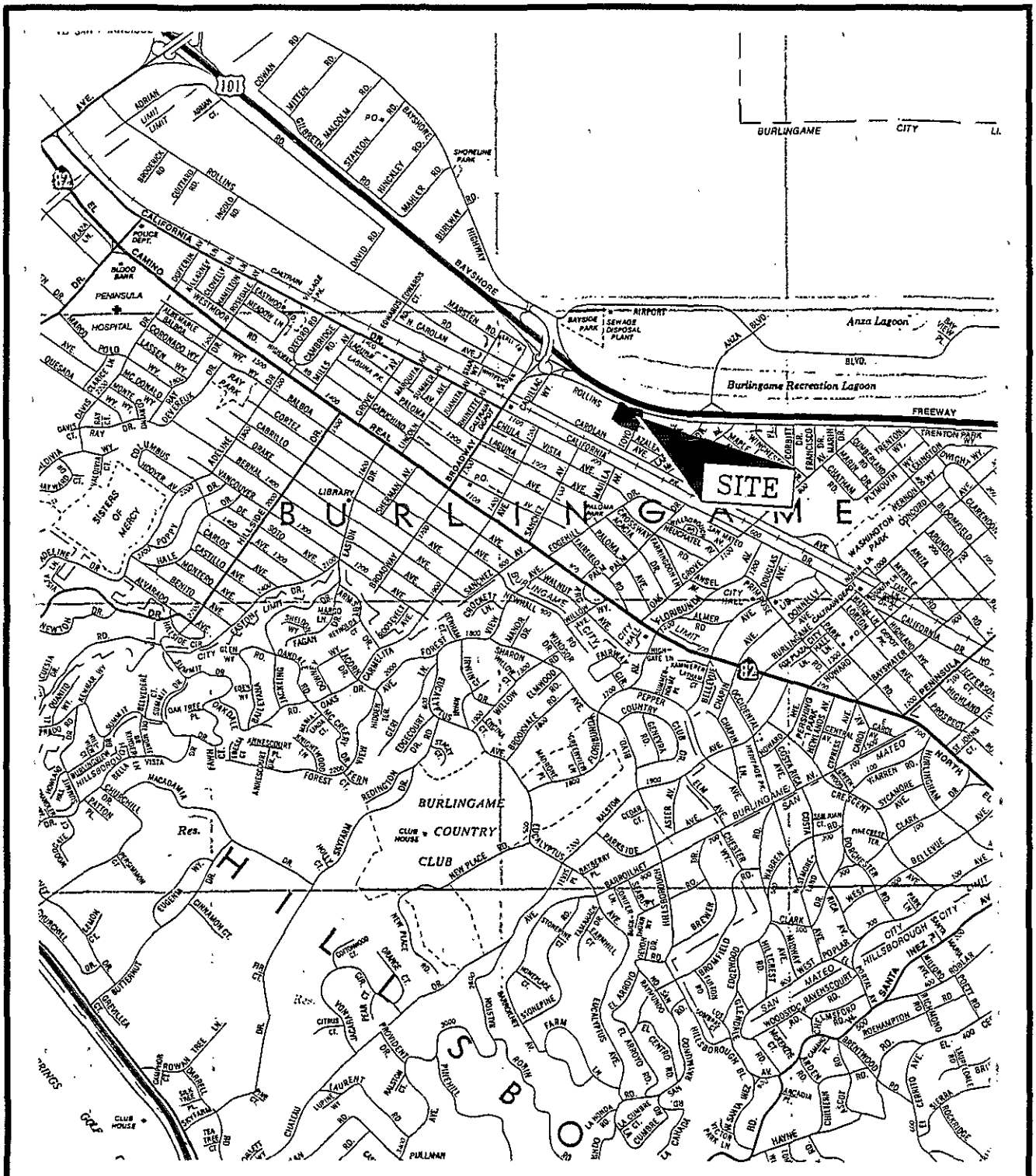


FIGURE 1 - SITE LOCATION MAP

Environmental/Engineering Consultants
Civic Center Tower
675 North First Street, Suite 500
San Jose, CA 95112

Project Location
1007 Rollins Road
Burlingame, California

Project no.
9430100

N

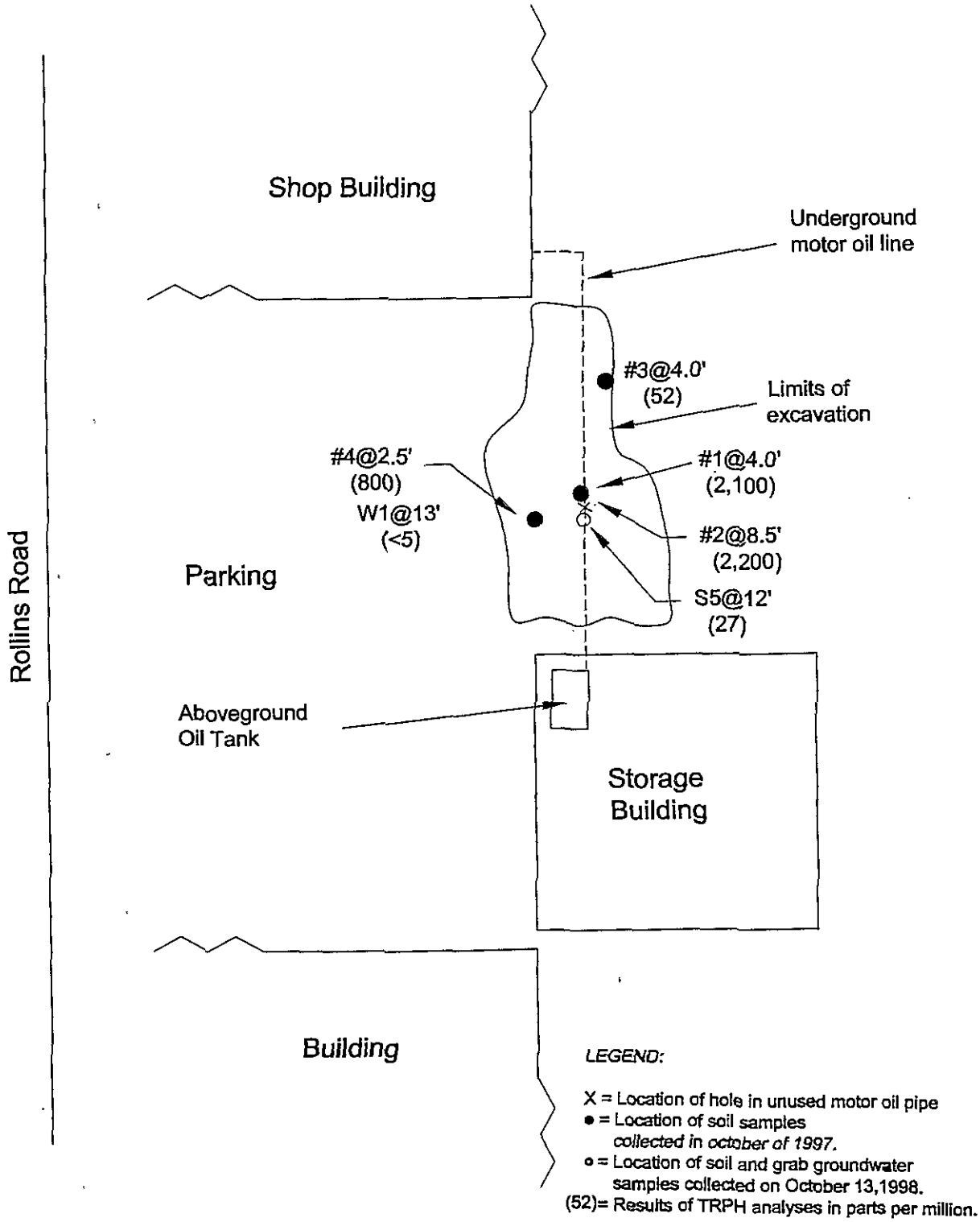


FIGURE 2 - SITE PLAN

Environmental/Engineering Consultants Civic Center Tower 675 North First Street, Suite 500 San Jose, CA 95112	Project Location 1007 Rollins Road Burlingame, California	Project no. 9430100	N

APPENDIX A
LABORATORY REPORTS

Columbia Analytical Services inc.

October 17, 1997 Service Request No.: S9702078

Brenda McNabb
Environmental Engineering Consultants
Civic Center Tower
675 North First Street
Suite 500
San Jose, CA 95112-5111

RE: Les Vogel/9430100

Dear Ms. McNabb:

The following pages contain analytical results for sample(s) received by the laboratory on October 15, 1997. Results of sample analyses are followed by Appendix A which contains sample custody documentation and quality assurance deliverables requested for this project. The work requested has been assigned the Service Request No. listed above. To help expedite our service, please refer to this number when contacting the laboratory.

Analytical results were produced by procedures consistent with Columbia Analytical Services' (CAS) Quality Assurance Manual (with any deviations noted). Signature of this CAS Analytical Report below confirms that pages 2 through 4, following, have been thoroughly reviewed and approved for release in accord with CAS Standard Operating Procedure ADM-DatRev3.

Please feel welcome to contact me should you have questions or further needs.

Sincerely,

Steven L. Green
Project Chemist

2059 Junction Avenue ▪ San Jose, California 95131 ▪ Telephone 408/428-1280 ▪ Fax 408/437-9356

COLUMBIA ANALYTICAL SERVICES, Inc.

Acronyms

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants	**Service Request:**	L9703524
Project:	Les Vogel/9430100	**Date Collected:**	10/14/97
Sample Matrix:	Soil	**Date Received:**	10/15/97

Recoverable Petroleum Hydrocarbons, Total (TRPH)

Prep Method:	METHOD	Units:	mg/Kg (ppm)
Analysis Method:	418.1	Basis:	Wet
Test Notes:			

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
#1	L9703524-001	10	25	10/16/97	10/16/97	2100	
Method Blank	L971016-MB	10	1	10/16/97	10/16/97	ND	

1A/020597p

Columbia Analytical Services inc.

October 28, 1997 Service Request No.: S9702158

Brenda McNabb
Environmental Engineering Consultants
Civic Center Tower
675 North First Street
Suite 500
San Jose, CA 95112-5111

RE: Les Vogel/9430100

Dear Ms. McNabb:

The following pages contain analytical results for sample(s) received by the laboratory on October 15, 1997. Results of sample analyses are followed by Appendix A which contains sample custody documentation and quality assurance deliverables requested for this project. The work requested has been assigned the Service Request No. listed above. To help expedite our service, please refer to this number when contacting the laboratory.

Analytical results were produced by procedures consistent with Columbia Analytical Services' (CAS) Quality Assurance Manual (with any deviations noted). Signature of this CAS Analytical Report below confirms that pages 2 through 7, following, have been thoroughly reviewed and approved for release in accord with CAS Standard Operating Procedure ADM-DatRev3.

Please feel welcome to contact me should you have questions or further needs.

Sincerely,

Steven L. Green
Project Chemist

COLUMBIA ANALYTICAL SERVICES, Inc.

Acronyms

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants	**Service Request:**	L9703625
Project:	Les Vogel/9430100	**Date Collected:**	10/14/97
Sample Matrix:	Soil	**Date Received:**	10/15/97

BTEX

Sample Name:	#1	Units:	mg/Kg (ppm)
Lab Code:	L9703625-001	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Benzene	EPA 5030	8020	0.005	1	NA	10/26/97	ND	
Toluene	EPA 5030	8020	0.005	1	NA	10/26/97	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	NA	10/26/97	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	NA	10/26/97	ND	

1S22/010597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants	**Service Request:**	L9703625
Project:	Les Vogel/9430100	**Date Collected:**	NA
Sample Matrix:	*Soil*	**Date Received:**	NA

BTEX

Sample Name:	Method Blank	Units:	mg/Kg (ppm)
Lab Code:	L971025-MB	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Benzene	EPA 5030	8020	0.005	1	NA	10/25/97	ND	
Toluene	EPA 5030	8020	0.005	1	NA	10/25/97	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	NA	10/25/97	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	NA	10/25/97	ND	

1S22/020597p

APPENDIX A

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Environmental Engineering Consultants	**Service Request:**	L9703625
Project:	Les Vogel/9430100	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
		Date Extracted:	NA
		Date Analyzed:	NA

Surrogate Recovery Summary
BTEX

Prep Method:	EPA 5030	*Units:*	PERCENT
Analysis Method:	8020	Basis:	Wet

Sample Name	Lab Code	Test Notes	Percent Recovery a,a,a-Trifluorotoluene
#1	L9703625-001		64
Method Blank	L971025-MB		88
Batch QC	L9703627-025MS		80
Batch QC	L9703627-025DMS		90

CAS Acceptance Limits: 60-130

SUR1/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Engineering Consultants
Project: Les Vogel/9430100
Sample Matrix Soil

Service Request: L9703625
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 10/26/97

Matrix Spike/Duplicate Matrix Spike Summary
BTEX

Sample Name: Batch QC
Lab Code: L9703627-025MS, L9703627-025DMS
Test Notes:

Units: mg/Kg (ppm)
Basis: Wet

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Percent Recovery MS	Percent Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Benzene	EPA 5030	8020	0.005	0.0127	0.0127	ND	0.00770	0.00774	61	61	39-150	<1	
Toluene	EPA 5030	8020	0.005	0.140	0.140	ND	0.101	0.103	72	74	46-148	2	
Ethylbenzene	EPA 5030	8020	0.005	0.0352	0.0352	ND	0.0221	0.0222	63	63	32-160	<1	

DMS/020597p

Columbia Analytical Services, Inc.

October 30, 1997 Service Request No.: S9702191

Brenda McNabb
Environmental Engineering Consultants
Civic Center Tower
675 North First Street
Suite 500
San Jose, CA 95112-5111

RE: 1007 Rollins Rd/9430100

Dear Ms. McNabb:

The following pages contain analytical results for sample(s) received by the laboratory on October 28, 1997. Results of sample analyses are followed by Appendix A which contains sample custody documentation and quality assurance deliverables requested for this project. The work requested has been assigned the Service Request No. listed above. To help expedite our service, please refer to this number when contacting the laboratory.

Analytical results were produced by procedures consistent with Columbia Analytical Services' (CAS) Quality Assurance Manual (with any deviations noted). Signature of this CAS Analytical Report below confirms that pages 2 through 9, following, have been thoroughly reviewed and approved for release in accord with CAS Standard Operating Procedure ADM-DatRev3.

Please feel welcome to contact me should you have questions or further needs.

Sincerely,

Steven L. Green
Project Chemist

COLUMBIA ANALYTICAL SERVICES, Inc.

Acronyms

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants	**Service Request:**	L9703677
Project:	1007 Rollins Rd/#9430100	**Date Collected:**	10/28/97
Sample Matrix:	Soil	**Date Received:**	10/28/97

Total Recoverable Petroleum Hydrocarbons (TRPH)

Prep Method:	METHOD	Units:	mg/Kg (ppm)
Analysis Method:	418.1	Basis:	Wet
Test Notes:			

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
#2	L9703677-001	10	25	10/29/97	10/29/97	2200	
#3	L9703677-002	10	1	10/29/97	10/29/97	52	
#4	L9703677-003	10	8.33	10/29/97	10/29/97	800	
Method Blank	L971029-MB	10	1	10/29/97	10/29/97	ND	

1A/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants-AZ	**Service Request:**	S9702191
Project:	1007 Rollins Rd/9430100	**Date Collected:**	10/28/97
Sample Matrix:	Soil	**Date Received:**	10/28/97

BTEX and TPH as Gasoline

Sample Name:	#2	Units:	mg/Kg (ppm)
Lab Code:	S9702191-001	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Benzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Toluene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	0.007	
Ethylbenzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	10/28/97	10/29/97	0.005	

IS22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants-AZ	**Service Request:**	S9702191
Project:	1007 Rollins Rd/9430100	**Date Collected:**	10/28/97
Sample Matrix:	Soil	**Date Received:**	10/28/97

BTEX and TPH as Gasoline

Sample Name:	#3	Units:	mg/Kg (ppm)
Lab Code:	S9702191-002	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Benzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Toluene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants-AZ	**Service Request:**	S9702191
Project:	1007 Rollins Rd/9430100	**Date Collected:**	10/28/97
Sample Matrix:	Soil	**Date Received:**	10/28/97

BTEX and TPH as Gasoline

Sample Name:	#4	Units:	mg/Kg (ppm)
Lab Code:	S9702191-003	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Benzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Toluene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	0.005	
Xylenes, Total	EPA 5030	8020	0.005	1	10/28/97	10/29/97	0.013	

1S22/020597p

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	Environmental Engineering Consultants-AZ	**Service Request:**	S9702191
Project:	1007 Rollins Rd/9430100	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA

BTEX and TPH as Gasoline

Sample Name:	Method Blank	Units:	mg/Kg (ppm)
Lab Code:	S971028-SB1	Basis:	Wet
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Benzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Toluene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Ethylbenzene	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	
Xylenes, Total	EPA 5030	8020	0.005	1	10/28/97	10/29/97	ND	

1S22/020597p

APPENDIX A

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Engineering Consultants-AZ
Project: 1007 Rollins Rd/9430100
Sample Matrix: Soil

Service Request: S9702191
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: NA

Surrogate Recovery Summary
BTEX and TPH as Gasoline

Prep Method: EPA 5030
Analysis Method: 8020 CA/LUFT

Units: PERCENT
Basis: NA

Sample Name	Lab Code	Test Notes	Percent Recovery	
			4-Bromofluorobenzene	a,a,a-Trifluorotoluene
#2	S9702191-001		111	93
#3	S9702191-002		109	89
#4	S9702191-003		108	90
Method Blank	S971028-SB1		107	89
CAS Acceptance Limits:			51-137	51-137

SUR2/020397p

CHAIN-OF-CUSTODY RECORD

E_2C, Inc.
Environmental/Engineering Consultants
Civic Center Tower, 875 North First Street, Suite 500
San Jose, CA 95112-5111

Phone: (408)286-6300
Fax: (408)286-6333

LABORATORY: Columbia

Site Name and Address: 1007 Rollins Rd., Burlingame, CA

Project #: 9430100

Sampler: Brenda D. McNabb

Company: E2C, Inc.

ANALYSIS REQUESTED

Sample I.D.	# Containers	Matrix: Soil	Matrix: Water	Matrix: Bldg. Material	Preservation: None	Preservation:	Time	Date	Location of Sample	8015 Modified (Gas)	BTEX	8015 Modified (Diesel)	418.1 (TRPH)	8010/601	8020/602	8240/624	TOG		Asbestos	Comments
#2	1	X					10:50	10/28/97	Excavation Bottom		X		X							
#3	1	X					11:02	"	" Wall		X		X							
#4	1	X					11:08	"	" Wall		X		X							

TURN-AROUND TIME REQUESTED:
- ☐ 24 HOURS
- ☐ 7-day
- ☒ 48 HOURS
- ☐ NORMAL
- ☐ OTHER ___

SPECIAL INSTRUCTIONS: 48 HR T/A!

The following MUST be completed by the laboratory accepting samples for analyses:
1) Have all samples received been stored on ice?_____
2) Did any VOA samples received have any head space?_____
3) Were samples in appropriate containers and packaged properly?_____

	Date	Time		
Relinquished by sampler:	10/28/97	13:05	Received by: E2C. Refridgerator	COOLER TEMPERATURE:
Relinquished by: E2C Refridgerator	Date	Time	Received by: 10/28/97	For Lab Use Only
Relinquished by:	Date	Time	Received for LABORATORY by:	

R8

Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
675 North 1st Street, Suite 500
San Jose, CA 95112
Attn: Brenda McNabb

Date: 10/16/98
Date Received: 10/14/98
Project: 9430100
PO #:
Sampled By: Client

Certified Analytical Report

Soil Sample Analysis: (All results in mg/kg)

Sample ID	S5@12'										
Sample Date	10/13/98										
Sample Time	14:20										
Lab #	E18551										
	Result	DF	DLR							PQL	Method
Analysis Date	10/15/98										
TRPH	**27**	1.0	25							25	SM5520

DF=Dilution Factor ND= None Detected above DLR PQL=Practical Quantitation Limit DLR=Detection Reporting Limit

· Silica gel cleanup performed prior to analysis

· Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2224)

Michelle L. Anderson, Lab Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
675 North 1st Street, Suite 500
San Jose, CA 95112
Attn: Brenda McNabb

Date: 10/16/98
Date Received: 10/14/98
Project: 9430100
PO #:
Sampled By: Client

Certified Analytical Report

Water Sample Analysis:

Sample ID	W1@13'										
Sample Date	10/13/98										
Sample Time	15:45										
Lab #	E18552										
	Result	DF	DLR							PQL	Method
Results in mg/Liter:											
Analysis Date	10/15/98										
TRPH	ND	1.0	5.0							5.0	SM5520

DF=Dilution Factor ND= None Detected above DLR PQL=Practical Quantitation Limit DLR=Detection Reporting Limit

- Silica gel cleanup performed prior to analysis
- Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2224)

Michelle L. Anderson, Lab Director

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, *CA 94086*

QUALITY CONTROL RESULTS SUMMARY

METHOD: TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

QC Batch : STRPIR981002
Matrix: Soil
Units: mg/Kg

Date Analyzed: 10/09/98
Spiked Sample: Blank Spike

PARAMETER	MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SP PR	SPD mg/Kg	SPD PR	RPD	QC LIMITS RPD	QC LIMITS PR
TRPH	<50	253.6	ND	225	89%	223	88%	0.7	25	50-150

Definition of Terms:

MB: Method Blank
SA: Spike Added
SR: Sample Result
SP: Matrix Spike Result
SP (PR): Matrix Spike % Recovery
SPD: Matrix Spike Duplicate Result
SPD (PR): Matrix Spike Duplicate % Recovery
RPD: Matrix Spike Recovery % Variance

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

QC Batch ID: WTRPIR981001
Matrix: Water
Units: mg/L

Date Analyzed: 10/15/98
Spiked Sample: Blank Spike

PARAMETER	SA mg/L	SR mg/L	SP mg/L	SP PR	SPD mg/L	SPD PR	RPD	QC LIMITS RPD	QC LIMITS PR
TRPH	202.9	0	194	95	192	95	0.9	25	70-130

Definition of Terms:

RPD: Relative Percent Difference (Duplicate Analyses)
SA: Spike Added
SR: Sample Result
SP: Spike Result
SP (PR): Spike % Recovery
SPD: Spike Duplicate Result
SPD (PR): Spike Duplicate % Recovery

CHAIN-OF-CUSTODY RECORD

E$_2$C, Inc.
Environmental/Engineering Consultants
Civic Center Tower, 675 North First Street, Suite 500
San Jose, CA 95112-5111

Phone: (408)286-6300
Fax: (408)286-6333

LABORATORY: Entech

Site Name and Address: 1007 Rollins Rd., Burlingame, CA

Project #: 9430100

Sampler: Brenda McNabb

Company: E2C, Inc.

ANALYSIS REQUESTED

Sample I.D.	# Containers	Matrix: Soil	Matrix: Water	Matrix: Bldg. Material	Preservation: None	Preservation:	Time	Date	Location of Sample	8015 Modified (Gas)	BTEX	8015 Modified (Diesel)	418.1 (TRPH)	8010/601	8020/602	8240/624	EPA 5520 (Gel/IR/S)		Asbestos	Comments
S5@5'	1	X					14:20	10/13/98	Bottom of Exc.								X			E18551
W1@3'	1		X		X		15:45	10/13/98	" " "								X			E18552

RUSH

TURN-AROUND TIME REQUESTED:
- ☐ 24 HOURS
- ☐ 7-day
- ☒ 48 HOURS
- ☐ NORMAL
- ☐ OTHER

SPECIAL INSTRUCTIONS: Important!! Please filter groundwater sample prior to containing.

The following MUST be completed by the laboratory accepting samples for analyses:
1) Have all samples received been stored on ice? Y
2) Did any VOA samples received have any head space? NA
3) Were samples in appropriate containers and packaged properly? Y

	Date	Time		
Relinquished by sampler:	10/14/98	2:00	Received by:	COOLER TEMPERATURE:
Relinquished by:	10/14/98	3:30	Received by:	For Lab Use Only
Relinquished by:	10/14/98	3:35pm	Received for LABORATORY by:	

APPENDIX B
NON-HAZARDOUS WASTE MANIFEST FORMS

ALTAMONT LANDFILL & RRF

DATE:10/14/1997 TICK: 47984 - 1
TIME IN: 11:41 I/O: 1
TIME OUT: 11:56
STAGE TICKET: 50729

CARRIER: CLE CLEAWATER ENVIRONMENTAL
TRUCK#: D7 ETC: D7 TYPE: BD TRAILER#:
CUSTOMER: CEM CLEARWATER ENVIRONMENTAL
DESTINATION:
ROUTE: MA NON-APP ORIGIN: BAUM BAUMBERG

WASTE DESCRIPTION	QUAN.	PER	RATE	AMOUNT	TAX	TOTAL
CLE CLEAN SOIL CLASS III COVER	5.49	T				

GROSS: 23240 PB
TARE: 12260 PB
NET: 10980 TONS: 5.49

CUSTOMER: _____
WEIGHMASTER: _____

WEIGH IN CLERK: HALL, LUOLA WEIGH OUT CLERK: HALL, LUOLA

THIS IS TO CERTIFY THAT THE FOLLOWING DESCRIBED COMMODITY WAS WEIGHED, MEASURED, OR COUNTED BY A WEIGHMASTER WHOSE SIGNATURE IS ON THIS CERTIFICATE, WHO IS A RECOGNIZED AUTHORITY OF ACCURACY, AS PRESCRIBED BY CHAPTER 7 COMMENCING WITH SECTION 12700 OF DIVISION 5 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE ADMINISTERED BY THE DIVISION OF MEASUREMENT

ALTAMONT LANDFILL & RRF

DATE:10/28/1997 TICK: 49641 - 1
TIME IN: 13:17 I/O: I
TIME OUT: 13:17
STAGE TICKET: 52436

CARRIER: CLE CLEAWATER ENVIRONMENTAL
TRUCK#: 31 END DUMP TRAILER#:
CUSTOMER: CEM CLEARWATER ENVIRONMENTAL
GENERATOR: LV LES VOGELD
ORIGIN: BURL BURLINGAME PROFILE 475697

MANIFEST	WASTE DESCRIPTION	QUAN.	PER	RATE	AMOUNT	TAX	FEE
TAL	C2C CLASS II COVER SOI	0.1	T				

GROSS: 22440 PB LBS
TARE: 22180 PT LBS
NET: 260 LBS TONS: 0.13

CUSTOMER: David Mouser
WEIGHMASTER: _____

WEIGH IN CLERK: RAMIREZ, JOSE WEIGH OUT CLERK: RAMIREZ, JOSE

THIS IS TO CERTIFY THAT THE FOLLOWING DESCRIBED COMMODITY WAS WEIGHED, MEASURED, OR COUNTED BY A WEIGHMASTER WHOSE SIGNATURE IS ON THIS CERTIFICATE, WHO IS A RECOGNIZED AUTHORITY OF ACCURACY, AS PRESCRIBED BY CHAPTER 7 COMMENCING WITH SECTION 12700 OF DIVISION 5 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE ADMINISTERED BY THE DIVISION OF MEASUREMENT

...FORNIA
...SUREMENT
STANDARDS OF THE CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE.

ALTAMONT LANDFILL & RRF

DATE:10/14/1997 TICK: 4802 - 1
TIME IN: 15:37 I/O: I
TIME OUT: 15:49
STAGE TICKET: 50781

CARRIER: CLE CLEAWATER ENVIRONMENTAL
TRUCK#: D7 TRUC: D7 TYPE: ED TRAILER#:
CUSTOMER: CEM CLEARWATER ENVIRONMENTAL
DESTINATION:
ROUTE: NA NON-APP ORIGIN: BURL BURLINGAME

WASTE DESCRIPTION	QUAN. PER	RATE	AMOUNT	TAX	TOTAL
CLE CLEAN SOIL CLASS III COVER	6.94 T				

GROSS: 26120 PB
TARE: 12240 PB
NET: 13880 TONS: 6.94

CUSTOMER:

WEIGHMASTER:

WEIGH IN CLERK: JOHN PITA WEIGH OUT CLERK: JOHN PITA

THIS IS TO CERTIFY THAT THE FOLLOWING DESCRIBED COMMODITY WAS WEIGHED, MEASURED, OR COUNTED BY A WEIGHMASTER WHOSE SIGNATURE IS ON THIS CERTIFICATE, WHO IS A RECOGNIZED AUTHORITY OF ACCURACY, AS PRESCRIBED BY CHAPTER 7 COMMENCING WITH SECTION 12700I OF DIVISION 5 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE ADMINISTERED BY THE DIVISION OF MEASUREMENT STANDARDS OF THE CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	2. Page 1 of 1	3. Document Number
		NH- № 45001

GENERATOR

4. Generator's Name and Mailing Address
Les Vogel
107 Rollins Way
Burlingame, CA
Generator's Phone

5. Transporter Company Name	6. US EPA ID Number	7. Transporter Phone
CLEARWATER ENVIRONMENTAL	CAR000007013	(510) 797-8511

8. Designated Facility Name and Site Address	9. US EPA ID Number	10. Facility's Phone
ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO, CA 95002	CAL000161743	(510) 797-8511

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous waste, ~~liquid~~ Solid	001	DT ~~IT~~	5.49	T ~~G~~
b.				

15. Special Handling Instructions and Additional Information
Wear PPE
Emergency Contact
(510) 797-8511
Attn: Kirk Hayward

Handling Codes for Wastes Listed Above	
11a.	11b.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Kirk D Hayward	Kirk D Hayward	10	14	97

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steven R. Stone	Steven R Stone	10	14	97

FACILITY

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name	Signature	Month	Day	Year
Kirk D Hayward	Kirk D Hayward	10	14	97

WHITE – ORIGINAL (Return to Generator) YELLOW – TSDF (Retain Copy) PINK – TRANSPORTER COPY GOLDENROD – GENERATOR'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of 1

3. Document Number NH- Nº 45002

GENERATOR

4. Generator's Name and Mailing Address
Les Vogel
107 Bellows Way
Burlingame, CA
Generator's Phone

5. Transporter Company Name: CLEARWATER ENVIRONMENTAL
6. US EPA ID Number: CAR000007013
7. Transporter Phone: (510) 797-8511

8. Designated Facility Name and Site Address
ALVISO INDEPENDENT OIL
5002 ARCHER STREET
ALVISO, CA 95002
9. US EPA ID Number: CAL000161743
10. Facility's Phone: (510) 797-8511

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous waste, ~~liquid~~ SOLID	001	DT ~~FT~~	6.94	T ~~G~~
b.				

15. Special Handling Instructions and Additional Information
Wear PPE
Emergency Contact
(510) 797-8511
Attn: Kirk Hayward

Handling Codes for Wastes Listed Above

11a.	11b.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to state or federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Kirk Hayward
Signature: Kirk Hayward
Month 10 Day 14 Year 97

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: Steven R. Stone
Signature: Steven R. Stone
Month 10 Day 14 Year 97

FACILITY

18. Discrepancy Indication Space

19. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 18.

Printed/Typed Name: Kirk Hayward
Signature: Kirk Hayward
Month 10 Day 14 Year 97

WHITE – ORIGINAL (Return to Generator) YELLOW – TSDF (Retain Copy) PINK – TRANSPORTER COPY GOLDENROD – GENERATOR'S COPY

LES VOGEL

Dodge CHRYSLER/Plymouth JEEP/Eagle

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
AUG 1 1 1998
RECEIVED

August 3, 1998

San Mateo County Health Services Agency
Environmental Health Services Division
590 Hamilton Street, Fourth Floor
Redwood City, CA 94063

Attention: Ms. Gail Lee
Subject: Submittal of Work Plan for Soil and Groundwater Remediation

Dear Ms. Lee:

The attached Work Plan for Soil and Groundwater Remediation outlines the proposed actions for the further cleanup of motor oil impacted soil at 1007 Rollins Road in Burlingame. I declare under penalty of perjury that the information contained in the attached Work Plan is true and correct.

We appreciate your assistance in the review and approval of this Work Plan. We are hoping to proceed with these actions during the week of August 10, 1998. Should you have any technical questions or comments, please contact our consultant, Ms. Brenda McNabb at E_2C, Inc. (408-286-6300).

Sincerely,

Mr. Jeff Caruso

Enclosure

WORK PLAN
FOR
SOIL AND GROUNDWATER REMEDIATION
AT
1007 ROLLINS ROAD
BURLINGAME, CALIFORNIA

July 30, 1998

PREPARED BY
E_2C, INC.
CIVIC CENTER TOWER
675 NORTH FIRST STREET, SUITE 500
SAN JOSE, CALIFORNIA

E2C INC.

Environmental/Engineering Consultants

July 30, 1998
Job No. 9430100

Les Vogel Dodge
1007 Rollins Road
Burlingame, CA 94010

ATTN: Mr. Phil Vogel
SUBJECT: **WORK PLAN FOR SOIL AND GROUNDWATER REMEDIATION**
1007 Rollins Road
Burlingame, California

Dear Mr. Vogel:

E_2C, Inc. presents herein our Work Plan for soil and groundwater remediation in the area of a subsurface motor oil line leak at the above-referenced property. The Scope of Work is described in the attached Plan.

Our Work Plan was prepared at the request of Ms. Gail Lee for submittal to the San Mateo County Health Services Agency (SMCHSA).

Should you have any questions or require supplemental information, please do not hesitate to contact us.

Sincerely,

Brenda D. McNabb, REA
Senior Project Manager

REGISTERED ENVIRONMENTAL ASSESSOR
BRENDA D. McNABB
No. 03010
Expires: 6/99
STATE OF CALIFORNIA

Kendall W. Price, CEG/REA
President

cc: San Mateo County Health Services Agency
Environmental Health Services Division
590 Hamilton Street, Fourth Floor
Redwood City, CA 94063
Attention: Ms. Gail Lee

TABLE OF CONTENTS

FIGURES

1.0 INTRODUCTION

The following Work Plan describes the proposed excavation of soil and pumping of groundwater at 1007 Rollins Road in Burlingame, California. The work is being performed to address soil impact in the area immediately beneath the former leaking motor oil line, and to evaluate whether groundwater impact has occurred. This Work Plan was prepared for submittal to the San Mateo County Health Services Agency (SMCHSA).

1.1 Site Location

The subject site is located on Rollins Road, approximately 100 feet south of Highway 101 in Burlingame, California. The site is occupied by a car sales dealership and associated vehicle servicing facility (see Figure 1).

1.2 Site Geology and Hydrology

The subject site is located in the baylands area of the San Francisco Bay region. During previous excavation operations conducted in relation to the initial investigation of the leaking line, the soils encountered consisted of sandy, silty clays. Groundwater was not encountered to a depth of approximately 9 feet. Shallow groundwater is anticipated to be encountered at depths ranging from 10 to 15 feet. The regional groundwater flow direction is estimated to be northerly, towards San Francisco Bay.

1.3 Site Background

In response to the observance of oil coming up from a crack in the asphalt driveway in the area just above an underground motor oil line, E_2C, Inc. was

called to the site on October 15, 1997. The motor oil line was observed to extend from a 500-gallon aboveground motor oil tank (located in a storage building adjacent to the driveway) beneath the driveway and into the car Servicing Building. The only portion of the line that was situated underground was the section that extended beneath the driveway. The motor oil was dispensed within the Servicing Building during normal daily operations.

To facilitate inspection of the subsurface and the underlying motor oil pipe, the area was excavated by Clearwater Environmental Management, Inc. under the direction of E_2C, Inc. on October 15, and 16, 1997. On the afternoon of October 16, 1997, the apparent source of the oil, an approximate 1/4-inch diameter hole in the motor oil pipe, was discovered.

During excavation of the pipe (encountered at an approximate depth of 12 inches), it was noted that the fill materials above and around the pipe consisted of a combination of sand and a road base material containing angular 3/4-inch diameter aggregate. Normal utility trench construction consists of 100% sand backfill and a minimum depth of 2.5 to 3.0 feet. It is our opinion that the hole in the pipe was caused by friction between the pipe and this road base fill material, which occurred while vehicles drove over the paved area above the pipe and during the movement and undulation that occurs when the pipe is pressurized. Some corrosion of the pipe in the area of the hole was also noted.

Upon discovery of the hole, a compression coupling was placed upon the breach to eliminate any further releases. The excavation was then extended to a depth of approximately 4 feet where a soil sample was collected (sample #1) and found to contain 2,100 parts per million (ppm) Total Recoverable Petroleum Hydrocarbons (TRPH). Sample #1 was found not to

contain Benzene, Toluene, Ethylbenzene, or Xylenes (BTEX) above laboratory detection limits.

Based on the level of TRPH detected at the 4-foot depth, the excavation was extended vertically to an approximate depth of 8.5 feet, and laterally to a dimension of approximately 10 feet by 20 feet. Three confirmation soil samples were collected from the side-walls and floor of the excavation on October 28, 1998, under the observation of Mr. Arnie Montenagni of the SMCHSA. The results of sample analyses are shown on Figure 1. In summary, the soil sample collected from an approximate depth of 8.5 feet in the bottom of the excavation (#2) was found to contain 2,200 ppm TRPH. The two side wall samples (#3 and #4) were found to contain 52 and 800 ppm TRPH, respectively. Only trace levels of Toluene, Ethylbenzene, and Xylenes were detected in samples #2 and #4.

Based on the results of soil sampling, E_2C, Inc. recommended the removal of additional impacted soil from the bottom of the excavation. In consultation with Ms. Gail Lee of the SMCHSA, E_2C, Inc. also proposed that should groundwater be encountered during additional excavation operations, that a sample be collected to evaluate groundwater conditions. Moreover, if visual or olfactory evidence of groundwater impact is noted, limited pumping prior to sampling the water within the excavation will be recommended.

1.4 Proposed Scope of Work

The Scope of Work proposed within this Work Plan includes the following:

- Removal of soil to an estimated depth of 15 feet and disposal of the soil at an accepting landfill.

- Collection of 1 to 4 confirmation soil samples from the limits of the extended excavation.

5520 D+F
8015/8310

- Analysis of the soil samples for TRPH using EPA Test Method 418.1. RI/Silica

- If groundwater is encountered during excavation, E_2C, Inc. proposes the evacuation of up to 500 gallons of groundwater from the excavation.

- Collection of 1 grab groundwater sample from the open excavation (should groundwater be encountered). Analysis of the grab sample for TRPH using EPA Test Method ~~418.1.~~ 5520 IR1 /Silica

- Replacement of the breached oil line with a new, double-contained line. No monitoring is proposed for this line.

- Backfill and compaction of the excavation, and repaving of the area (to be performed by another company).

- Preparation of a technical report documenting these proposed operations.

2.0 METHODS AND PROCEDURES

The proposed investigative approach, and all variations deemed necessary, will be consistent with the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) document entitled, "Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks" (August 10, 1990); the State of California Water Resources Control Board document entitled, "Leaking Underground Storage Tank Field Manual: Guidelines for Site Assessment, Cleanup and Underground Storage Tank Closure" (October 18, 1989); and SMCHSA guidelines.

2.1 Soil and Grab Groundwater Sampling Protocol

Soil samples will be collected from the backhoe bucket using a hand driven methodology. After approximately 2-3 inches of soil (slough) is removed from the soil held just above the teeth of the backhoe bucket, a brass sampling tube will be hand-driven into the exposed soil until the soil is packed tightly within the brass tube. The ends of the tube will then be covered with Teflon sheeting followed by tight-fitting plastic caps. The samples will be labeled and place on ice in a cooler for transport to a State-certified laboratory. The samples will be transported under chain-of-custody documentation.

The grab groundwater sample will be collected from standing water in the excavation using a disposable bailer, which will be lowered into the water. Water will be transferred from the bailer into laboratory-provided bottles appropriate for the requested analyses. The bottles will then be labeled and placed on ice within a cooler for transport to the contract laboratory. All soil and groundwater samples will be analyzed for TRPH using EPA Test Method 418.1.

3.0 FIELD & LABORATORY QUALITY ASSURANCE AND CONTROL

3.1 Field Work

All soil and groundwater sampling, sample handling, and sample storage will be conducted under the direction of E_2C, Inc. and in accordance with EPA guidelines presented in EPA document SW-846. Upon request from the SMCHSA, duplicate samples or field split-samples will be provided to evaluate the variability of analytical results.

All equipment that contacts samples will be thoroughly cleaned prior to use on the site and between samplings. All non-disposable bailers will be steam-cleaned or washed with an anionic detergent solution (i.e., Liquinox or Alconox), rinsed with tap water, rinsed with distilled water, drained of excess water, and air-dried or wiped dry with a clean towel.

All containers used in the collection of groundwater samples will be provided by the contract laboratory.

The laboratory reports documenting the results of sample analyses will be presented in an Appendix within the Technical Report, and the results of soil and groundwater sample analyses will be summarized in tabular form.

3.2 Laboratory Services

Laboratory testing will be performed by a laboratory certified by the State of California Department of Health Services to perform the types of analyses requested. Each laboratory has documented procedures for handling, preparing, and testing samples for the various types of compounds for which that laboratory is certified to test. Copies of these procedures are available at the laboratories and will be provided upon request.

The laboratory will check analytical results, as necessary, by analyzing field blanks or duplicate samples (if collected). Field blanks or duplicate split samples may be submitted "blind," and randomly, to the laboratory under separate sample numbers. Duplicate samples may also be submitted to different laboratories for testing to cross-check analytical results.

Laboratory reports will be reviewed to check that analyses are completed within the recommended sample holding times and that proper sample preservation, preparation, and extraction techniques have been used. Measurements of percent recovery for spiked samples will be evaluated for compliance with established laboratory control limits. Data identified as being of sufficient quality will be used; suspect data will be identified as such.

4.0 TECHNICAL REPORT PREPARATION

Upon completion of sampling and well installation activities and receipt of all original laboratory reports, a technical report will be prepared for submittal to the SMCHSA. This technical report will describe, in detail, the various activities conducted during the course of this remedial operation. The laboratory reports documenting the results of sample analyses and corresponding Chain-of-Custody documentation will be presented in an Appendix within the report, and the results of soil and groundwater sample analyses will be summarized in a table. The report will be signed by a Certified Engineering Geologist, licensed to practice in the State of California. Conclusions and recommendations will be presented.

5.0 ANTICIPATED TIME SCHEDULE

The Proposed Time Schedule for this project is as follows:

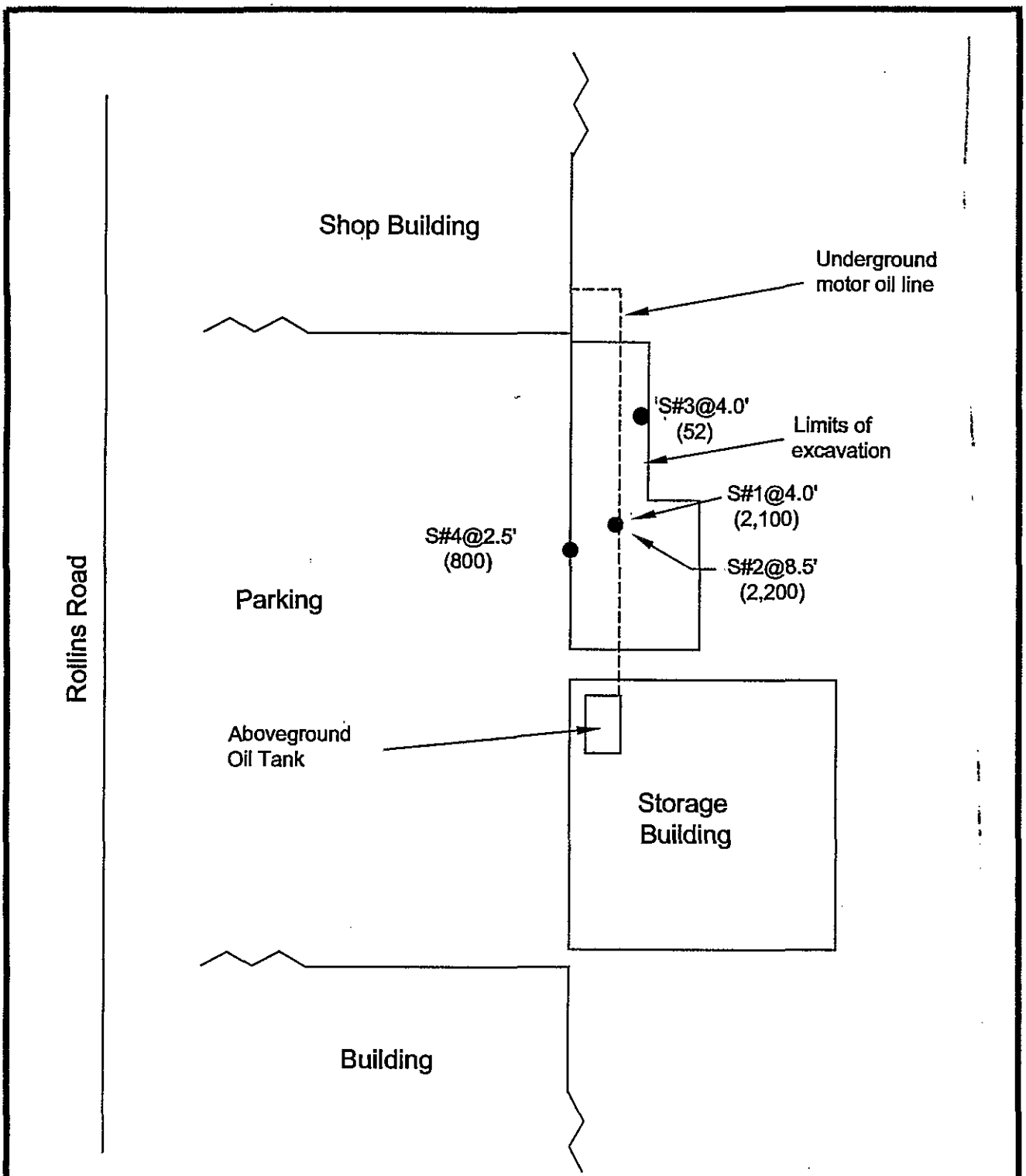
- Submittal of Work Plan — August 3, 1998
- Soil excavation, soil sampling, and groundwater pumping operations — August 11, 1998
- Grab groundwater sampling, repair of line, and backfilling and compaction of excavation — August 12, 1998
- Submittal of Technical Report — By September 11, 1998

As the work is scheduled to begin on August 11, 1998, your expeditious review and approval of this Work Plan would be greatly appreciated. Should you have any questions, please do not hesitate to contact us.

Sincerely,

Brenda D. McNabb, REA
Senior Project Manager

Kendall W. Price, CEG/REA
President



Note: (2,200) = Total Recoverable Petroleum Hydrocarbons (TRPH) in parts per million.

SCALE: 1"=10'

FIGURE 1 - SITE PLAN

Environmental/Engineering Consultants
Civic Center Tower
675 North First Street, Suite 500
San Jose, CA 95112

Project Location
1007 Rollins Road
Burlingame, California

Project no.
9430100

SAN MATEO COUNTY GROUNDWATER PROTECTION PROGRAM
SOIL ONLY CLOSURE MEMORANDUM

TO: FILE

FROM: SAN MATEO COUNTY GROUNDWATER PROTECTION PROGRAM

DATE: **April 10, 2000**

SUBJECT: LES VOGEL DODGE
1007 ROLLINS ROAD
BURLINGAME, CA 94010
SMCo Site # 668083

1.0 SITE BACKGROUND

Les Vogel Dodge is a Auto Dealership located 1007 Rollins Road in Burlingame, California. The subject property houses a 550-gallon above-ground motor oil storage tank. The site is approximately 100 feet south of Highway 101, and less than 1,000 feet south of San Francisco Bay (see **Figure 1).**

1.1 SITE HISTORY

On October 14, 1997, in observance of motor oil coming up from a crack in the asphalt driveway in the area just above an underground motor oil line, E2C was calles to the site to investigate. Based upon visual observations, it was determined that excavation of the line should be conducted.

On October 14 and 15, Clearwater Environmental Management, Inc. under the direction of E2C excavated the suspect area and discovered a ¼ inch diameter hole in the motor oil line. The excavation was then extended to a depth of 4 feet on October 15, 1997, and one soil sample (#1@4.0') was collected. Analytical results are summarized on **Table** 1 and illustrated on **Figure 2.**

Table 1: Soil Soil Sample Analytical Results (mg/kg)

Sample ID	TRPH	Benzene	Toluene	Ethyl-benzene	Xylenes
			October 14, 1997		
#1@4.0'	**2,100**	<0.005	<0.005	<0.005	<0.005
			October 28, 1997		
#2@8.5'	**2,200**	<0.005	**0.007**	<0.005	**0.005**
#3@4.0'	**52**	<0.005	<0.005	<0.005	<0.005
#4@2.5'	**800**	<0.005	<0.005	**0.005**	**0.013**

TRPH = total recoverable petroleum hydrocarbons

Since TRPH were detected at a concentration of 2,100 mg/kg, additional excavation was conducted on October 28, 1997. The excavation was extended vertically to a depth of 8.5 ft bgs and horizontally to approximately 10 ft by 20 ft. Confirmation soil samples (#2@8.5', #3@4.0', and #4@2.5') were collected from the sidewalls and the floor of the excavation. Analytical results are summarized on **Table 1** and illustrated on **Figure 2.**

Based on the results of the first phase of over-excavation, a second phase of over-excavation was conducted on October 13, 1998. The excavation was further extended to an approximately depth of 12 ft and laterally extended the excavation another 1.5 ft. Groundwater was observed at 12 ft bgs. Soil sample #5@12' and groundwater sample W1@13' were collected. The soil sample contained 27 mg/kg TRPH and the groundwater sample did not contain TRPH above the laboratory detection limit. Analytical results are summarized on **Table 2** and illustrated on **Figure 3**.

Table 2: Soil and Groundwater Sample Analytical Results (mg/kg & µg/L, respectively)

Sample ID	TRPH	Benzene	Toluene	Ethyl-benzene	Xylenes
			October 13, 1998		
#5@12'	**27**	NA	NA	NA	NA
			October 13, *1998*		
W1@13'	<500	NA	NA	NA	NA

TRPH = total recoverable petroleum hydrocarbons
NA = Not analyzed

2.0 INVESTIGATION METHODS

No further investigation was conducted at the site.

3.0 EXTENT OF SOIL AND GROUNDWATER POLLUTION

TRPH, ethylbenzene, and xylenes were detected at concentrations of 800 mg/kg, 0.005 mg/kg and 0.013 mg/kg, respectively. Groundwater was encountered in the excavation of the tank at 12 ft bgs. TPRH was not detected above the laboratory detection limit. Based on the information received and location of the site, the groundwater is not suspected to be impacted. Groundwater gradient and flow direction was not confirmed at this site.

4.0 LOCAL AND REGIONAL HYDROGEOLOGY

The local and regional hydrogeology has not been defined. The native soil in the subject area was identified to be Bay Mud. The Bay Mud typically consists of gray, unconsolidated, organic-rich clay and silty clay, and may locally contain thin lenses of well-sorted silt and sand.

Groundwater was encountered at a depth of approximately 12 feet bgs. Groundwater flow direction was not calculated at the site but is assumed to be northeast toward San Francisco Bay.

5.0 BENEFICIAL USES

San Francisco Bay lies approximately 0.25 miles northeast of the site, which is presumed down-gradient of the site. The site is located in a residential/ commercial area. Since concentrations of TRPH, ethylbenzene, and xylenes were not detected above the laboratory detection limit, it is unlikely that any domestic wells or surface water will be impacted. A well survey was not required.

6.0 REMEDIATION ACTIVITIES

Source removal by excavation was conducted at this site. Approximately 12.56 tons of soil were excavated and transported under non-hazardous waste manifest to Altamont Landfill, in Livermore, California.

7.0 REMEDIATION EFFECTIVENESS

The excavation activities have effectively removed the bulk of the contaminated soil containing TPRH at concentrations greater than 800 mg/kg. TRPH, ethylbenzene, and xylenes were detected at maximum concentrations of 800 mg/kg, 0.005 mg/kg and 0.013 mg/kg, respectively. Groundwater was encountered in the excavation of the tank at 12 ft bgs. TPRH was not detected above the laboratory detection limit.

CONCLUSIONS

This case is considered a low-risk soil case as defined by the California Regional Water Quality Control Board, San Francisco Bay Region's memorandum termed "Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low-Risk fuel Sites".

Closure Memorandum
SMCo Site # 668083
April 10, 2000

LOW RISK SOIL CASE

1. **The leak has been stopped and ongoing sources, including free product, have been removed.** The 12.56 tons of contaminated soil has removed and disposed properly.

2. **The site has been adequately characterized.** Soil sample analytical results detected TPRH, ethylbenzene, and xylenes at 800 mg/kg, 0.005 mg/kg, and 0.010 mg/kg, respectively.

3. **The dissolved hydrocarbon plume is not migrating**. Groundwater was encountered in the excavation. Analytical results did not contain contaminants above the laboratory detection limit.

4. **No water wells or other sensitive receptors are likely to be impacted**. Since TPRH was not detected above the laboratory detection limit, it appears as though water wells or sensitive receptors are not likely to be impacted.

5. **The site presents no significant risk to human health**. TRPH (800 mg/kg) ethylbenzene (0.005 mg/kg) and xylenes (0.010 mg/kg) were detected in the soil at the site. Based on the analytical results and the SFIA Human Health Protection Zone Tier 1 standards, the site does not present a significant risk to human health.

6. **The site presents no significant risk to the environment.** TRPH (800 mg/kg) ethylbenzene (0.005 mg/kg) and xylenes (0.010 mg/kg) were detected in the soil at the site. Based on the analytical results and the SFIA Ecological Protection Zone Tier 1 standards, the site does present a significant risk to the environment. However, this site is approximately 1,000 ft south of San Francisco Bay and the groundwater has been analyzed to show no impact.

Closure Memorandum
SMCo Site # 668083
April 10, 2000

SIGN-OFF

Based on the investigation, and other information which is currently and actually known to this agency, we have determined that all appropriate response actions have been completed, all acceptable or remedial practice were implemented, and no further investigation, remedial/removal action, or monitoring is required at the site with regard to a release of hazardous waste or substance from the underground storage tanks located at the site. We have determined that a significant release of gasoline, diesel fuels, and oil and grease have not occurred and that the shallow waters have not been significantly impacted. San Mateo County Groundwater Protection Program staff have determined that the water quality objectives of the San Francisco Bay Regional Water Quality Control Board have been satisfied.

_____ _____

Paresh C. Khatri, Hazardous Materials Specialist Date

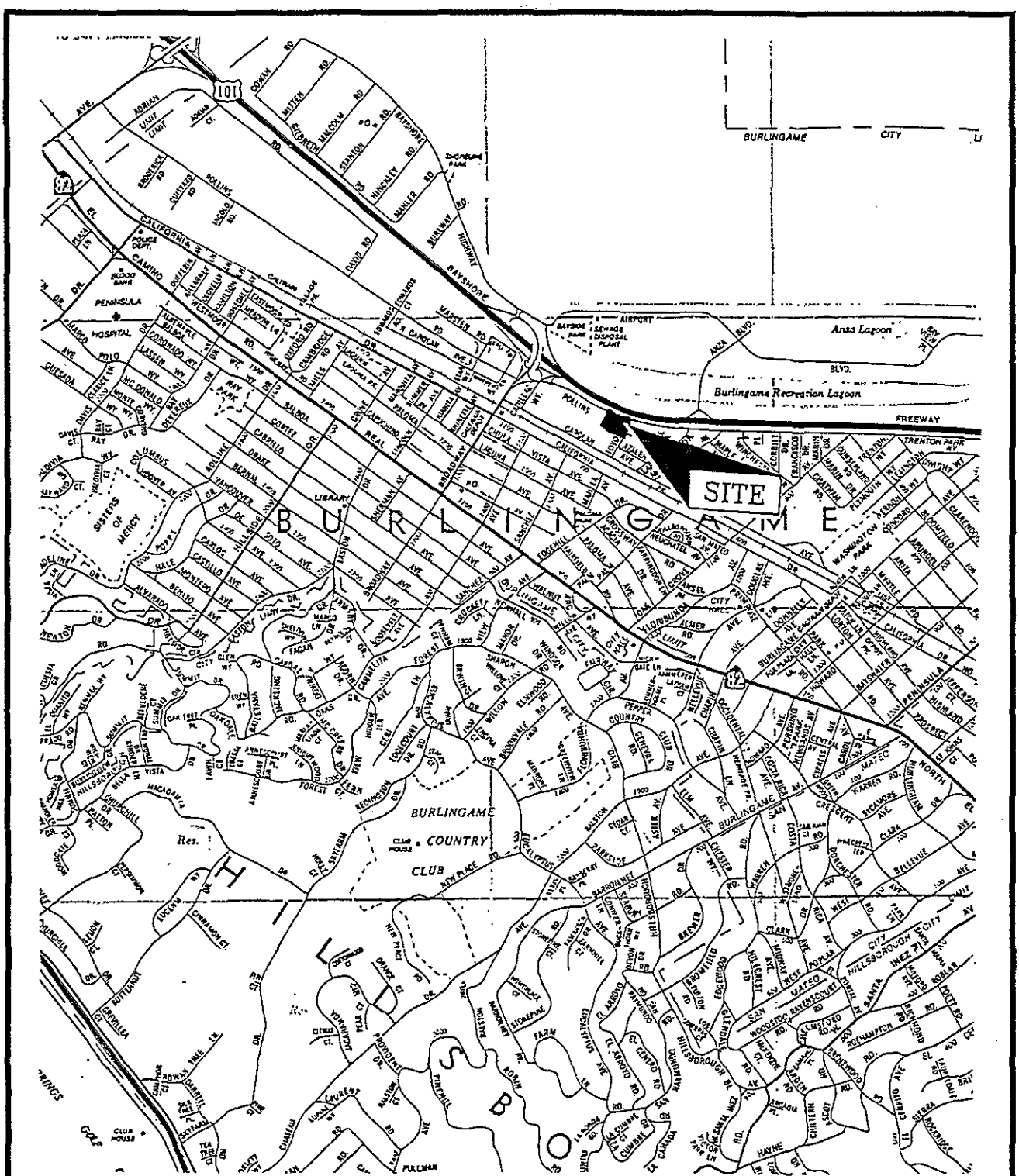
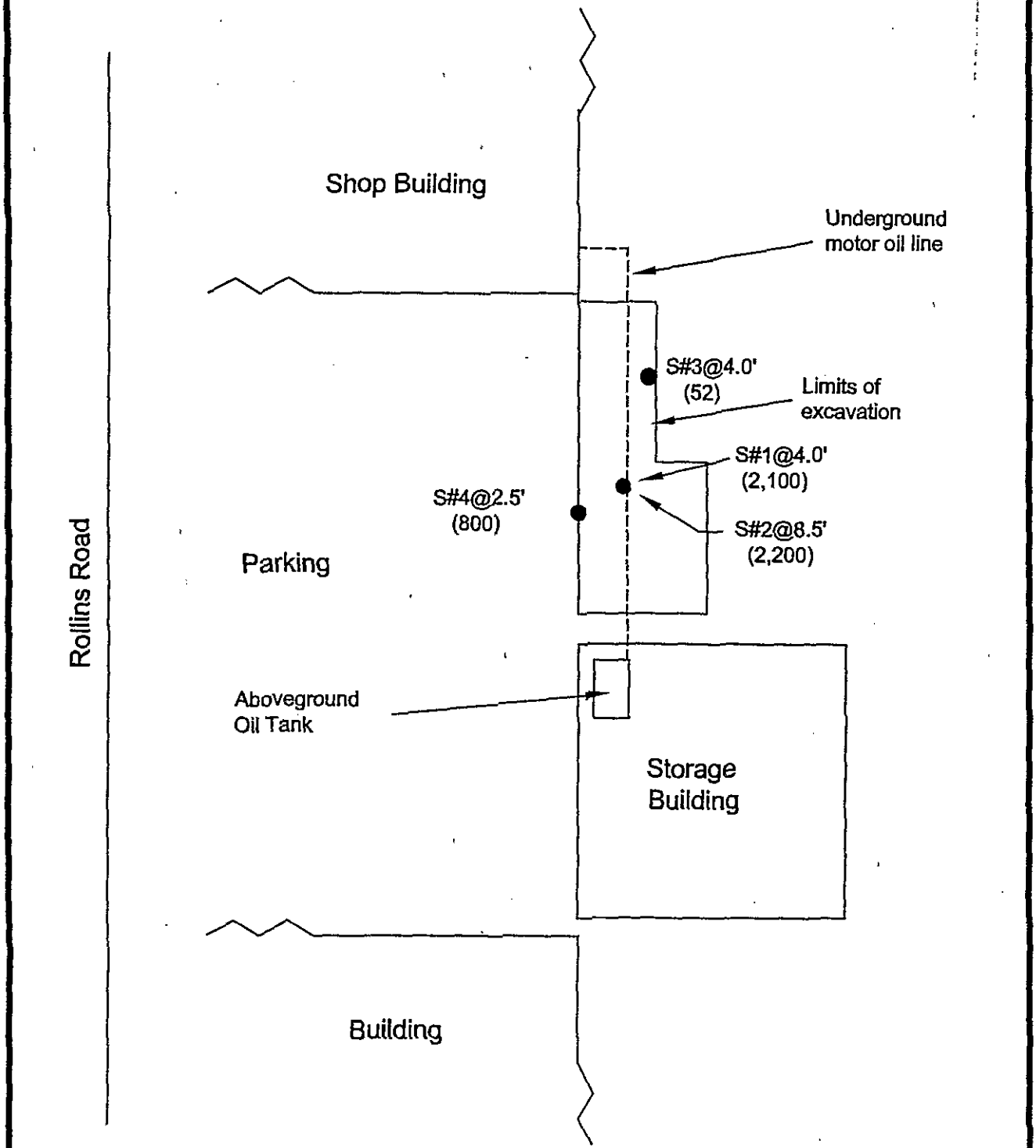


FIGURE 1 - SITE LOCATION MAP

Environmental/Engineering Consultants *Civic Center Tower* *675 North First Street, Suite 500* *San Jose, CA 95112*	Project Location 1007 Rollins Road Burlingame, California	Project no. 9430100



Note: (2,200) = Total Recoverable Petroleum Hydrocarbons (TRPH) in parts per million.

SCALE:
1"=10'

FIGURE 1 - SITE PLAN

Environmental/Engineering Consultants
Civic Center Tower
675 North First Street, Suite 500
San Jose, CA 95112

Project Location
1007 Rollins Road
Burlingame, California

Project no.
9430100

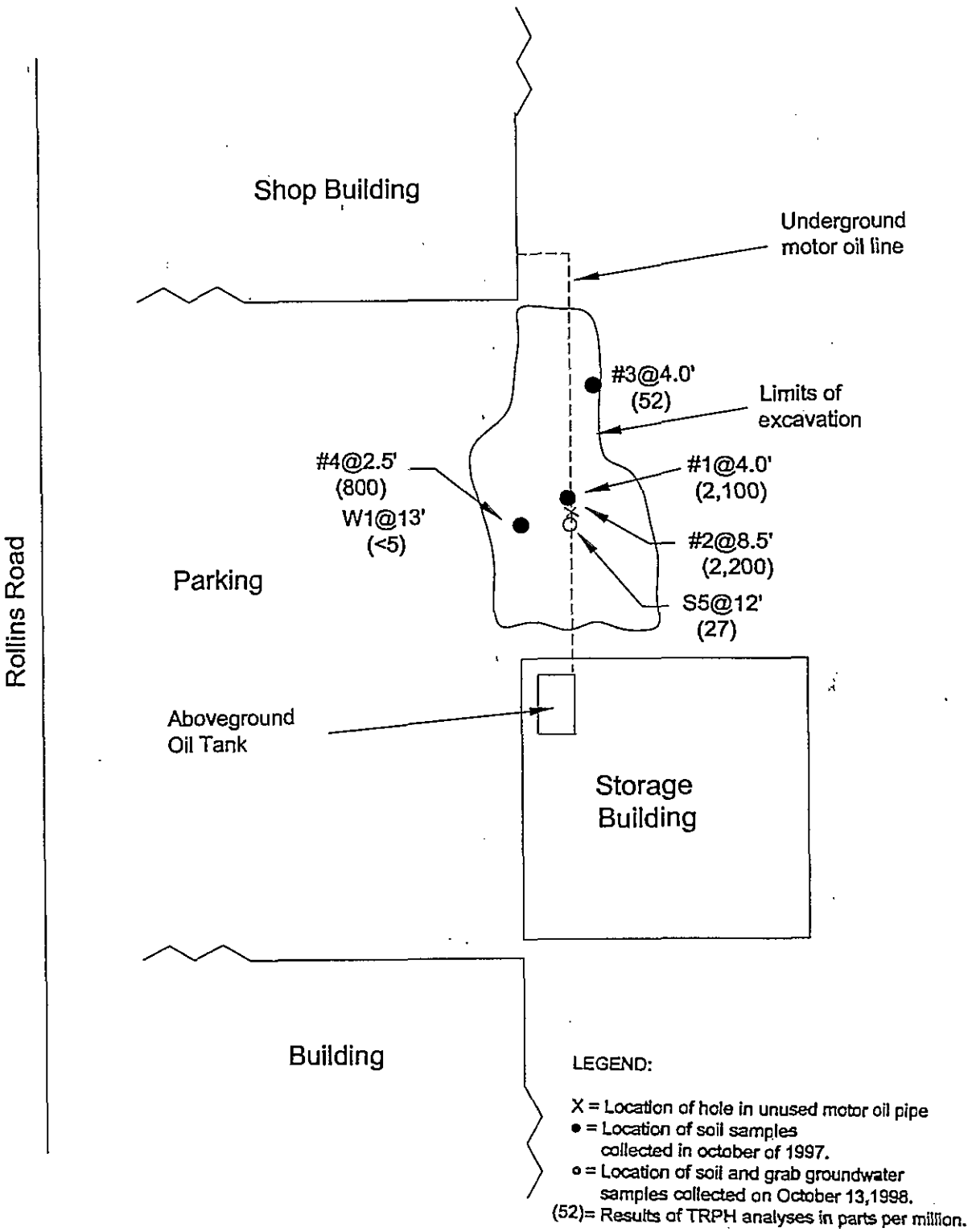


FIGURE 2 - SITE PLAN

Environmental/Engineering Consultants
Civic Center Tower
675 North First Street, Suite 500
San Jose, CA 95112

Project Location
1007 Rollins Road
Burlingame, California

Project no.
9430100

1380
C/O . GARY
D. ANT MINS

CASE CLOSURE MEMORANDUM

March 22, 1995

TO: **FILE**

FROM: **SAN MATEO COUNTY OFFICE OF ENVIRONMENTAL HEALTH**

SUBJECT: **SITE # 669002**
TEEVAN
1019 ROLLINS ROAD
BURLINGAME, CA 94010

San Mateo County Remedial Oversight Program (CROP) feel that the subject site warrants case closure. The site history, soil and groundwater analytical results and the current site conditions do not show evidence that a severe release has occurred or that the shallow ground water has been impacted.

SITE HISTORY:

The subject property is located in a commercial and light industrial area of Burlingame, approximately 1/4 mile southwest of the San Francisco Bay (See Figure 1). Currently the site is used as a parking lot for a car dealership.

Between 1973 to 1985, the site was occupied by Teevan Paint Company. In 1974, a sump was excavated on the southwest side of their building, as indicated on Figure 2 and Figure 3. The sump is reported to have been 8 feet wide by 12 feet long and 6 feet deep with gravel placed in the bottom. The purpose of this sump was believed to "facilitate rain drainage" and "drainage of water used to clean painters' hands faces and brushes used in latex paints." "Hydrocarbons such as paint thinner, was not to be placed in this gravel-filled hole."

Mr. Molakidis, the owner of the adjacent property, purchased this parcel in 1985. Prior to his purchase, the contaminated soil was reported to have been removed from the sump and replaced with clean soil by November 1985.

Two underground storage tanks, a 1,000 gallon gasoline tank and a 500 gallon solvent tank were removed from the site by Petroleum Products of San Jose in February, 1986. The analytical results from the soil underneath the tanks found from 0.730 to 18 ppm of Xylene and from 17 to 190 ppm of Mineral Spirits, as well as 10 ppm of Acrolein and Acrylonitrile in the soil after the tanks had been removed.

SITE INVESTIGATION:

In May, 1986, three groundwater monitoring wells were installed to depths of 20 to 31 feet (see Site Maps and boring logs). The groundwater results are recorded in Table 1,2,3 and 4.

In November and December, 1990, 22 soil borings were advanced to determine the extent of contamination across the site (See Figure 2 and Table 6). After review of the groundwater monitoring data, the gradient has consistently flown in a Westerly direction. Since none of the existing wells had been placed Westerly of the former sump and tank pit area, an additional well was required in that vicinity.

On March 15, 1994 MW-4 was installed (see figure 4 and soil boring log). No Halogenated Volatile Orgaincs were detected in the soil analysis. Only low levels of Metals were reported in the soil analysis. For the initial monitoring well sample, our office required that MW-4 be analyzed for Total Purgeable Petroleum Hydrocarbons with BTEX Distinctions and Halogenated Volatile Organics, Industrial Solvents as well as Metals. The TPH, HVO and IS all were reported below the detection level. Besides the metals reported in Table 3, only Benzene was reported in MW-1 at 1.4 ppb.

RECOMMENDATIONS:

Due to the low levels of soil contamination reported in the site investigation, the trace levels of groundwater contamination reported in the monitoring reports and other available information currently on file, the San Mateo CROP staff has determined that any impact to ground water on site would be minimal. District staff has also determined that the water quality objectives of the San Francisco Bay Regional Water Quality Control Board have been satisfied. We therefore recommend that this case be concluded with the appropriate final procedures.

_____ _____

Dermot Casey Date
County Remedial Oversight Program

TABLE.3

Summary of the Ground water Metal Analysis Between 1986 and 1995

Sampling Date	Well ID	Cd ppb 1	Cu ppb	Pb ppb	Hg ppb	Ni ppb	Zn ppb	Ti ppb	Cr ppb	Se ppb	As ppb
05/21/86	MW-1	N.D.2	N.D.	N.D.	1	N.D.	N.D.	N.D.	N.A.3	N.A.	N.A.
05/21/86	MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
05/21/86	MW-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-1	10	N.D.	N.D.	N.D.	70	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-2	20	N.D.	N.D.	N.D.	210	50	100.	N.A.	N.A.	N.A.
12/02/86	MW-3	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.
05/01/87	MW-1	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-2	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-3	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12/14/89	MW-1	N.D.	310	110	N.D.	440	840	N.A.	100	110	N.D.
12/14/89	MW-2	N.D.	100	150	2.5	570	290	N.A.	150	110	N.D.
12/14/89	MW-3	N.D.	110	32	N.D.	340	320	N.A.	98	38	N.D.
04/16/90	MW-1	N.D.	390	190	190	1900	850	N.A.	1200	N.D.	32
03/14/90	MW-2	N.D.	230	140	6.4	2000	450	N.A.	900	N.D.	N.D.
03/14/90	MW-3	N.D.	260	69	4	1700	560	N.A.	760	N.D.	N.D.
06/11/90	MW-1	N.D.	130	390	250	N.D.	270	N.A.	360	N.D.	20
06/11/90	MW-2	N.D.	260	210	3.7	N.D.	400	N.A.	830	N.D.	45
06/11/90	MW-3	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22
06/20/91	MW-1	N.D.	310	42	23	610.	300	N.A.	420	18	23
06/20/91	MW-2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/20/91	MW-3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08/17/93	MW-1	N.D.	N.D.	N.D.	1	110	27	N.A.	130	N.D.	N.D.
08/17/93	MW-2	N.D.	40	N.D.	1.2	N.D.	97	N.A.	190	N.D.	N.D.
08/17/93	MW-3	N.D.	26	N.D.	1.6	200	110	N.A.	100	N.D.	N.D.
03/15/94	MW-1	N.A.	N.A.	N.D.	0.52	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-3	N.A.	N.A.	8.6	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-4	N.D.	26	11	0.25	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-1	N.A.	N.A.	N.D.	0.58	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-3	N.A.	N.A.	N.D.	1.1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-4	N.D.	N.D.	N.D.	0.26	91	24	N.A.	10	N.D.	N.D.
10/27/94	MW-1	N.D.	N.D.	N.D.	026	49	7.0	N.D.	N.D.	N.D.	N.D.
10/27/94	MW-2	N.A.	N.A.	N.D.	0.22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10/27/94	MW-3	N.A.	N.A.	N.D.	0.82	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10/27/94	MW-4	N.D.	N.D.	N.D.	022	79	85	N.D.	N.D.	N.D.	N.D.
1/26/95	MW-1	N.D.	11	N.D.	0.46	110	8	N.D.	N.D.	N.D.	5.2
1/26/95	MW-2	N.A.	N.A.	11	0.66	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1/26/95	MW-3	N.A.	N.A.	N.D.	0.60	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1/26/95	MW-4	N.D.	N.D.	N.D.	034	61	10	N.D.	N.D.	N.D.	N.D.

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

5.0 CONCLUSIONS

- Benzene was not detected in any of the monitoring wells in this sampling episode.
- TPH-G was detected with a concentration of 63 ppb in MW-3. This level is slightly above the detection level of 50 ppb. There is no gasoline water quality objective for the protection of salt water aquatic life.
- Cis-1,2-Dichloroethene was detected with a concentration of 0.91 ppb in MW-1. This concentration is below the California MCL of 6 ppb. There is no water quality objective for the protection of salt water aquatic life for cis-1,2-Dichloroethene.

TABLE 1

WELL #	SAMPLING DATE	SALINITY	TOTAL DISOLVED SOLIDS
1	8/17/93	10	10,000
2	8/17/93	13	14,000
3	8/17/93	4.1	6,000

TABLE 2

GROUNDWATER ANALYSIS FOR MARCH 21, 1994

SAMPLE ID	GAS	BENZENE	TOLUENE	ETHL. BEN.	DCE
MW-1	ND	1.4 PPB	ND	ND	ND
MW-3	ND	ND	ND	ND	ND
MW-4	ND	ND	ND	ND	ND

GROUNDWATER ANALYSIS FOR JUNE 15, 1994

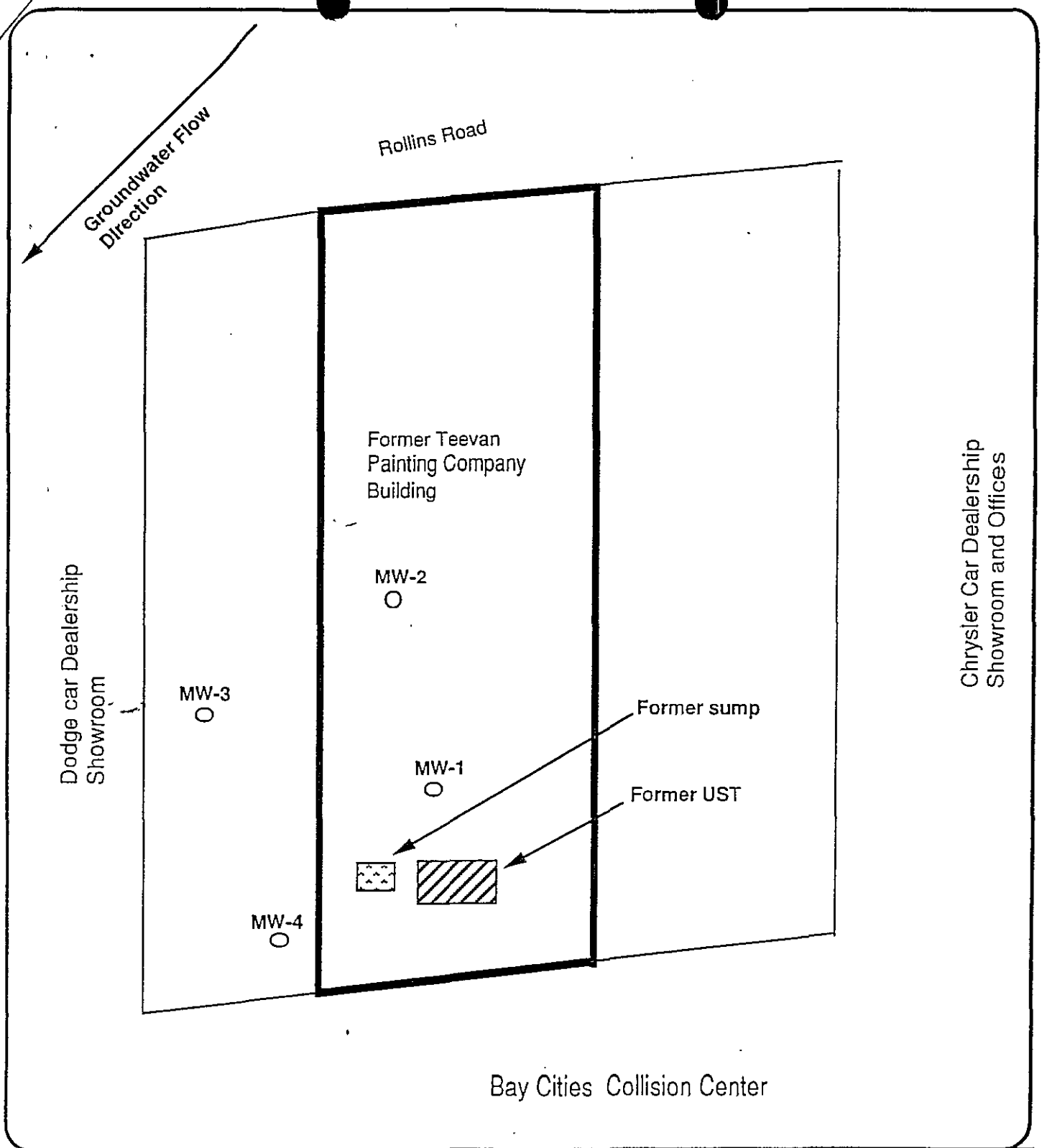
SAMPLE ID	GAS	BENZENE	TOLUENE	ETHL. BEN.	DCE
MW-1	ND	1.5 PPB	ND	ND	ND
MW-3	ND	ND	ND	ND	ND
MW-4	ND	ND	ND	ND	ND

GROUNDWATER ANALYSIS FOR NOVEMBER 9, 1994

SAMPLE ID	GAS	BENZENE	TOLUENE	ETHL. BEN.	DCE
MW-1	ND	ND	ND	ND	ND
MW-2	67 PPB	1.6 PPB	ND	ND	3.5 PPB
MW-3	ND	ND	ND	ND	ND
MW-4	130 PPB	ND	ND	ND	ND

GROUNDWATER ANALYSIS FOR JANUARY 26, 1995

SAMPLE ID	GAS	BENZENE	TOLUENE	ETHL. BEN.	DCE
MW-1	ND	ND	ND	ND	0.91 PPB
MW-2	ND	ND	ND	ND	ND
MW-3	63 PPB	ND	ND	ND	ND
MW-4	ND	ND	ND	ND	ND



Revisions	Date	Page	Site Plot Plan	By: ACCUTITE ENVIRONMENTAL ENGINEERING
	4/19/94	1	1019 Rollins Road Burlingame, CA	
1		of		
		1		
NORTH	Scale: 1" = 20'		Legend: MW = Monitoring Well Approximate Location of Former Sump Approximate Location of Former Gas Tank	35 South Linden Avenue South San Francisco California 94080

FIGURE 4

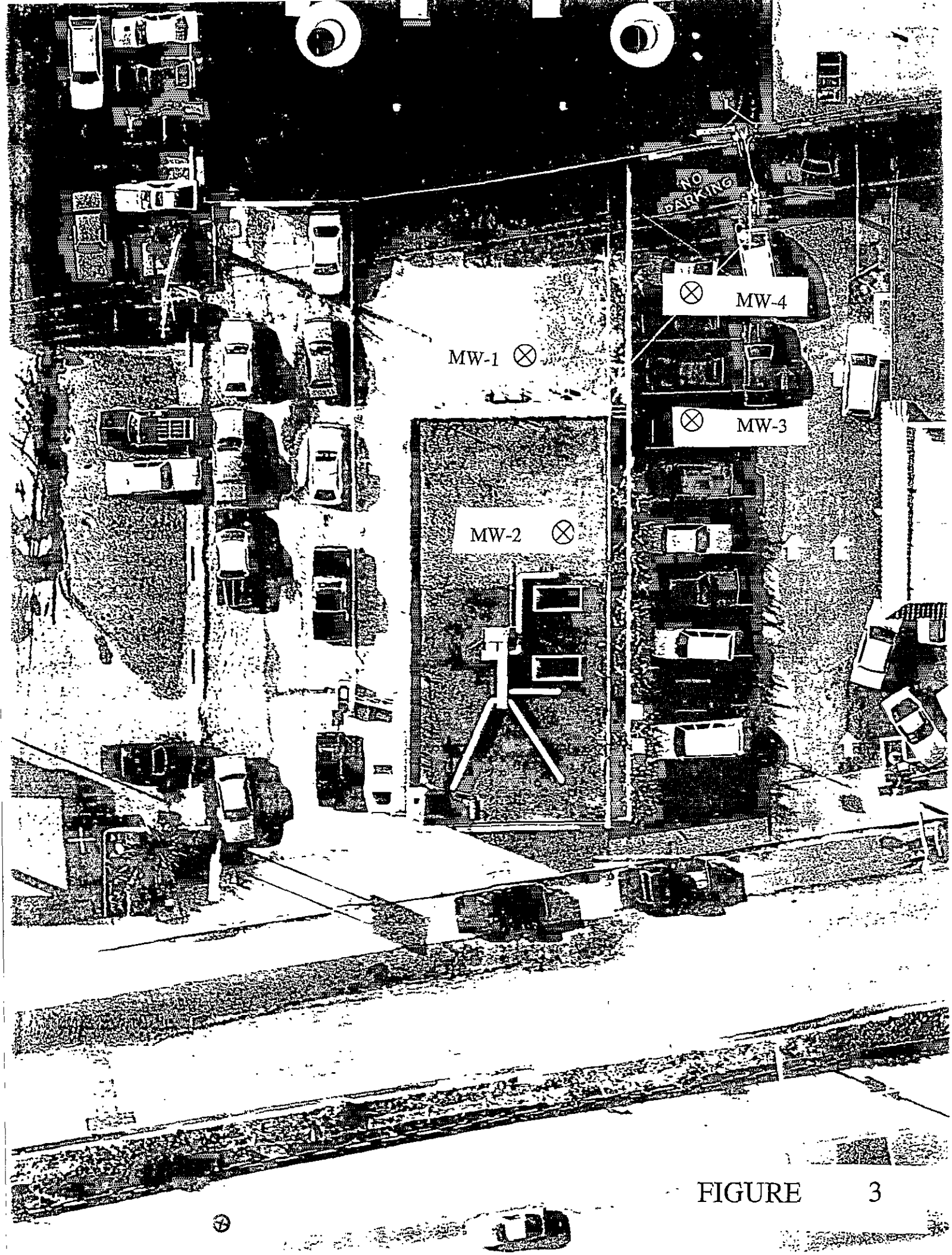
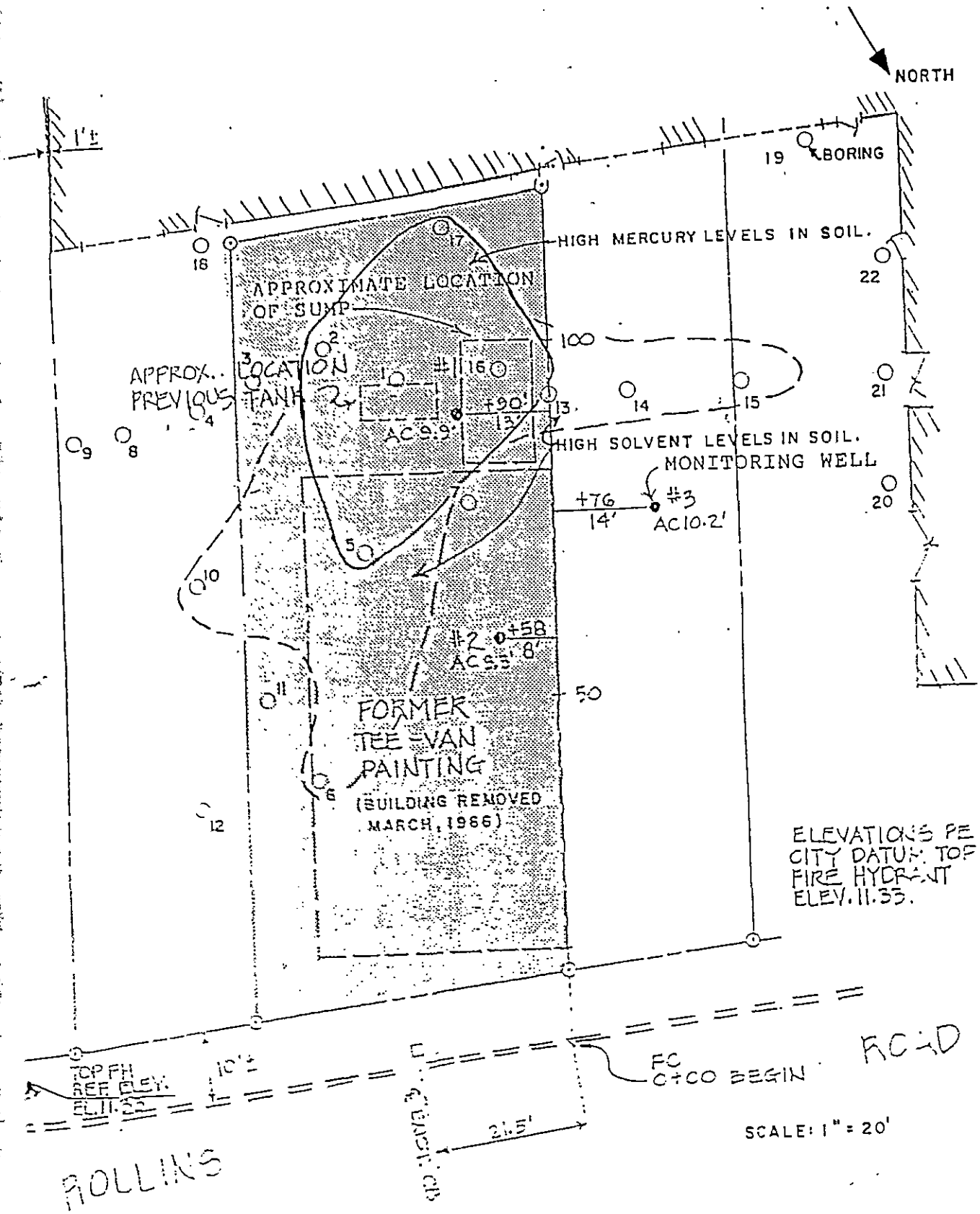


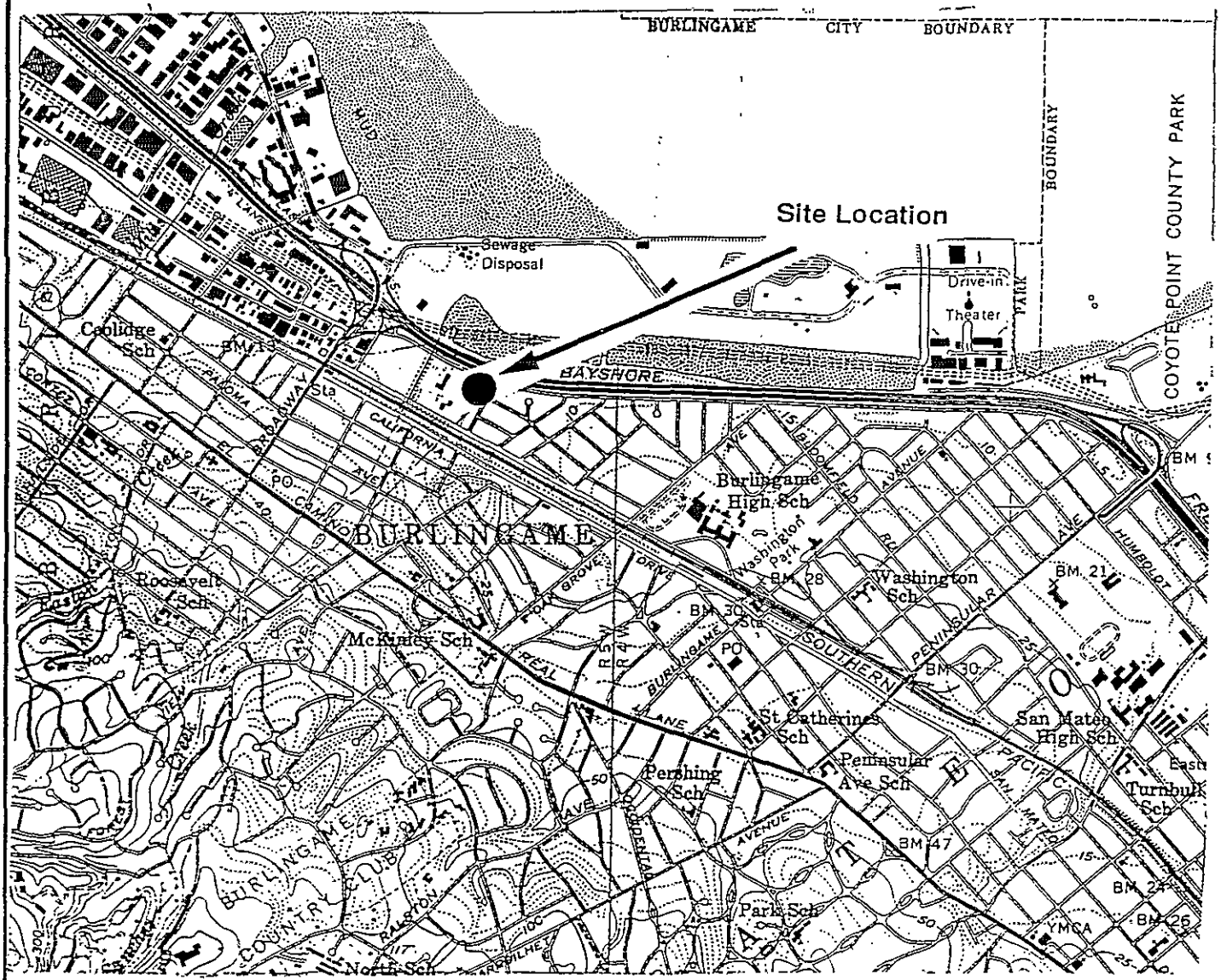
FIGURE 3



PLOT PLAN

FIGURE 2

MATEO QUADRANGLE
ALIFORNIA—SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Revisions	Date	Page	Site:	By:
	9 30 93	1	1019 Rollins Road Burlingame, CA	ACCUTITE ENVIRONMENTAL ENGINEERING
1		of		
		1		
NORTH		Site Location		35 South Linden Avenue South San Francisco California 94080

FIGURE 1

2.1 SUMMARY OF SOIL SAMPLING AND ANALYSES TO DATE

In November and December, 1990, Hydro-Geo Consultants, Inc. drilled a total of 22 soil boreholes at the site. The soil samples were analyzed for mercury, lead, and industrial solvents. A summary of the soil sample laboratory results is presented in Table 2 below. This Table shows only the detected contaminants. For further details of this subsurface investigation, please review Hydro-Geo Consultants, Inc. report, dated January 11, 1991 (Appendix E).

TABLE 6 Summary of the Soil Sampling Analytical Results from the 1990 Subsurface Investigation

Borehole #	Sampling Date	Sampling Depth (ft)	Mercury Hg mg/kg	Lead mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg
B1	11/2090	7.5	1.9	N.D.	N.D.	N.D.
B2	11/2090	6	0.42	N.D.	N.D.	N.D.
B2	11/2090	11	0.25	N.D.	N.D.	N.D.
B5	11/2090	8	N.D.	N.D.	1.6	16
B8	12/0590	6	0.050	1.2	N.D.	N.D.
B8	12/0590	6.5-10	0.048	0.96	N.D.	1.9
B8	12/0590	11	0.049	1.5	N.D.	N.D.
B8	12/0590	16	0.047	4.1	N.D.	N.D.
B9	12/0590	6	0.049	N.D.	N.D.	N.D.
B9	12/0590	7	0.049	5.3	1.5	N.D.
B9	12/0590	9	0.047	2.9	N.D.	N.D
B10	12/0590	7	0.048	0.76	N.D.	15
B10	12/0590	11	0.049	3.9	N.D.	N.D.
B11	12/05/90	6	0.050	4.8	N.D.	N.D.
B11	12/05/90	11	0.049	6.0	N.D.	N.D.
B12	12/05/90	6	0.050	4.6	N.D.	N.D.
B12	12/05/90	11	0.050	7.3	N.D.	N.D.
B13	12/05/90	6	0.049	1.7	N.D.	N.D.
B13	12/05/90	7	0.046	6.2	N.D.	20
B13	12/05/90	11	0.097	5.9	N.D.	N.D.
B13	12/05/90	16	0.14	5.2	N.D.	N.D.
B14	12/05/90	6	0.047	5.4	N.D.	N.D.
B14	12/05/90	8	0.050	5.9	N.D.	16
B14	12/05/90	11	0.049	4.6	N.D.	N.D.
B15	12/05/90	11	0.049	4.8	N.D.	N.D.
B15	12/05/90	18.5	0.046	4.0	N.D.	37
B16	12/05/90	11	0.33	6.9	N.D.	N.D.
B16	12/05/90	16	0.097	4.2	N.D.	N.D.
B16	12/05/92	21	0.047	6.6	N.D.	N.D.
B17	12/07/90	5	0.33	N.D.	N.D.	N.D.
B17	12/07/90	10.5	0.045	N.D.	N.D.	N.D.
B17	12/07/90	21	0.050	N.D.	N.D.	N.D.
B18	12/07/90	6	0.14	N.D.	N.D.	N.D.
B18	12/07/90	11.5	0.10	N.D.	N.D.	N.D.
B20	12/07/90	6	0.045	N.D.	N.D.	N.D.
B20	12/07/90	11	0.050	N.D.	N.D.	N.D.
B21	12/07/90	6	0.045	N.D.	N.D.	N.D.
B21	12/07/90	11	0.046	N.D.	N.D.	N.D.
B22	12/07/90	6	0.049	N.D.	N.D.	N.D.
B22	12/07/90	11	0.048	N.D.	N.D.	N.D.
			TTLC* 20	TTLC* 1,000		

* Total Threshold Limit Concentration for classification as hazardous waste.

2.2 SUMMARY OF PAST GROUNDWATER SAMPLING AND ANALYSIS

Between 1986 and 1992, the three monitoring wells at the site were sampled a total of seven times. Table 3 below contains a summary of the analytical findings for the metal analyses. Table 4 summarizes the organic hydrocarbon results. For more details on the sampling events and laboratory analyses, see Table 1 of this report.

TABLE 4

Summary of Groundwater Organic Hydrocarbons Analysis

Well ID #	Sampling Date	1,2 Dichloro-ethene ppb [1]	Xylenes ppb	Trans-1,2, Dichloro-ethene ppb	Benzene ppb	Ethyl benzene ppb	Chloro-form ppb
1	05/21/86	N.D.[2]	N.D.	N.D.	N.D.	N.D.	N.D.
2	05/21/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	05/21/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1	12/02/86	N.D.	N.D.	1.9	N.D.	N.D.	N.D.
2	12/02/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	12/02/86	N.D.	N.D.	N.D.	N.D.	N.D.	0.54
1	05/01/87	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	05/01/87	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	05/01/87	N.D.	N.D.	N.D.	N.D.	N.D.	0.54
1	12/14/89	12	1.8	N.D.	0.99	1.9	N.D.
2	12/14/89	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	12/14/89	N.D.	N.D.	N.D.	N.D.	N.D.	0.54
1	04/16/90	16	6.7	N.A.[3]	8.6	12	N.D.
2	04/16/90	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	04/16/90	N.D.	N.D.	N.D.	N.D.	N.D.	1.0
1	06/11/90	23	N.D.	N.D.	11	4.2	N.D.
2	06/11/90	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	06/11/90	N.D.	N.D.	N.D.	N.D.	N.D.	1.0
1	06/20/91	N.D.	N.D.	4.5[4]	4.0	4.0	N.D.
2	06/20/91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3	06/20/91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
DRINKING WATER STANDARDS		6	1,750	10	1	680	100

1- ppb = Parts per billion

2- N.D. = Non Detect or below detection limit

3- N.A. = Not Analyzed for

4- This is a concentration of cis-1, 2-dichloroethene

TABLE 5

Well #	Date	Depth to Water (ft)	Water Elevation (MSL)
1	8/17/93	7.167	2.733
2	8/17/93	6.583	3.617
3	8/17/93	7.333	1.967

Based on the measured water elevations, the groundwater flow direction is toward the west at a gradient of 0.051 ft/ft. The calculations of the groundwater flow direction are provided in Appendix C.

BORING LOG

BORING No.: B-1
ELEVATION: 9.9' (ref. el.)
SURFACE: AC
GROUNDWATER: 7.5'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/7/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE 2½" DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I.
2" AC; 8" baserock Dark yellowish brown silty to sandy clay with rock fragments slight solvent odor; damp		5	28	CL FILL	10 YR 4/2							
Light bluish gray gravel to 3" in dia. (ss. rounded) White paint at 7½'; strong solvent odor		10	13	GP	5 B 7/1							
Moderate yellowish brown silty clay, occasional rock fragment; no solvent odor; firm; wet		15	23	CL	10 YR 5/5							
No solvent odor		20										
		25										
		30										
		35										

PLATE 3-A

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER

BORING LOG

BORING No.: B-3
ELEVATION: 10.2' (ref. el.)
SURFACE: AC
GROUNDWATER: 8'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/8/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I
2" AC; 8" baserock Moderate yellowish brown silty to sandy clay with occasional rock fragment; slight solvent odor above 8'; firm Grades sandy No solvent odor		5 10 15 20 25 30 35		CL CL	10 YR 5/5 to 5 Y 5/2							

BORING LOG

BORING No.: B-2
ELEVATION: 9.3 (ref. el.)
SURFACE: AC
GROUNDWATER: 7.2'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/7/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE 2½" DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I.
2" AC; 12" baserock Brown sandy to silty clay; no solvent odor; damp			←FILL→	CL	10 YR 5/5 to 5 YR 3/2							
Moderate yellowish brown silty clay, occasional rock fragment slight solvent odor at 8'; firm; wet				CL	10 YR 5/5							
Grades sandy No solvent odor												
Light olive brown silty to sandy clay; firm; saturated; no solvent odor												
Grades sandy			39	CL to SC	5 Y 5/6							

PLATE 3-B

ACCUTITE SOIL BORING LOG

PROJECT NO. _____ LOCATION 1019 Rollins Road

CLIENT Al Molakidis Burlingame, CA

BORE HOLE NO. _____ LOGGED BY A. Breckenridge ELEVATION _____

DATE DRILLED 3/15/94 START 8:45 FINISH 10:25 Drill MONITOR HOLE NO. MW-4

DRILLING METHOD HOLLOW STEM AUGER SAMPLING METHOD CA MODIFIED SPLIT SPOON DRILLED BY Perfecto & Louis HEW DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED INT	OVR ppm	ID	SOIL DESCRIPTION	UNIFIED SOIL CLASSIF.	GRAPHIC LOG	PENETRATION COLLECTED BLOWS 6"X6"X6"	WELL CONSTRUCTION DETAILS
				ASPHALT 4/4/3 BROWN CIAY, GRAVEL, 3/3/2 DARK BROWN CLAY W/ GRAVEL				Christy Box Cement Grout
5		1	MW-5.5'	DARK YELLOW BROWN 10 YR-4/6, W/ DARK BROWN SPOTS. SILTY CLAY W/ COARSE GRAVEL, LOW PLASTICITY CLAY 5G/-51 - GREENESH GRAY	CL		9x14x16	5'of 2" dia. PVC Blank Bentonite bet 3' & 4'
10		0	MW-10'	4/6 (10YR) DARK YELLOW BROWN NO ODOR, SATURATED VERY DENSE, VERY STIFF, WELL GRADED 2" DIAMETER ROCKS FINE TO VERY COARSE	GW		16x17x20	
15		0	MW-15'	10 YR-5/4 YELLOW BROWN, SILTY CLAY STIFF DRY TO DAMP, NO ODOR, MED DENSE, MED PLASTICITY	CL		6x7x9	25' of 0.02" slotted PVC 2" Dia Monterey #3 sand
20		0	MW-20'	SAME + SOME FINE GRAVEL	CL		4x6x8	
25		0	MW-25'	10 YR- 4/6- DARK YELLOW BROWN, SAME , NO GRAVEL, MED STIFF	CL		5x7x10	
30		0	MW-30'	5 YR 6/1- GREENISH GRAY, MED PLASTITICITY , DRY, NO ODOR, MED DENSE, MED STIFF, SILTY CLAY	CL		5x6x10	Threaded end cap

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
FEB 27 1995
RECEIVED

14

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

February 24, 1995

Mr. Dermot Casey
Hazardous Materials Specialist
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: Sampling and Analysis of the Ground Water for the First Quarter of 1995 at 1019 Rollins Road in Burlingame, California

Dear Mr. Casey:

Accutite Environmental Engineering is pleased to submit this report summarizing the quarterly ground water sampling and analysis at 1019 Rollins Road in Burlingame, California. This report is for the first quarter of 1995. As you requested in your letter dated December 22, 1993, this quarterly sampling is the fourth and last sampling episode. A summary of the analytical results of this quarter is as follows:

- Benzene was not detected in any of the monitoring wells in this sampling episode.
- TPH-G was detected with a concentration of 63 ppb in MW-3. This level is slightly above the detection level of 50 ppb. There is no gasoline water quality objective for the protection of salt water aquatic life.
- Cis-1,2-Dichloroethene was detected with a concentration of 0.91 ppb in MW-1. This concentration is below the California MCL of 6 ppb. There is no water quality objective for the protection of salt water aquatic life for cis-1,2-Dichloroethene.
- The highest level of Mercury concentration was in MW-2, 0.66 ppb. This concentration is below the California Primary MCL of 2 ppb.
- The pH of the water was averaged 6.7.

Based on Total Dissolved Solids (TDS) of 6,000 to 14,000 ppm and salinity of 4.1 to 10 (results from 8/17/93 sampling), the ground water at the subject site is not considered drinking water.

From the analytical findings obtained from the last four sampling episodes, the concentrations of the analyzed organic and inorganic constituents in the ground water at the subject site were below the California Ocean Plan Numerical Water Quality Objective levels for hard water. Therefore, Accutite recommends site closure.

RECYCLED PAPER

Accutite will contact you at a later date to discuss the analytical findings of this report. Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb, P.E., R.E.A.
Project Manager

cc: Mr. Al Molakidis

Enclosure

RECYCLED PAPER

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

1995 FIRST QUARTER GROUND WATER SAMPLING AND ANALYSIS

AT

1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA

Prepared For: Mr. Al Molakidis
87 West Poplar Avenue
San Mateo, California 94402

Prepared By: Accutite Environmental Engineering
35 South Linden Avenue
South San Francisco, CA 94080
Sami Malaeb, P.E., R.E.A.

Sampling Date: January 26, 1995

RECYCLED PAPER

TABLE OF CONTENTS

RECYCLED PAPER

1.0 INTRODUCTION

Mr. Alfred Molakidis retained Accutite Environmental Engineering (Accutite) to conduct quarterly sampling and analysis of the ground water at 1019 Rollins Road in Burlingame, California (Figure 1). This report presents the analytical findings from the first quarter of 1995.

1.1 BACKGROUND

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986. Subsequently, Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells onsite. Between 1986 and 1994, these three wells were sampled several times. For a summary of all quarterly monitoring activities and further background information, please see Accutite's report, dated November 17, 1993, titled "Ground Water Monitoring and Summary of Subsurface Investigation at 1019 Rollins Road, Burlingame, California".

Following the review of Accutite's November 17, 1993 report, Mr. Dermot Casey, of the San Mateo County Department of Health Services (SMCDHS) recommended the installation of one ground water monitoring well in the presumed downgradient from the former sump and underground gasoline tank. Also, Mr. Casey recommended additional four quarters of sampling and analysis of the ground water in the new well and wells MW-1 and MW-3. The County's letter is provided in Appendix A.

Based on the SMCDHS recommendations, Accutite installed one additional monitoring well onsite and sampled this new well, MW-1 and MW-3 in April and June, 1994, and October 1994.

During a meeting at the SMCDHS on January 17, 1995, Mr. Casey and Mr. Dean Peterson recommended to conduct one more sampling and analysis episode of all four wells at the subject site. Following this sampling episode, if the analytical data still show the same minor levels of contamination, a site closure will be recommended. This report summarizes the fourth and last sampling episode

2.0 SAMPLING AND ANALYSIS

On January 26, 1995, all four monitoring wells were purged with the use of a variable speed, non air-actuated hydrolift pump. This pump was connected to a high density polyethylene, well dedicated, clean tubing and check valve. With the use of this well dedicated tubing, a minimum of four well volumes, or until temperature, conductivity, and pH have stabilized, were removed prior to sampling. Purge water was collected in a labeled drum. The water from this drum will be disposed of in the sewer system after the approval of the City of Burlingame.

Ground water samples were obtained through the same well dedicated tubing, and were directly transferred into the sampling bottles. VOA laboratory cleaned glass vials were used for analysis of Total Petroleum Hydrocarbons as Gasoline (TPH-G), Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX), and Halogenated Volatile Organics. Other bottles for metal analysis were provided by Sequoia Analytical Laboratory. Containers were labeled, placed on blue ice inside an ice chest, and transported under chain of custody, within 24 hours, to a Sequoia Analytical Laboratory for analysis.

3.0 GRADIENT DETERMINATION

A ground water elevation measurement in all four wells was completed prior to sampling on January 26, 1995, during normal tide. Water elevation in all four wells was measured once more on February 2, 1995, during high tide. Ground water flow direction calculations from both set of elevation data are included in Appendix B.

Table 1- Water Table Elevations from 1/26/95 Data (Normal Tide)

Well ID#	Top of Well Casing Elevation (ft)	Depth to Water Table (ft)	Water Table Elevation from Mean Sea Level (MSL) in feet
MW-1	9.18	5.80	3.38
MW-2	8.74	5.30	3.44
MW-3	9.54	6.05	3.49
MW-4	10.12	6.67	3.45

Table 2- Water Table Elevations from 2/2/95 Data (High Tide)

Well ID#	Top of Well Casing Elevation (ft)	Depth to Water Table (ft)	Water Table Elevation from Mean Sea Level (MSL) in feet
MW-1	9.18	5.90	3.28
MW-2	8.74	5.40	3.34
MW-3	9.54	6.18	3.36
MW-4	10.12	6.78	3.34

The ground water flow direction calculated from both sets of water elevation data is toward the Southeast. Ground water levels often fluctuate seasonally. The local flow direction beneath the subject site may be naturally influenced by zones of higher permeability such as buried stream channels, or artificially influenced by nearby well pumping or recharge. Therefore, the ground water flow direction at the subject site may fluctuate and differ from the calculated gradient.

4.0 ANALYTICAL RESULTS

Water samples were labeled as : MW-1, MW-2, MW-3, MW-4
Where: MW = Monitoring Well
1, 2, 3, and 4 are the well numbers

Three water samples were collected from each of the four wells and analyzed. All samples were analyzed for TPH-G, BTEX, Halogenated Volatile Organics, Lead, and Mercury. In addition, the samples collected from MW-1 and MW-4 were analyzed for EPA Priority Pollutants as Metals. The laboratory results are included in Appendix C. A summary of the detected contaminants is presented in Tables 4 and 5 below:

1/26/95

Table 3 Analytical Results for the Detected Metals

Sample ID	Antimony (Sb) ppb[1]	Arsenic (As) ppb	Copper (Cu) ppb	Lead (Pb) (ppb)	Mercury (Hg) (ppb)	Chromium (Cr) (ppb)	Nickel (Ni) (ppb)	Zinc (Zn) (ppb)
MW-1	8.0	5.2	11	N.D.[2]	0.0.46	N.D.	110	8.0
MW-2	N.A.[3]	N.A.	N.A.	11	0.66	N.A.	N.A.	N.A.
MW-3	N.A.	N.A.	N.A.	N.D.	0.60	N.A.	N.A.	N.A.
MW-4	N.D.	N.D.	N.D.	N.D.	0.0.34	N.D.	61	10

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

Table 4 Analytical Results for TPH-G, BTEX, and Halogenated Volatile Organics

Sample ID	TPH-G ppb	Benzene ppb	Toluene ppb	Ethyl-Benzene ppb	Xylenes ppb	cis-1,2-Dichloroethene*
MW-1	N.D.	N.D.	N.D.	N.D.	N.D.	0.91
MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MW-3	63	N.D.	N.D.	N.D.	N.D.	N.D.
MW-4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

* No other Halogenated Volatile Organics were detected

For comparison, the laboratory results for metals from the past sampling episodes are presented in Table 5 below:

Table 5 Summary of the Ground water Metal Analysis Between 1986 and 1995

Sampling Date	Well ID	Cd ppb 1	Cu ppb	Pb ppb	Hg ppb	Ni ppb	Zn ppb	Ti ppb	Cr ppb	Se ppb	As ppb
05/21/86	MW-1	N.D.2	N.D.	N.D.	1	N.D.	N.D.	N.D.	N.A.[3]	N.A.	N.A.
05/21/86	MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
05/21/86	MW-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-1	10	N.D.	N.D.	N.D.	70	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-2	20	N.D.	N.D.	N.D.	210	50	100.	N.A.	N.A.	N.A.
12/02/86	MW-3	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.
05/01/87	MW-1	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-2	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-3	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12/14/89	MW-1	N.D.	310	110	N.D.	440	840	N.A.	100	110	N.D.
12/14/89	MW-2	N.D.	100	150	2.5	570	290	N.A.	150	110	N.D.
12/14/89	MW-3	N.D.	110	32	N.D.	340	320	N.A.	98	38	N.D.
04/16/90	MW-1	N.D.	390	190	190	1900	850	N.A.	1200	N.D.	32
03/14/90	MW-2	N.D.	230	140	6.4	2000	450	N.A.	900	N.D.	N.D.
03/14/90	MW-3	N.D.	260	69	4	1700	560	N.A.	760	N.D.	N.D.
06/11/90	MW-1	N.D.	130	390	250	N.D.	270	N.A.	360	N.D.	20
06/11/90	MW-2	N.D.	260	210	3.7	N.D.	400	N.A.	830	N.D.	45
06/11/90	MW-3	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22
06/20/91	MW-1	N.D.	310	42	23	610.	300	N.A.	420	18	23
06/20/91	MW-2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/20/91	MW-3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08/17/93	MW-1	N.D.	N.D.	N.D.	1	110	27	N.A.	130	N.D.	N.D.
08/17/93	MW-2	N.D.	40	N.D.	1.2	N.D.	97	N.A.	190	N.D.	N.D.
08/17/93	MW-3	N.D.	26	N.D.	1.6	200	110	N.A.	100	N.D.	N.D.
03/15/94	MW-1	N.A.	N.A.	N.D.	0.52	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-3	N.A.	N.A.	8.6	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-4	N.D.	26	11	0.25	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-1	N.A.	N.A.	N.D.	0.58	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-3	N.A.	N.A.	N.D.	1.1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-4	N.D.	N.D.	N.D.	0.26	91	24	N.A.	10	N.D.	N.D.
10/27/94	MW-1	N.D.	N.D.	N.D.	026	49	7.0	N.D.	N.D.	N.D.	N.D.
10/27/94	MW-2	N.A.	N.A.	N.D.	0.22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10/27/94	MW-3	N.A.	N.A.	N.D.	0.82	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10/27/94	MW-4	N.D.	N.D.	N.D.	022	79	85	N.D.	N.D.	N.D.	N.D.
1/26/95	MW-1	N.D.	11	N.D.	0.46	110	8	N.D.	N.D.	N.D.	5.2
1/26/95	MW-2	N.A.	N.A.	11	0.66	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1/26/95	MW-3	N.A.	N.A.	N.D.	0.60	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1/26/95	MW-4	N.D.	N.D.	N.D.	034	61	10	N.D.	N.D.	N.D.	N.D.

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

5.0 CONCLUSIONS

- Benzene was not detected in any of the monitoring wells in this sampling episode.
- TPH-G was detected with a concentration of 63 ppb in MW-3. This level is slightly above the detection level of 50 ppb. There is no gasoline water quality objective for the protection of salt water aquatic life.
- Cis-1,2-Dichloroethene was detected with a concentration of 0.91 ppb in MW-1. This concentration is below the California MCL of 6 ppb. There is no water quality objective for the protection of salt water aquatic life for cis-1,2-Dichloroethene.

- The highest level of Mercury concentration was in MW-2, 0.66 ppb. This concentration is below the California Primary MCL of 2 ppb.

- The pH of the water was approximately 6.7.

6.0 RECOMMENDATIONS

Based on Total Dissolved Solids (TDS) of 6,000 to 14,000 ppm and salinity of 4.1 to 10 (results from 8/17/93 sampling), the ground water at the subject site is not considered drinking water.

From the analytical findings obtained from the last four sampling episodes, the concentrations of the analyzed organic and inorganic constituents in the groundwater at the subject site were below the California Ocean Plan Numerical Water Quality Objective levels for hard water. Therefore, Accutite recommends site closure.

7.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

Thank you for the opportunity to provide you with our services. If you have any questions, please contact the undersigned at (415) 952-5551.

Report prepared by:
Accutite Environmental Engineering,

Sami Malaeb

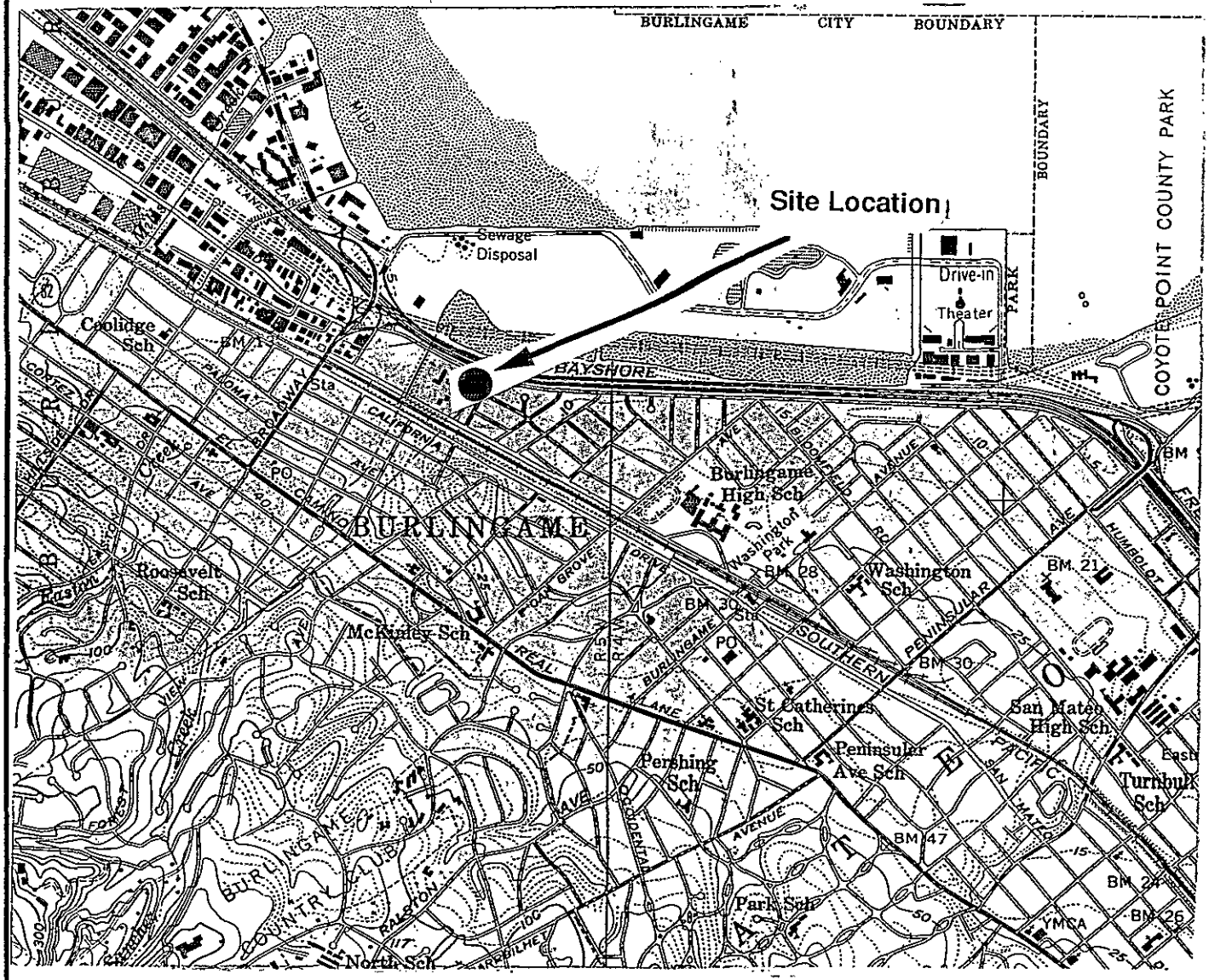
Sami Malaeb, P.E., R.E.A.
Project Manager

cc: Mr. Al Molakidis, 87 West Poplar Avenue
San Mateo, California 94402

RECYCLED PAPER

FIGURES

SAN MATEO QUADRANGLE
CALIFORNIA—SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Revisions	Date	Page	Site: 1019 Rollins Road Burlingame, CA	By: ACCUTITE ENVIRONMENTAL ENGINEERING
	9/30/93	1		
1		of		
		1		
NORTH ↑	Figure 1		Site Location	35 South Linden Avenue South San Francisco California 94080

APPENDIX A

SMCDHS CORRESPONDENCE

Department of Health Services
ENVIRONMENTAL HEALTH SERVICES DIVISION

COUNTY OF SAN MATEO
590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063

BOARD OF SUPERVISORS
RUBEN BARRALES
MARY GRIFFIN
TOM HUENING
TED LEMPERT
MICHAEL D. NEVIN

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

(415) 363-4305
FAX # (415) 363-7882

December 22, 1993

ATTN: Alfred Molakidis
627 Occidental Avenue
San Mateo, CA 94402

SUBJECT: **PROPERTY AT 1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA**

I reviewed the Groundwater Monitoring and Summary of Subsurface Investigation Report, dated November 17, 1993, for the subject property. The latest round of sampling reported analytical results below drinking water standards for all contaminants. However, according to the August 17, 1993 calculated groundwater flow direction, there are no wells placed directly down gradient from the former tank pit and sump area. In order to qualify for case closure, this office recommends that a minimum of one additional well be placed within fifteen feet of the former sump area, in the "Westerly" direction.

This well will be required to be screened at the bottom of the aquifer allowing groundwater samples to be collected just above the aquitard. A total of four consecutive quarters of analytical results must be submitted from the down gradient well. If future quarters report simular findings, this office will request that the Regional Water Quality Control Board review this site for final case closure. For the initial sampling of the new well, this office recommends using all four wells to recalculate gradient. Only MW-1, MW-3 and the new well should be analyzed for TPH gas, BTEX, Industrial Solvents, Volatile Organic Compounds and Priority Metals. Depending on these results, future analytical requirements may be modified.

Please feel free to contact me at (415) 363-4472 if you have any questions.

Sincerely,

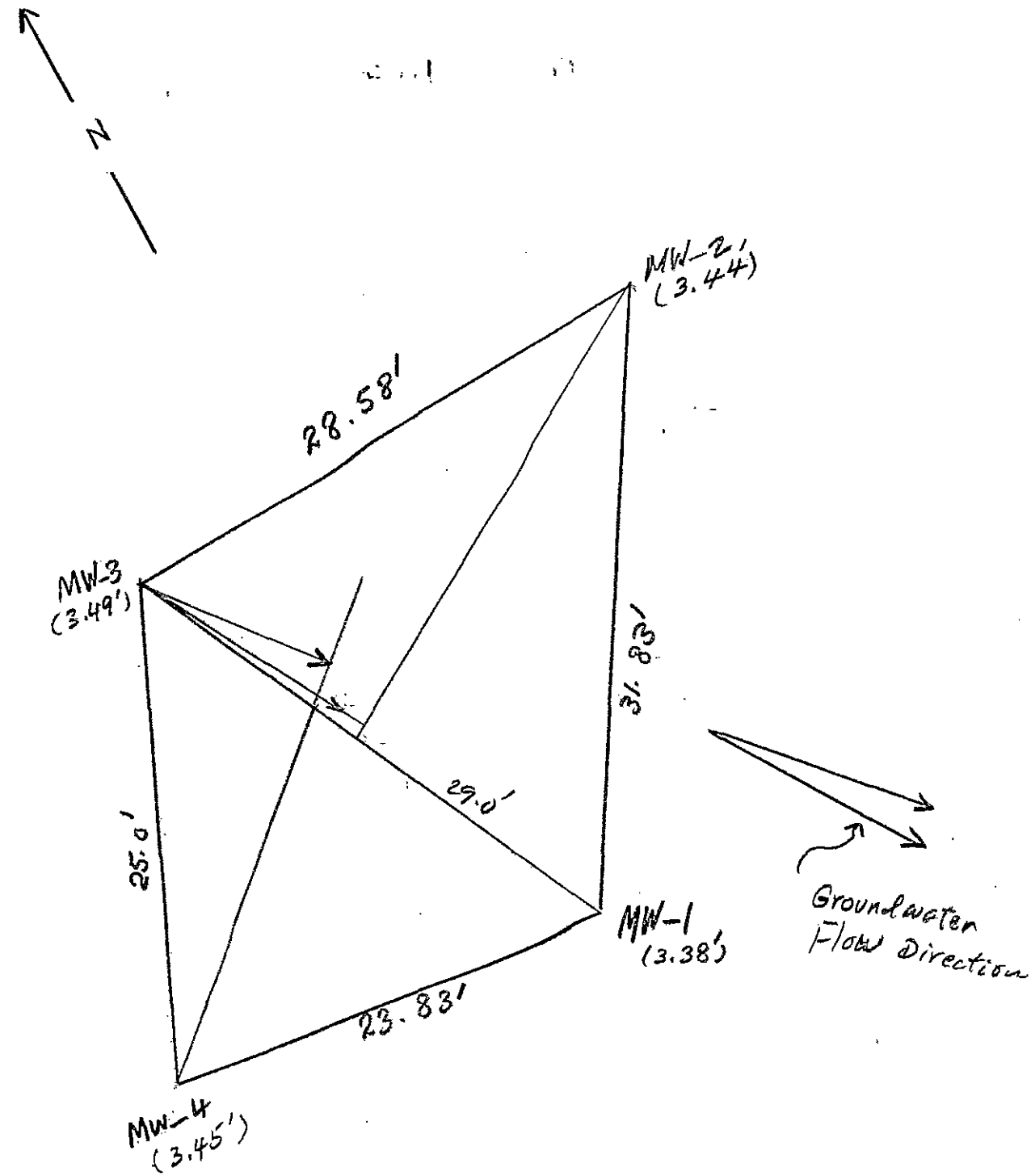
Dermot Casey
Hazardous Materials Specialist
County Remedial Oversight Program

cc: Sami Malaeb, Accutite, 35 So. Linden Avenue, So. San Francisco, CA 94080

APPENDIX B

GROUND WATER ELEVATIONS

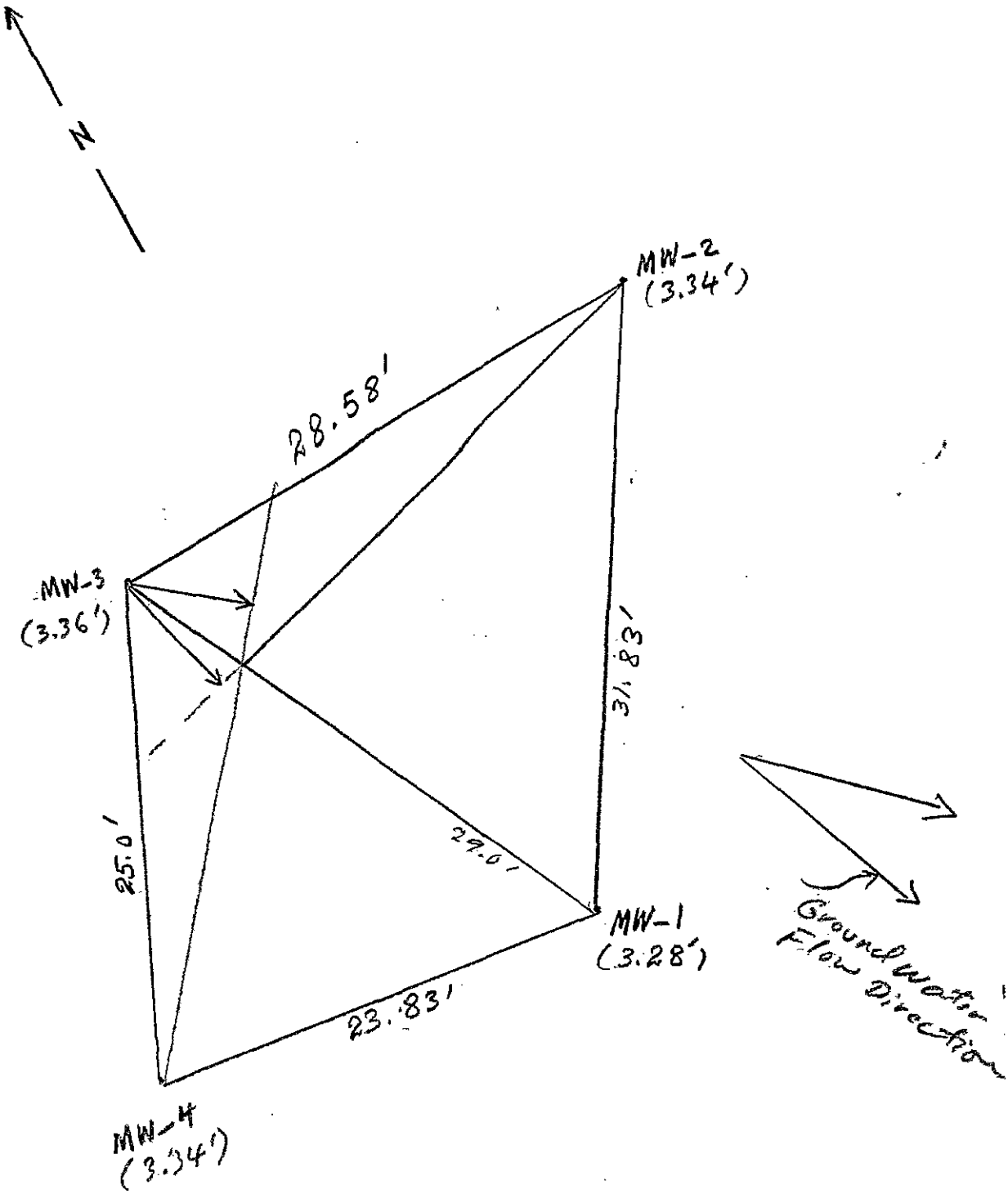
ROLLINS ROAD



1" = 8'

1/26/95

ROLLINS ROAD



2/2/95

APPENDIX C

LABORATORY RESULTS

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
S. San Francisco, CA 94080

Attention: Sami Malaeb

Client Proj. ID: 1019 Rollins Rd

Lab Proj. ID: 9501G71

Sampled: 01/26/95
Received: 01/27/95
Analyzed: see below

Reported: 02/10/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9501G71-02				
Sample Desc : **LIQUID,MW-2**				
Lead	**ug/L**	**02/01/95**	**5.0**	**11**
Mercury	**ug/L**	**02/08/95**	**0.20**	**0.66**
Lab No: 9501G71-03				
Sample Desc : **LIQUID,MW-3**				
Lead	ug/L	02/01/95	5.0	N.D.
Mercury	**ug/L**	**02/08/95**	**0.20**	**0.60**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-1	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 01/31/95
Attention: Sami Malaeb	Lab Number: 9501G71-01	Reported: 02/10/95

QC Batch Number: GC012595801008A
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	**0.50**	**0.91**
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	74

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-1	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: Title 22	Analyzed: 02/08/95
Attention: Sami Malaeb	Lab Number: 9501G71-01	Reported: 02/10/95

Priority Pollutants:Metals

Analyte	Detection Limit ug/L	Sample Results ug/L
Antimony, Sb	**5.0**	**8.0**
Arsenic, As	**5.0**	**5.2**
Beryllium, Be	5.0	N.D.
Cadmium, Cd	5.0	N.D.
Chromium, Cr	5.0	N.D.
Copper, Cu	**5.0**	**11**
Lead, Pb	15	N.D.
Mercury, Hg	**0.20**	**0.46**
Nickel, Ni	**25**	**110**
Selenium, Se	5.0	N.D.
Silver, Ag	5.0	N.D.
Thallium, Tl	5.0	N.D.
Zinc, Zn	**5.0**	**8.0**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-1	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/02/95
Attention: Sami Malaeb	Lab Number: 9501G71-01	Reported: 02/10/95

QC Batch Number: GC020195BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-2	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 01/31/95
Attention: Sami Malaeb	Lab Number: 9501G71-02	Reported: 02/10/95

QC Batch Number: GC012595801008A
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-2	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/02/95
Attention: Sami Malaeb	Lab Number: 9501G71-02	Reported: 02/10/95

QC Batch Number: GC020195BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


FEB 1995
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-3	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 01/31/95
Attention: Sami Malaeb	Lab Number: 9501G71-03	Reported: 02/10/95

QC Batch Number: GC012595801008A
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	93

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-3	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/02/95
Attention: Sami Malaeb	Lab Number: 9501G71-03	Reported: 02/10/95

QC Batch Number: GC020195BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**63**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Weathered Gas		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

FEB 1995
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-4	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 01/31/95
Attention: Sami Malaeb	Lab Number: 9501G71-04	Reported: 02/10/95

QC Batch Number: GC013195801008A
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-4	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: Title 22	Analyzed: 02/08/95
Attention: Sami Malaeb	Lab Number: 9501G71-04	Reported: 02/10/95

Priority Pollutants:Metals

Analyte	Detection Limit ug/L	Sample Results ug/L
Antimony, Sb	5.0	N.D.
Arsenic, As	5.0	N.D.
Beryllium, Be	5.0	N.D.
Cadmium, Cd	5.0	N.D.
Chromium, Cr	5.0	N.D.
Copper, Cu	5.0	N.D.
Lead, Pb	15	N.D.
Mercury, Hg	**0.20**	**0.34**
Nickel, Ni	**25**	**61**
Selenium, Se	5.0	N.D.
Silver, Ag	5.0	N.D.
Thallium, Tl	5.0	N.D.
Zinc, Zn	**5.0**	**10**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


FEB 1995
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: 1019 Rollins Rd	Sampled: 01/26/95
35 South Linden Avenue	Sample Descript: MW-4	Received: 01/27/95
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/02/95
Attention: Sami Malaeb	Lab Number: 9501G71-04	Reported: 02/10/95

QC Batch Number: GC020195BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9501G71 -01, 04	Reported: Feb 10, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME0131956010MDA	ME0131956010MDA	ME0131956010MDA	ME0131956010MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell
MS/MSD #:	9501G7101	9501G7101	9501G7101	9501G7101
Sample Conc.:	N.D.	N.D.	N.D.	0.19
Prepared Date:	1/31/95	1/31/95	1/31/95	1/31/95
Analyzed Date:	1/31/95	1/31/95	1/31/95	1/31/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1000 µg/L	1000 µg/L	1000 µg/L	1000 µg/L
Result:	0.76	0.78	0.80	0.90
MS % Recovery:	76	78	80	71
Dup. Result:	0.86	0.86	0.88	1.0
MSD % Recov.:	86	86	88	81
RPD:	12	9.8	9.5	11
RPD Limit:	0-30	0-30	0-30	0-30
LCS #:	BLK013195	BLK013195	BLK013195	BLK013195
Prepared Date:	1/31/95	1/31/95	1/31/95	1/31/95
Analyzed Date:	1/31/95	1/31/95	1/31/95	1/31/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1000 µg/L	1000 µg/L	1000 µg/L	1000 µg/L
LCS Result:	0.94	0.95	0.97	0.94
LCS % Recov.:	94	95	97	94
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference


FEB 1995
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9501G71-01-04	Reported: Feb 10, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Mercury	Lead
QC Batch#:	ME0208952451M4A	ME0131957000MDA
Analy. Method:	EPA 245.1	EPA 239.2
Prep. Method:	EPA 245.1	EPA 3020
Analyst:	M. Rocklein	J. Martinez
MS/MSD #:	9501G7102	9501F7101
Sample Conc.:	0.00066	N.D.
Prepared Date:	2/8/95	1/31/95
Analyzed Date:	2/8/95	2/1/95
Instrument I.D.#:	MV1	MTJA1
Conc. Spiked:	0.0040 mg/L	0.050 mg/L
Result:	0.0050	0.044
MS % Recovery:	109	88
Dup. Result:	0.0050	0.042
MSD % Recov.:	109	84
RPD:	0.0	4.7
RPD Limit:	0-30	0-30

LCS #:	LCS020895	BLK013195
Prepared Date:	2/8/95	1/31/95
Analyzed Date:	2/8/95	2/1/95
Instrument I.D.#:	MV1	MTJA1
Conc. Spiked:	0.0040 mg/L	0.050 mg/L
LCS Result:	0.0043	0.048
LCS % Recov.:	108	96

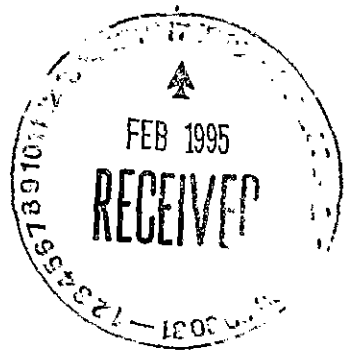
MS/MSD LCS Control Limits	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference


FEB 1995
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: 1019 Rollins Rd
Matrix: Liquid
Work Order #: 9501G71-01-02

Reported: Feb 10, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC020195BTEX02A	GC020195BTEX02A	GC020195BTEX02A	GC020195BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9501E0401	9501E0401	9501E0401	9501E0401
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/1/95	2/1/95	2/1/95	2/1/95
Analyzed Date:	2/1/95	2/1/95	2/1/95	2/1/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	11	31
MS % Recovery:	100	100	110	103
Dup. Result:	10	10	10	31
MSD % Recov.:	100	100	100	103
RPD:	0.0	0.0	9.5	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9501G71-03-04	Reported: Feb 10, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC020195BTEX20A	GC020195BTEX20A	GC020195BTEX20A	GC020195BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9501E0401	9501E0401	9501E0401	9501E0401
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/1/95	2/1/95	2/1/95	2/1/95
Analyzed Date:	2/1/95	2/1/95	2/1/95	2/1/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	11	34
MS % Recovery:	110	110	110	113
Dup. Result:	9.5	9.4	9.6	29
MSD % Recov.:	95	94	96	97
RPD:	15	16	14	16
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference


FEB 1995
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9501G71-01-03	Reported: Feb 10, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC012595801008A	GC012595801008A	GC012595801008A
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Nagra	A. Nagra	A. Nagra
MS/MSD #:	9501B2001	9501B2001	9501B2001
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	1/25/95	1/25/95	1/25/95
Analyzed Date:	1/25/95	1/25/95	1/25/95
Instrument I.D.#:	GCHP8	GCHP8	GCHP8
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Result:	26	23	22
MS % Recovery:	104	92	88
Dup. Result:	24	21	21
MSD % Recov.:	96	84	84
RPD:	8.0	9.1	4.7
RPD Limit:	0-50	0-50	0-50
LCS #:	-	-	-
Prepared Date:	-	-	-
Analyzed Date:	-	-	-
Instrument I.D.#:	-	-	-
Conc. Spiked:	-	-	-
LCS Result:	-	-	-
LCS % Recov.:	-	-	-
MS/MSD LCS Control Limits	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9501G71-04	Reported: Feb 10, 1995

QUALITY CONTROL DATA REPORT

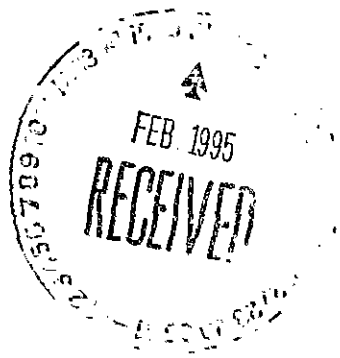
Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC013195801008A	GC013195801008A	GC013195801008A
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Nagra	A. Nagra	A. Nagra
MS/MSD #:	9501G7104	9501G7104	9501G7104
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	1/31/95	1/31/95	1/31/95
Analyzed Date:	1/31/95	1/31/95	1/31/95
Instrument I.D.#:	GCHP8	GCHP8	GCHP8
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Result:	26	25	25
MS % Recovery:	104	100	100
Dup. Result:	24	23	23
MSD % Recov.:	96	92	92
RPD:	8.0	8.3	8.3
RPD Limit:	0-50	0-50	0-50
LCS #:	-	-	-
Prepared Date:	-	-	-
Analyzed Date:	-	-	-
Instrument I.D.#:	-	-	-
Conc. Spiked:	-	-	-
LCS Result:	-	-	-
LCS % Recov.:	-	-	-
MS/MSD LCS Control Limits	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference


FEB. 1995
RECEIVED

CHAIN OF CUSTODY

CLIENT:	ACCUTITE ENVIRONMENTAL ENGINEERING	REPORT TO: Sami Malaeb	TURNAROUND TIME: 10 DAYS
ADDRESS:	35 S. LINDEN SOUTH SAN FRANCISCO, CA 94080	BILLING TO: ACCUTITE	8 HR / 24 HR / 48 HR / 72 HR
PHONE #:	(415) 952-5551	BILLING REFERENCE #: 310	5 DAY / (10 DAY) / OTHER
PROJECT NAME/ADDRESS:	1019 Rollins Road Burlingame, CA	ANALYSIS REQUESTED:	9501G71
SAMPLER: CHAD HOWLE	DATE: 1/26/95		15°C

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME	TPH-G + BTEX	EPA 8010	Pb + Hg	EPA priority Pollutant metals	REMARKS	SAMPLE NUMBER
MW-1	water	3	40 ml vial	1/26/95 AM	X					-01
MW-1	water	3	40 ml vial	1/26/95 AM		X				
MW-1	water	1	1l. bottle	1/26/95 AM				X		
MW-2	water	3	40 ml vials	1/26/95 AM	X					-02
MW-2	water	3	40 ml vial	1/26/95 AM		X				
MW-2	water	1	1l. bottle	1/26/95 AM			X			
MW-3	water	3	40 ml vial	1/26/95 AM	X					-03
MW-3	water	3	40ml vial	1/26/95 AM		X				
MW-3	water	1	1l. bottle	1/26/95 AM			X			
MW-4	water	3	40ml vial	1/26/95 AM	X					-04
MW-4	water	3	40ml vial	1/26/95 AM		X				
MW-4	water	1	1l. bottle	1/26/95 AM				X		

RELINQUISHED BY: Sami Malaeb	DATE: 1/26/95	TIME 3:30	RECEIVED BY:
RELINQUISHED BY:	DATE: 1/27	TIME 9:03	RECEIVED BY:
RELINQUISHED BY:	DATE: 1.27.95	TIME 1603	RECEIVED BY:

LAB COMMENTS:


FEB 1995
RECEIVED

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

13

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

DEC 07 1994

RECEIVED

December 5, 1994

Mr. Dermot Casey
Hazardous Materials Specialist
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: **1994 Third Sampling Episode and Analysis at 1019 Rollins Road in Burlingame, California**

Dear Mr. Casey:

Accutite Environmental Engineering is pleased to submit this report summarizing the quarterly ground water sampling and analysis at 1019 Rollins Road in Burlingame, California. This report is for the third sampling episode of 1994. A summary of the analytical results of this quarter is as follows:

- Benzene was detected with a concentration of 1.6 parts per billion in MW-2. This concentration is slightly above the California primary maximum contaminant level (MCL) of 1 ppb. However, this concentration is below the California Ocean Plan Numerical Water Quality Objective of 5.9 ppb.

- TPH-G was detected with a concentration of 67 ppb in MW-2. There is no California Ocean Plan Numerical Water Quality Objective for gasoline.

- Cis-1,2-Dichloroethene was detected with a concentration of 3.5 ppb in MW-2. This concentration is below the California MCL of 6 ppb.

- The highest level of Mercury concentration was in MW-3, 0.82 ppb. This concentration is below the California Primary MCL of 2 ppb.

- Lead was not detected in any of the samples.

From the analytical findings obtained from the last four sampling episodes, the concentrations of the analyzed organic and inorganic constituents in the ground water at the subject site were below the California Ocean Plan Numerical Water Quality Objective levels for hard water. Therefore, Accutite recommends one additional sampling episode at this site. If concentrations of the organic and inorganic constituents remain the same or lower, Accutite recommends site closure.

Accutite will contact you at a later date to discuss the analytical findings of this report. Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb

Sami Malaeb, P.E., R.E.A.
Project Manager

cc: Mr. Al Molakidis

Enclosure

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

DEC 07 1994

RECEIVED

1994 FOURTH QUARTER GROUND WATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA

Prepared For: Mr. Al Molakidis
627 Occidental Avenue
San Mateo, California

Prepared By: Accutite Environmental Engineering
35 South Linden Avenue
South San Francisco, CA 94080
Sami Malaeb, P.E., R.E.A.

Sampling Date: October 27, 1994

RECYCLED PAPER

TABLE OF CONTENTS

1.0 INTRODUCTION

Mr. Alfred Molakidis retained Accutite Environmental Engineering (Accutite) to conduct quarterly sampling and analysis of the ground water at 1019 Rollins Road in Burlingame, California (Figure 1). This report presents the analytical findings from the fourth quarter of 1994.

1.1 BACKGROUND

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986. Subsequently, Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells onsite. Between 1986 and 1994, these three wells were sampled several times. For a summary of all quarterly monitoring activities and further background information, please see Accutite's report, dated November 17, 1993, titled "Ground water Monitoring and Summary of Subsurface Investigation at 1019 Rollins Road, Burlingame, California".

Following the review of Accutite's November 17, 1993 report, Mr. Dermot Casey, of the San Mateo County Department of Health Services (SMCDHS) recommended the installation of one ground water monitoring well in the presumed downgradient from the former sump and underground gasoline tank. Also, Mr. Casey recommended additional four quarters of sampling and analysis of the ground water in the new well and wells MW-1 and MW-3. The County's letter is provided in Appendix A.

Based on the SMCDHS recommendations, Accutite installed one additional monitoring well onsite and sampled this new well and MW-1 and MW-3 in April and June, 1994.

Following the review of Accutite's June, 1994 report, Mr. Dermot Casey, of the San Mateo County Department of Health Services (SMCDHS) recommended to proceed with the quarterly monitoring. Following a conversation with Mr. Casey, It was decided that all four wells at the subject site will be sampled in October 1994, and in the first quarter of 1995.

2.0 SAMPLING AND ANALYSIS

On October 27, 1994, all four monitoring wells were purged with the use of a variable speed, non air-actuated hydrolift pump. This pump was connected to a high density polyethylene, well dedicated, clean tubing and check valve. With the use of this well dedicated tubing, a minimum of four well volumes, or until temperature, conductivity, and pH have stabilized, were removed prior to sampling. Purge Water was collected in a labeled drum. The water from this drum will be disposed of in the sewer system after the approval of the City of Burlingame.

Ground water Samples were obtained through the same well dedicated tubing, and were directly transferred into the sampling bottles. VOA laboratory cleaned glass vials were used for analysis of Total Petroleum Hydrocarbons as Gasoline (TPH-G) with Benzene, Toluene, Ethyl Benzene and Total Xylenes distinctions (BTEX) and Halogenated Volatile Organics. Other bottles for metal analysis were provided by Sequoia analytical Laboratory. Containers were labeled, placed on blue ice in, an ice chest, and transported under chain of custody, within 24 hours, to a Sequoia Analytical Laboratory for analysis.

3.0 GRADIENT DETERMINATION

A ground water elevation measurement in all four wells was completed prior to sampling on October 27, 1994. Ground water flow direction calculations for this quarter are included in Appendix B

Table 1- Water Table Elevations

Well ID#	Top of Well Casing Elevation (ft)	Depth to Water Table (ft)	Water Table Elevation from Mean Sea Level (MSL) in feet
MW-1	9.18	8.30	0.88
MW-2	8.74	7.32	1.42
MW-3	9.54	7.00	2.54
MW-4	10.12	7.72	2.40

The ground water flow direction was toward the Southeast. Ground water levels often fluctuate seasonally or as the results of tidal influence. The local flow direction beneath the subject site may be naturally influenced by zones of higher permeability such as buried stream channels, or artificially influenced by nearby well pumping or recharge. Therefore, the ground water flow direction at the subject site may fluctuate and differ from the calculated gradient.

4.0 ANALYTICAL RESULTS

Water samples were labeled as : MW-1, MW-2, MW-3, MW-4
Where: MW = Monitoring Well
1, 2, 3, and 4 are the well numbers

Three water samples were collected from each of the four wells and analyzed. All Samples were analyzed for TPH-G, BTEX, Halogenated Volatile Organics, Lead, and Mercury. In addition, the samples collected from MW-1 and MW-4 were analyzed for EPA Priority Pollutants as Metals. The laboratory results are included in Appendix C. A Summary of the detected contaminants is presented in the Table Below:

Table 1 Analytical Results for the Detected Contaminants:

Sample ID	Lead (Pb) (ppb)[1]	Mercury (Hg) (ppb)	Chromium (Cr) (ppb)	Nickel (Ni) (ppb)	Zinc (Zn) (ppb)	TPH-G[2] (ppb)	Benzene (ppb)	cis-1,2-Dichloroethene
MW-1	N.D.	0.26	N.D[3].	49	7.0	N.D.	N.D.	N.D.
MW-2	N.D.	0.22	N.A.[4]	N.A.	N.A.	67	1.6	3.5
MW-3	N.D.	0.82	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.
MW-4	N.D.	0.22	N.D.	79	85	130	N.D.	N.D.

1- ppb = Parts per billion
2- TPH-G = Total Petroleum Hydrocarbons as Gasoline
3- N.D. = Below the specified detection limit
4- N.A. = Not Analyzed for

11/9/95

comparison, the laboratory results for metals from the past sampling episodes are presented in Table 2 below:

Table 2 Summary of the Ground water Metal Analysis Between 1986 and 1995

Sampling Date	Well ID	Cd ppb 1	Cu ppb	Pb ppb	Hg ppb	Ni ppb	Zn ppb	Ti ppb	Cr ppb	Se ppb	As ppb
05/21/86	MW-1	N.D.2	N.D.	N.D.	1	N.D.	N.D.	N.D.	N.A.[3]	N.A.	N.A.
05/21/86	MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
05/21/86	MW-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-1	10	N.D.	N.D.	N.D.	70	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-2	20	N.D.	N.D.	N.D.	210	50	100.	N.A.	N.A.	N.A.
12/02/86	MW-3	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.
05/01/87	MW-1	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-2	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-3	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12/14/89	MW-1	N.D.	310	110	N.D.	440	840	N.A.	100	110	N.D.
12/14/89	MW-2	N.D.	100	150	2.5	570	290	N.A.	150	110	N.D.
12/14/89	MW-3	N.D.	110	32	N.D.	340	320	N.A.	98	38	N.D.
04/16/90	MW-1	N.D.	390	190	190	1900	850	N.A.	1200	N.D.	32
03/14/90	MW-2	N.D.	230	140	6.4	2000	450	N.A.	900	N.D.	N.D.
03/14/90	MW-3	N.D.	260	69	4	1700	560	N.A.	760	N.D.	N.D.
06/11/90	MW-1	N.D.	130	390	250	N.D.	270	N.A.	360	N.D.	20
06/11/90	MW-2	N.D.	260	210	3.7	N.D.	400	N.A.	830	N.D.	45
06/11/90	MW-3	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22
06/20/91	MW-1	N.D.	310	42	23	610.	300	N.A.	420	18	23
06/20/91	MW-2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/20/91	MW-3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08/17/93	MW-1	N.D.	N.D.	N.D.	1	110	27	N.A.	130	N.D.	N.D.
08/17/93	MW-2	N.D.	40	N.D.	1.2	N.D.	97	N.A.	190	N.D.	N.D.
08/17/93	MW-3	N.D.	26	N.D.	1.6	200	110	N.A.	100	N.D.	N.D.
03/15/94	MW-1	N.A.	N.A.	N.D.	0.52	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-3	N.A.	N.A.	8.6	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-4	N.D.	26	11	0.25	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-1	N.A.	N.A.	N.D.	0.58	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-3	N.A.	N.A.	N.D.	1.1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-4	N.D.	N.D.	N.D.	0.26	91	24	N.A.	10	N.D.	N.D.
10/27/94	MW-1	N.D.	N.D.	N.D.	026	49	7.0	N.A.	N.D.	N.D.	N.D.
10/27/94	MW-2	N.A.	N.A.	N.D.	0.22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10/27/94	MW-3	N.A.	N.A.	N.D.	0.82	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
10/27/94	MW-4	N.D.	N.D.	N.D.	022	79	85	N.A.	N.D.	N.D.	N.D.

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

5.0 CONCLUSIONS

- Benzene was detected with a concentration of 1.6 parts per billion in MW-2. This concentration is slightly above the California primary maximum contaminant level (MCL) of 1 ppb. However, this concentration is below the California Ocean Plan Numerical Water Quality Objective of 5.9 ppb.

- TPH-G was detected with a concentration of 67 ppb in MW-2. There is no California Ocean Plan Numerical Water Quality Objective for gasoline.

- Cis-1,2-Dichloroethene was detected with a concentration of 3.5 ppb in MW-2. This concentration is below the California MCL of 6 ppb.

- The highest level of Mercury concentration was in MW-3, 0.82 ppb. This concentration is below the California Primary MCL of 2 ppb.

6.0 RECOMMENDATIONS

Based on Total Dissolved Solids (TDS) of 6,000 to 14,000 ppm and salinity of 4.1 to 10 (results from 8/17/93 sampling), the groundwater at the subject site is not considered drinking water.

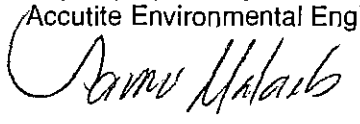
From the analytical findings obtained from the last four sampling episodes, the concentrations of the analyzed organic and inorganic constituents in the groundwater at the subject site were below the California Ocean Plan Numerical Water Quality Objective levels for hard water. Therefore, Accutite recommends one additional sampling episode at this site. If concentrations of the organic and inorganic constituents remain the same or lower, Accutite recommends site closure.

7.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

Thank you fro the opportunity to provide you with our services. If you have any questions, please contact the undersigned at (415) 952-5551.

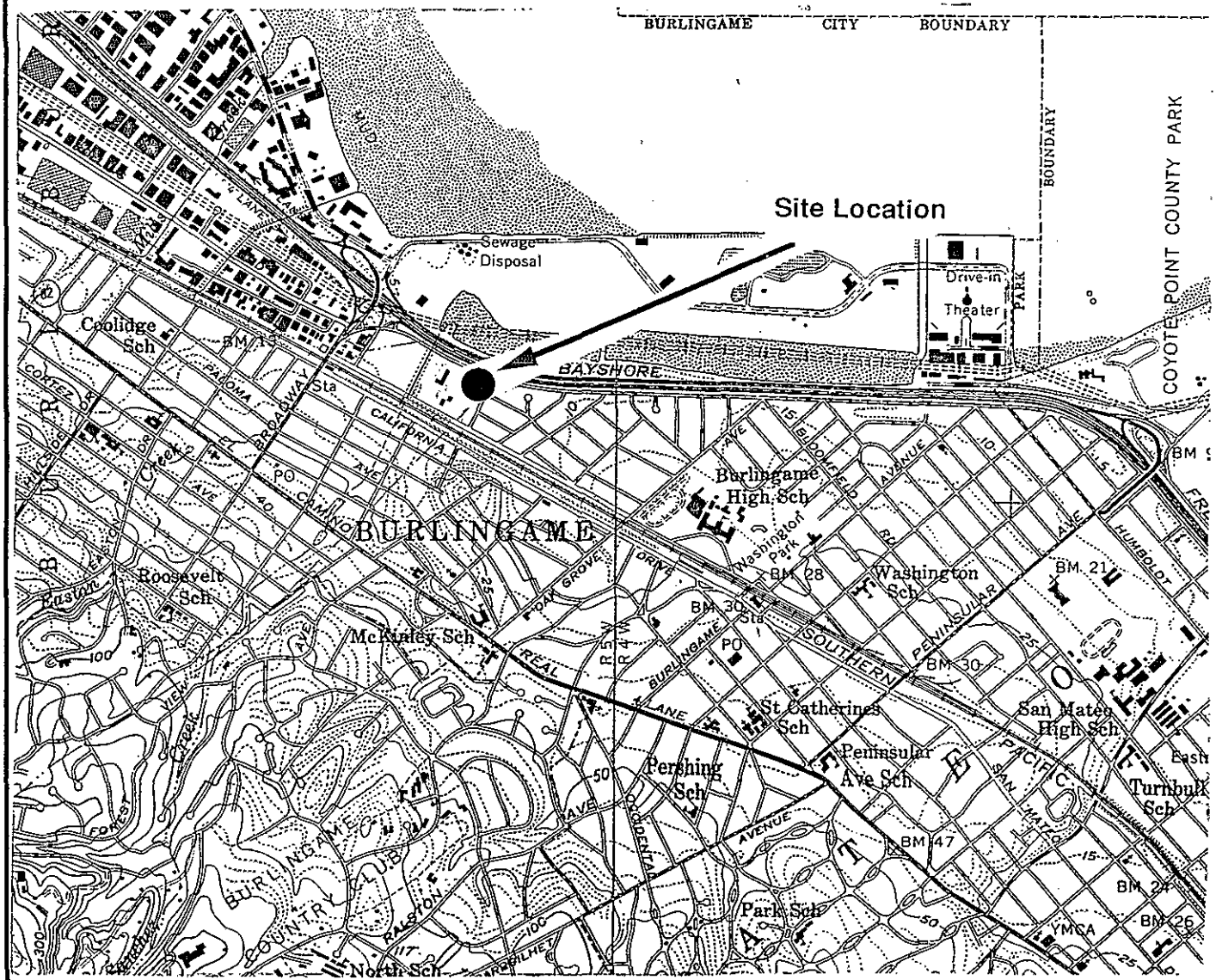
Report prepared by:
Accutite Environmental Engineering,



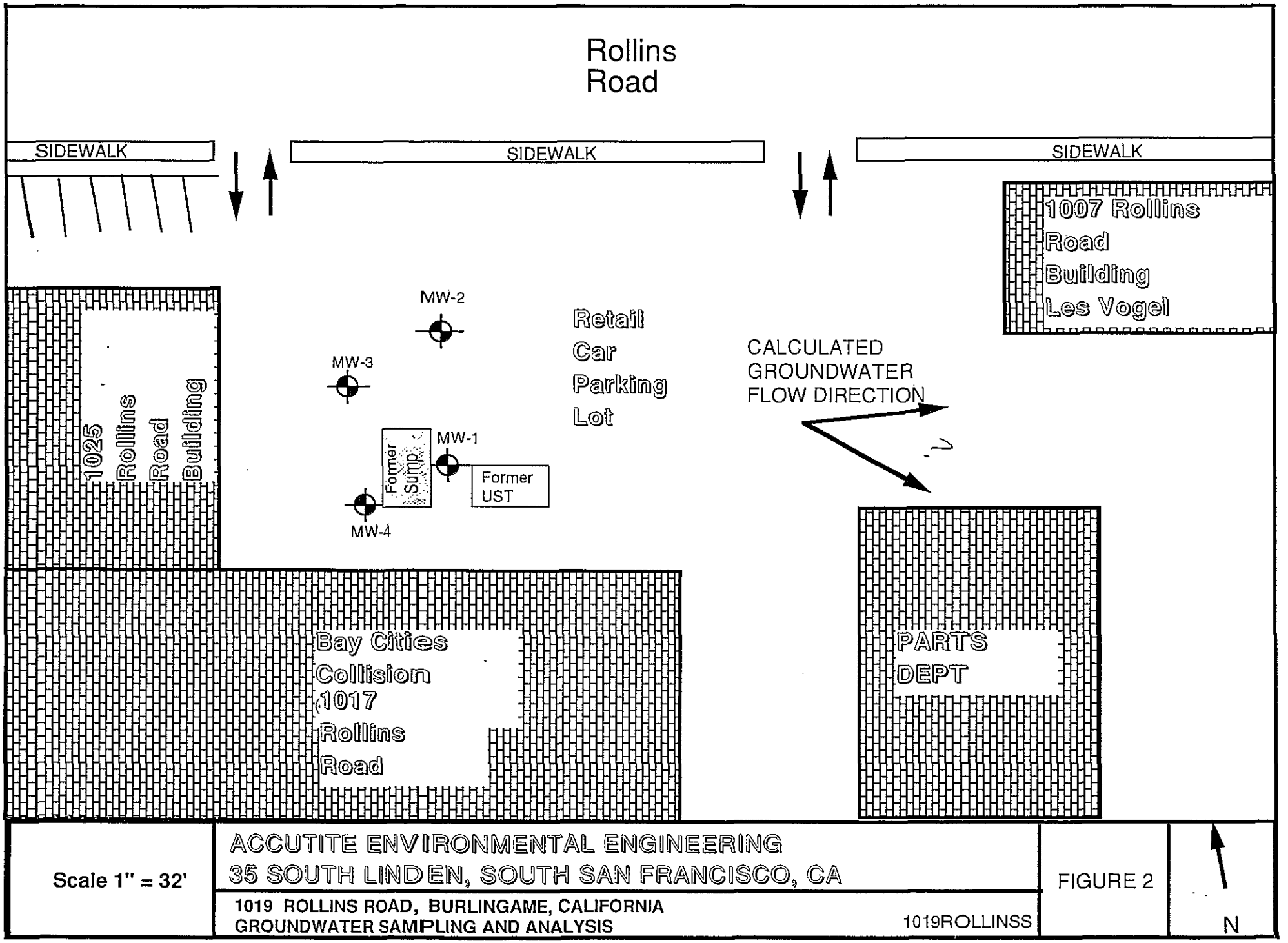
Sami Malaeb, P.E., R.E.A.
Project Manager

FIGURES

SAN MATEO QUADRANGLE
CALIFORNIA – SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Revisions	Date	Page	Site:	By:
	9/30/93	1	1019 Rollins Road Burlingame, CA	ACCUTITE ENVIRONMENTAL ENGINEERING
1		of		
		1		
NORTH ↑	Figure 1		Site Location	35 South Linden Avenue South San Francisco California 94080


Rollins
Road
SIDEWALK
SIDEWALK
SIDEWALK
1007 Rollins
Road
Building
Les Vogel
MW-2
MW-3
MW-1
MW-4
Former
Sump
Former
UST
Retail
Car
Parking
Lot
CALCULATED
GROUNDWATER
FLOW DIRECTION
1025
Rollins
Road
Building
Bay Cities
Collision
1017
Rollins
Road
PARTS
DEPT
Scale 1" = 32'
ACCUTITE ENVIRONMENTAL ENGINEERING
35 SOUTH LINDEN, SOUTH SAN FRANCISCO, CA
1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA
GROUNDWATER SAMPLING AND ANALYSIS
1019ROLLINSS
FIGURE 2
N

APPENDIX A

SMCDHS CORRESPONDENCE

Department of Health Services
ENVIRONMENTAL HEALTH SERVICES DIVISION

COUNTY OF SAN MATEO
590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063

BOARD OF SUPERVISORS
RUBEN BARRALES
MARY GRIFFIN
TOM HUENING
TED LEMPERT
MICHAEL D. NEVIN

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

(415) 363-4305
FAX # (415) 363-7882

December 22, 1993

ATTN: Alfred Molakidis
627 Occidental Avenue
San Mateo, CA 94402

SUBJECT: PROPERTY AT 1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA

I reviewed the Groundwater Monitoring and Summary of Subsurface Investigation Report, dated November 17, 1993, for the subject property. The latest round of sampling reported analytical results below drinking water standards for all contaminants. However, according to the August 17, 1993 calculated groundwater flow direction, there are no wells placed directly down gradient from the former tank pit and sump area. In order to qualify for case closure, this office recommends that a minimum of one additional well be placed within fifteen feet of the former sump area, in the "Westerly" direction.

This well will be required to be screened at the bottom of the aquifer allowing groundwater samples to be collected just above the aquitard. A total of four consecutive quarters of analytical results must be submitted from the down gradient well. If future quarters report simular findings, this office will request that the Regional Water Quality Control Board review this site for final case closure. For the initial sampling of the new well, this office recommends using all four wells to recalculate gradient. Only MW-1, MW-3 and the new well should be analyzed for TPH gas, BTEX, Industrial Solvents, Volatile Organic Compounds and Priority Metals. Depending on these results, future analytical requirements may be modified.

Please feel free to contact me at (415) 363-4472 if you have any questions.

Sincerely,

Dermot Casey
Hazardous Materials Specialist
County Remedial Oversight Program

cc: Sami Malaeb, Accutite, 35 So. Linden Avenue, So. San Francisco, CA 94080

APPENDIX B

GROUND WATER ELEVATIONS

Groundwater Elevation Data at 1019 Rollins Road, Burlingame, California
10/27/94

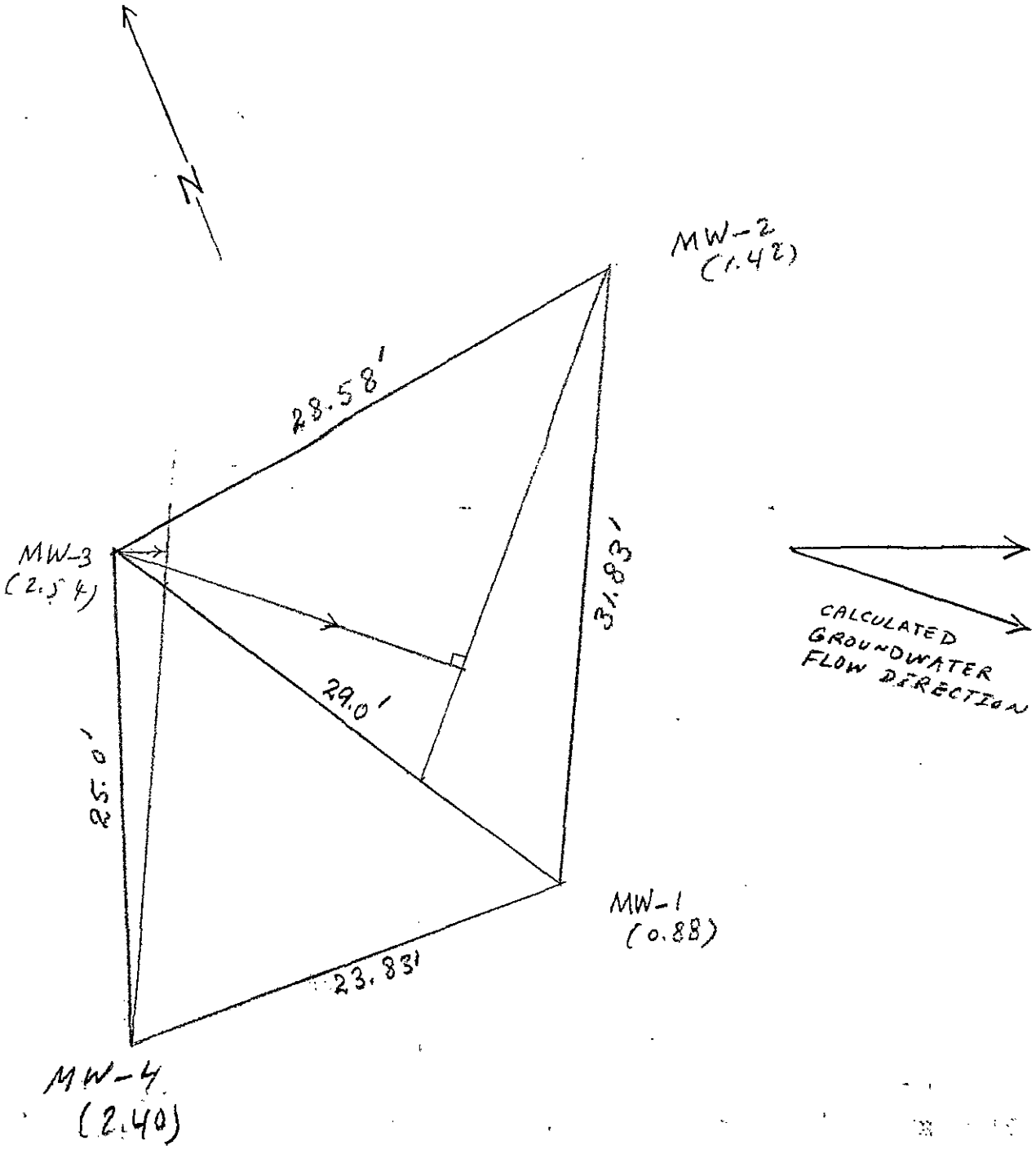
Location	Depth to ground water in ft	Top of casing elevation from MSL in ft	Ground water Elevation from MSL in ft
MW-1	8.30	9.18	0.88
MW-2	7.32	8.74	1.42
MW-3	7.00	9.54	2.54
MW-4	7.72	10.12	2.4

October 27, 94

1019 Rollins Road, Burlingame, CA
Calculation of the groundwater flow direction

ROLLINS ROAD

SCALE
1" = 8'



APPENDIX C

LABORATORY RESULTS

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
S. San Francisco, CA 94080

Attention: Sami Malaeb

Client Proj. ID: Al Molakidis Site

Lab Proj. ID: 9410H41

Sampled: 10/27/94
Received: 10/27/94
Analyzed: see below

Reported: 11/08/94

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9410H41-02				
Sample Desc : **LIQUID,MW-2**				
Lead	ug/L	11/01/94	25	N.D.
Mercury	**ug/L**	**11/04/94**	**0.20**	**0.22**
Lab No: 9410H41-03				
Sample Desc : **LIQUID,MW-3**				
Lead	ug/L	11/01/94	25	N.D.
Mercury	**ug/L**	**11/04/94**	**0.20**	**0.82**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-1	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 11/02/94
Attention: Sami Malaeb	Lab Number: 9410H41-01	Reported: 11/08/94

QC Batch Number: GC110194801009A
Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


NOV 1994

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-1	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: Title 22	Analyzed: 11/04/94
Attention: Sami Malaeb	Lab Number: 9410H41-01	Reported: 11/08/94

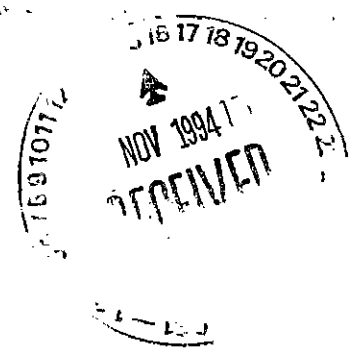
Priority Pollutants:Metals

Analyte	Detection Limit ug/L	Sample Results ug/L
Antimony, Sb	5.0	N.D.
Arsenic, As	5.0	N.D.
Beryllium, Be	5.0	N.D.
Cadmium, Cd	5.0	N.D.
Chromium, Cr	5.0	N.D.
Copper, Cu	5.0	N.D.
Lead, Pb	3.0	N.D.
Mercury, Hg	**0.20**	**0.26**
Nickel, Ni	**25**	**49**
Selenium, Se	5.0	N.D.
Silver, Ag	5.0	N.D.
Thallium, Tl	10	N.D.
Zinc, Zn	**5.0**	**7.0**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


NOV 1994
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-1	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/01/94
Attention: Sami Malaeb	Lab Number: 9410H41-01	Reported: 11/08/94

Instrument ID: HP1

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #2000

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-2	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 11/02/94
Attention: Sami Malaeb	Lab Number: 9410H41-02	Reported: 11/08/94

QC Batch Number: GC110194801009A
Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	**0.50**	**3.5**
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	88

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-2	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/01/94
Attention: Sami Malaeb	Lab Number: 9410H41-02	Reported: 11/08/94

Instrument ID: HP1

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**67**
Benzene	**0.50**	**1.6**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Non Gas Mix		**<C7 + >C9**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #2000

Suzanne Chin
Project Manager


NOV 1994
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-3	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 11/02/94
Attention: Sami Malaeb	Lab Number: 9410H41-03	Reported: 11/08/94

QC Batch Number: GC110194801009A
Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

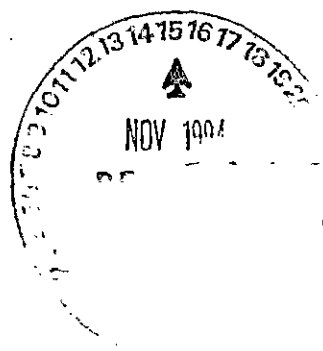
Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	87

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


NOV 19

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-3	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/01/94
Attention: Sami Malaeb	Lab Number: 9410H41-03	Reported: 11/08/94

Instrument ID: HP1

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

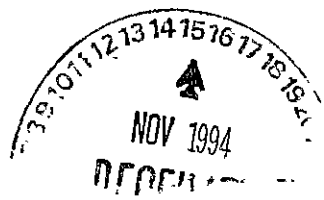
Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	103

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #2000

Suzanne Chin
Project Manager


NOV 1994

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-4	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 11/02/94
Attention: Sami Malaeb	Lab Number: 9410H41-04	Reported: 11/08/94

QC Batch Number: GC110194801008A
Instrument ID: GCHP8

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	91

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


NOV 1994
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-4	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: Title 22	Analyzed: 11/04/94
Attention: Sami Malaeb	Lab Number: 9410H41-04	Reported: 11/08/94

Priority Pollutants:Metals

Analyte	Detection Limit ug/L	Sample Results ug/L
Antimony, Sb	5.0	N.D.
Arsenic, As	5.0	N.D.
Beryllium, Be	5.0	N.D.
Cadmium, Cd	5.0	N.D.
Chromium, Cr	5.0	N.D.
Copper, Cu	5.0	N.D.
Lead, Pb	15	N.D.
Mercury, Hg	**0.20**	**0.22**
Nickel, Ni	**5.0**	**79**
Selenium, Se	5.0	N.D.
Silver, Ag	5.0	N.D.
Thallium, Tl	10	N.D.
Zinc, Zn	**5.0**	**85**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager


NOV 1994
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Proj. ID: Al Molakidis Site	Sampled: 10/27/94
35 South Linden Avenue	Sample Descript: MW-4	Received: 10/27/94
S. San Francisco, CA 94080	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/01/94
Attention: Sami Malaeb	Lab Number: 9410H41-04	Reported: 11/08/94

Instrument ID: HP1

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**130**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Non Gas Mix		**>C9**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	94

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #2000

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis Site	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9410H41 -01, 04	Reported: Nov 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel
QC Batch#:	ME1031946010MDA	ME1031946010MDA	ME1031946010MDA	ME1031946010MDA
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell
MS/MSD #:	9410H4601	9410H4601	9410H4601	9410H4601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/31/94	10/31/94	10/31/94	10/31/94
Analyzed Date:	10/31/94	10/31/94	10/31/94	10/31/94
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1000 µg/L	1000 µg/L	1000 µg/L	1000 µg/L
Result:	1000	970	970	980
MS % Recovery:	100	97	97	98
Dup. Result:	990	970	960	1000
MSD % Recov.:	99	97	96	100
RPD:	1.0	0.0	1.0	2.0
RPD Limit:	0-30%	0-30%	0-30%	0-30%
LCS #:	BLK103194	BLK103194	BLK103194	BLK103194
Prepared Date:	10/31/94	10/31/94	10/31/94	10/31/94
Analyzed Date:	10/31/94	10/31/94	10/31/94	10/31/94
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2
Conc. Spiked:	1000 µg/L	1000 µg/L	1000 µg/L	1000 µg/L
LCS Result:	990	960	950	980
LCS % Recov.:	99	96	95	98
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference


NOV 1994
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis Site	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9410H41-01, 04	Reported: Nov 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Arsenic	Selenium	Antimony	Thallium	Nickel
QC Batch#:	ME1031947000MDA	ME1031947000MDA	ME1031947000MDA	ME1031947000MDA	ME1031947000MDA
Analy. Method:	EPA 206.2	EPA 270.2	EPA 204.2	EPA 279.2	EPA 249.2
Prep. Method:	3020	3020	3020	3020	3020
Analyst:	W. Thant	W. Thant	W. Thant	L. Zhu	J. Martinez
MS/MSD #:	9410H4601	9410H4601	9410H4601	9410H4601	9410H4601
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/31/94	10/31/94	10/31/94	10/29/94	10/31/94
Analyzed Date:	10/31/94	10/31/94	11/1/94	10/29/94	10/31/94
Instrument I.D.#:	MTJA3	MTJA3	MTJA3	MTJA3	MTJA1
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
Result:	43	52	50	46	49
MS % Recovery:	86	104	100	92	98
Dup. Result:	46	51	51	44	41
MSD % Recov.:	92	102	102	88	82
RPD:	6.7	1.9	2.0	4.4	18
RPD Limit:	0-30	0-30	0-30	0-30	0-30
LCS #:	BLK103194	BLK103194	BLK103194	BLK103194	BLK103194
Prepared Date:	10/31/94	10/31/94	10/31/94	10/29/94	10/31/94
Analyzed Date:	10/31/94	10/31/94	11/1/94	10/29/94	10/31/94
Instrument I.D.#:	MTJA3	MTJA3	MTJA3	MTJA3	MTJA1
Conc. Spiked:	50 µg/L	50 µg/L	50 µg/L	50 µg/L	50 µg/L
LCS Result:	42	49	53	46	45
LCS % Recov.:	84	98	106	92	90
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference


NOV
RE

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis Site		
35 South Linden Avenue	Matrix:	Liquid		
South San Francisco, CA 94080				
Attention: Sami Malaeb	Work Order #:	9410H41-01-04	Reported:	Nov 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Lead	Mercury
QC Batch#:	ME1031947000MDA	ME1104942451M4A
Analy. Method:	EPA 239.2	EPA 245.1
Prep. Method:	3020	245.1
Analyst:	J. Martinez	M. Rocklein
MS/MSD #:	9410H4601	9410J0501
Sample Conc.:	N.D.	N.D.
Prepared Date:	10/31/94	11/4/94
Analyzed Date:	11/1/94	11/4/94
Instrument I.D.#:	MTJA1	MV1
Conc. Spiked:	50 µg/L	4.0 µg/L
Result:	50	3.9
MS % Recovery:	100	98
Dup. Result:	45	3.8
MSD % Recov.:	90	95
RPD:	11	2.6
RPD Limit:	0-30	0-30

LCS #:	BLK103194	BLK110494
Prepared Date:	10/31/94	11/4/94
Analyzed Date:	11/1/94	11/4/94
Instrument I.D.#:	MTJA1	MV1
Conc. Spiked:	50 µg/L	4.0 µg/L
LCS Result:	49	3.9
LCS % Recov.:	98	98

MS/MSD LCS Control Limits	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

NOV

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis Site
Matrix: Liquid
QC Sample Group: 9410H41-01-04

Reported: Nov 9, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	N. Zahedi	N. Zahedi	N. Zahedi	N. Zahedi
MS/MSD Batch#:	4100548	4100548	4100548	4100548
Date Prepared:	11/1/94	11/1/94	11/1/94	11/1/94
Date Analyzed:	11/1/94	11/1/94	11/1/94	11/1/94
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Matrix Spike % Recovery:	86	96	97	98
Matrix Spike Duplicate % Recovery:	88	86	85	86
Relative % Difference:	2.3	11	13	13
LCS Batch#:	LCS110194	LCS110194	LCS110194	LCS110194
Date Prepared:	11/1/94	11/1/94	11/1/94	11/1/94
Date Analyzed:	11/1/94	11/1/94	11/1/94	11/1/94
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
LCS % Recovery:	88	97	99	102
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL
ELAP #2000

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.


NOV
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis Site	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9410H41-01-03	Reported: Nov 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC110194801009A	GC110194801009A	GC110194801009A
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Nagra	A. Nagra	A. Nagra
MS/MSD #:	9410H1105	9410H1105	9410H1105
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	11/1/94	11/1/94	11/1/94
Analyzed Date:	11/1/94	11/1/94	11/1/94
Instrument I.D.#:	GCHP9	GCHP9	GCHP9
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Result:	23	24	24
MS % Recovery:	92	96	96
Dup. Result:	22	24	23
MSD % Recov.:	88	96	92
RPD:	4.4	0.0	4.3
RPD Limit:	0-50	0-50	0-50
LCS #:	-	-	-
Prepared Date:	-	-	-
Analyzed Date:	-	-	-
Instrument I.D.#:	-	-	-
Conc. Spiked:	-	-	-
LCS Result:	-	-	-
LCS % Recov.:	-	-	-
MS/MSD LCS Control Limits	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference


NOV
RECEIVED

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis Site	
35 South Linden Avenue	Matrix:	Liquid	
South San Francisco, CA 94080			
Attention: Sami Malaeb	Work Order #:	9410H41-04	Reported: Nov 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
QC Batch#:	GC110194801008A	GC110194801008A	GC110194801008A
Analy. Method:	EPA 8010	EPA 8010	EPA 8010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Nagra	A. Nagra	A. Nagra
MS/MSD #:	9410F5403	9410F5403	9410F5403
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	11/1/94	11/1/94	11/1/94
Analyzed Date:	11/1/94	11/1/94	11/1/94
Instrument I.D.#:	GCHP8	GCHP8	GCHP8
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Result:	28	29	28
MS % Recovery:	112	116	112
Dup. Result:	28	29	28
MSD % Recov.:	112	116	112
RPD:	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50
LCS #:	-	-	-
Prepared Date:	-	-	-
Analyzed Date:	-	-	-
Instrument I.D.#:	-	-	-
Conc. Spiked:	-	-	-
LCS Result:	-	-	-
LCS % Recov.:	-	-	-
MS/MSD LCS Control Limits	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference


NOV 1994

SUB-CHAIN OF CUSTODY

SEQUOIA ANALYTICAL
680 CHESAPEAKE DRIVE
REDWOOD CITY, CA 94063
TEL415-364-9600 FAX415-364-9233

PROJECT SUBBED TO: Aspen

TAT REQUESTED: ☐ 24H ☐ 48H ☐ 72H ☐ 5D ☐ 10D

DUE DATE: 11/08

REPORT TO: Suzanne Chin

WORKORDER # 9410441

PROJECT NAME: Acoustic

FRACTION NUMBER	SAMPLE DESCRIPTION	MATRIX	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: Gas / BTEX	REMARKS
-01	mw-1	W	3	VOA	10/27	X	# Each sample
-02	mw-2	↓	↓	↓	↓	↓	has two
-03	mw-3	↓	↓	↓	↓	↓	backups.
-04	mw-4	↓	↓	↓	↓	↓	Do not comp.

RELINQUISHED FROM SEQUOIA BY: DATE TIME
10/28/94 0900

RECEIVED BY: DATE TIME

RELINQUISHED BY: DATE TIME

RECEIVED BY: DATE TIME

RELINQUISHED BY: DATE TIME

RECEIVED BY: DATE TIME

SAMPLE CONDITION?

TEMP?

SUB-CHAIN OF CUSTODY

SEQUOIA ANALYTICAL
680 CHESAPEAKE DRIVE
REDWOOD CITY, CA 94063
TEL415-364-9600 FAX415-364-9233

PROJECT SUBBED TO: Aspen

TAT REQUESTED: ☐ 24H ☐ 48H ☐ 72H ☐ 5D ☐ 10D

DUE DATE: 11/08

REPORT TO: Suzanne Chin

WORKORDER # 9410441

PROJECT NAME: AcquHte

FRACTION NUMBER	SAMPLE DESCRIPTION	MATRIX	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: Gas / BTEX						REMARKS
-01	mw-1	Wg	3	VOA	10/27	X			410 0522			# Each sample
-02	mw-2	↓	↓	↓	↓	↓			↓		23	has two
-03	mw-3										24	backups.
-04	mw-4								C		25	Do not comp.
												9°C

RELINQUISHED FROM SEQUOIA BY:	DATE	TIME	RECEIVED BY:	DATE	TIME	SAMPLE CONDITION?
[signature]	10/28/94	0900				
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME	TEMP?
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME	
			[signature] ECOT	10/29/94 10/31/94	1530	


NOV 1994
RECEIVED

CHAIN OF CUSTODY

CLIENT: ACCUTITE ENVIRONMENTAL ENGINEERING	REPORT TO: Sami Malaeb	TURNAROUND TIME: 10 DAYS	
ADDRESS: 35 S. LINDEN SOUTH SAN FRANCISCO, CA 94080	BILLING TO: ACCUTITE BILLING REFERENCE #: 270	8 HR / 24 HR / 48 HR / 72 HR 5 DAY / (10 DAY) / OTHER	
PHONE #: (415) 952-5551	ANALYSIS REQUESTED:		
PROJECT NAME/ADDRESS: Al Molakidis Site, 1019 Rollins Road, Burlingame, CA			
SAMPLER: CHAD HOWLE	DATE: 10/27/94		

SAMPLE ID/STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME	TPH-G & BTEX	EPA 8010	Pb & Hg	EPA priority Pollutants (metals)	REMARKS	SAMPLE NUMBER
MW-1	Water	3	40 ml vial	10/27/94 AM	X					
MW-1	Water	3	40 ml vial	10/27/94 AM		X				
MW-1	Water	1	2 l bottle	10/27/94 AM				X		
MW-2	Water	3	40 ml vials	10/27/94 AM	X					
MW-2	Water	3	40 ml vials	10/27/94 AM		X				
MW-2	Water	1	2 l bottle	10/27/94 AM			X			
MW-3	Water	3	40 ml vial	10/27/94 AM	X					
MW-3	Water	3	40 ml vials	10/27/94 AM		X				
MW-3	Water	1	2 l bottle	10/27/94 AM			X			
MW-4	Water	3	40 ml vials	10/27/94 AM	X					
MW-4	Water	3	40 ml vials	10/27/94 AM		X				
MW-4	Water	1	2 l bottles	10/27/94 AM				X		

RELINQUISHED BY: Sami Malaeb	DATE: 10/27/94 TIME	RECEIVED BY: [signature]	LAB COMMENTS:
RELINQUISHED BY: [signature]	DATE: 10/27/94 TIME 3:31	RECEIVED BY: [signature]	
RELINQUISHED BY:	DATE: TIME	RECEIVED BY:	

12

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

AUG 01 1994

RECEIVED

July 27, 1994

Mr. Dermot Casey
Hazardous Materials Specialist
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: **1994 Second Quarterly Sampling and Analysis at 1019 Rollins Road in Burlingame, California**

Dear Mr. Casey:

Accutite Environmental Engineering is pleased to submit this report summarizing the quarterly groundwater sampling and analysis at 1019 Rollins Road in Burlingame, California. This report is for the second quarter of 1994. A summary of the analytical results of this quarter is as follows:

- No TPH-G, Toluene, Ethyl Benzene, or Xylenes were detected
- Benzene was detected at 1.5 ppb in MW-1, which is slightly above the primary MCL level of 1ppb.
- No Halogenated Volatile Organics were detected.
- Lead was not detected in any of the samples.
- Levels of Mercury, Chromium, Nickel, and Zinc were below the California Maximum Contaminant (MCL) Levels and below the freshwater aquatic life protection levels for hard water.

Accutite will contact you at a later date to discuss the analytical findings of this report. Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb

Sami Malaeb, P.E., R.E.A.
Project Manager

cc Mr. Al Molakidis

Enclosure

RECYCLED PAPER

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

1994 SECOND QUARTERLY GROUNDWATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

AUG 01 1994

RECEIVED

Prepared For: Mr. Al Molakidis
627 Occidental Avenue
San Mateo, California

Prepared By: Accutite Environmental Engineering
35 South Linden Avenue
South San Francisco, CA 94080
Sami Malaeb, P.E., R.E.A.

Date: JULY 27, 1994

RECYCLED PAPER

TABLE OF CONTENTS

1.0 INTRODUCTION

Mr. Alfred Molakidis retained Accutite Environmental Engineering (Accutite) to conduct quarterly sampling and analysis of the groundwater at 1019 Rollins Road in Burlingame, California (Figure 1). This report presents the analytical findings from the second quarter of 1994.

1.1 BACKGROUND

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986. Subsequently, Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells onsite. Between 1986 and 1994, these three wells were sampled several times. For a summary of all quarterly monitoring activities and further background information, please see Accutite's report, dated November 17, 1993, titled "Groundwater Monitoring and Summary of Subsurface Investigation at 1019 Rollins Road, Burlingame, California".

Following the review of Accutite's November 17, 1993 report, Mr. Dermot Casey, of the San Mateo County Department of Health Services (SMCDHS) recommended the installation of one groundwater monitoring well in the presumed downgradient from the former sump and underground gasoline tank. Also, Mr. Casey recommended additional four quarters of sampling and analysis of the groundwater in the new well and wells MW-1 and MW-3. The County's letter is provided in Appendix A.

Based on the SMCDHS recommendations, Accutite installed one additional monitoring well onsite and sampled this new well and MW-1 and MW-3 in April, 1994. Please see Accutite's report, dated April 25, 1994, for details regarding the well installation and sampling.

Following the review of Accutite's April 25, 1994 report, Mr. Dermot Casey, of the San Mateo County Department of Health Services (SMCDHS) recommended to proceed with the quarterly monitoring of wells MW-1, MW-3, and MW-4.

2.0 SAMPLING AND ANALYSIS

On June 15, 1994, monitoring wells MW-1, MW-3, and MW-4 were purged with the use of a variable speed, non air-actuated hydrolift pump. This pump was connected to a high density polyethylene, well dedicated, clean tubing and check valve. With the use of this well dedicated tubing, a minimum of four well volumes, or until temperature, conductivity, and pH have stabilized, were removed prior to sampling. Purge Water was collected in a labeled drum. Subsequently, the purge water was disposed of by a permit from the City of Burlingame.

Groundwater Samples were obtained through the same well dedicated tubing, and were directly transferred into the sampling bottles. VOA laboratory cleaned glass vials were used for analysis of Total Petroleum Hydrocarbons as Gasoline (TPH-G) with Benzene, Toluene, Ethyl Benzene and Total Xylenes distinctions (BTEX). Other bottles for metal analysis were provided by Sequoia analytical Laboratory. Containers were labeled, placed on blue ice in an ice chest, and transported under chain of custody, within 24 hours, to a Sequoia Analytical Laboratory for analysis.

3.0 GRADIENT DETERMINATION

A survey of the new monitoring well (MW-4) and the existing three wells (MW-1, MW-2, and MW-3) was completed on April 19, 1994. Water depth was measured with respect to a fixed datum point onsite (the top of the fire hydrant on Rollins Road). Groundwater flow direction calculations for this quarter are included in Appendix B

Table 1- Water Table Elevations

Well ID#	Top of Well Casing Elevation (ft)	Depth to Water Table (ft)	Water Table Elevation from Mean Sea Level (MSL) in feet
MW-1	9.18	-7.24	1.94
MW-2	8.74	-6.76	1.98
MW-3	9.54	-7.54	2.00
MW-4	10.12	-8.14	1.98

Field measurements were taken with the use of a 'Wild' plane level, and an electric tape graduated to the nearest 1/10th of a foot.

The groundwater flow direction was toward the South. Groundwater levels often fluctuate seasonally or as the results of tidal influence. The local flow direction beneath the subject site may be naturally influenced by zones of higher permeability such as buried stream channels, or artificially influenced by nearby well pumping or recharge. Therefore, the groundwater flow direction at the subject site may fluctuate and differ from the calculated gradient.

4.0 ANALYTICAL RESULTS

Water samples were labeled as : MW-1, MW-3, MW-4
Where: MW = Monitoring Well
1, 3, and 4 are well numbers

One water sample was collected from each of the three wells and analyzed. All Samples were analyzed for TPH-G, BTEX, Halogenated Volatile Organics, Lead, and Mercury. In addition, the sample collected from the new well (MW-4) was analyzed for EPA Priority Pollutants as Metals. The laboratory results are included in Appendix C. A Summary of the detected contaminants is presented in the Table Below:

Table 1 Analytical Results for Detected Contaminants:

Sample ID	Lead (Pb) (ppb)[1]	Mercury (Hg) (ppb)	Chromium (Cr) (ppb)	Nickel (Ni) (ppb)	Zinc (Ni) (ppb)
MW-1	N.D.[2]	0.58	N.A.[3]	N.A.	N.A.
MW-3	N.D.	1.1	N.A.	N.A.	N.A.
MW-4	*N.D.*	*0.26*	*10*	*91*	*24*

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

Benzene was detected in MW-1 (1.5 ppb)

No other sample detected any TPH-G or BTEX

No Halogenated Volatile Organics were detected

For comparison, the laboratory results from the past sampling episodes are presented in the Table 2 below:

Table 2 Summary of the Groundwater Metal Analysis Between 1986 and 1994

Sampling Date	Well ID	Cd ppb [1]	Cu ppb	Pb ppb	Hg ppb	Ni ppb	Zn ppb	Ti ppb	Cr ppb	Se ppb	As ppb
05/21/86	MW-1	N.D.[2]	N.D.	N.D.	1	N.D.	N.D.	N.D.	N.A.[3]	N.A.	N.A.
05/21/86	MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
05/21/86	MW-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-1	10	N.D.	N.D.	N.D.	70	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-2	20	N.D.	N.D.	N.D.	210	50	100.	N.A.	N.A.	N.A.
12/02/86	MW-3	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.
05/01/87	MW-1	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-2	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-3	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12/14/89	MW-1	N.D.	310	110	N.D.	440	840	N.A.	100	110	N.D.
12/14/89	MW-2	N.D.	100	150	2.5	570	290	N.A.	150	110	N.D.
12/14/89	MW-3	N.D.	110	32	N.D.	340	320	N.A.	98	38	N.D.
04/16/90	MW-1	N.D.	390	190	190	1900	850	N.A.	1200	N.D.	32
03/14/90	MW-2	N.D.	230	140	6.4	2000	450	N.A.	900	N.D.	N.D.
03/14/90	MW-3	N.D.	260	69	4	1700	560	N.A.	760	N.D.	N.D.
06/11/90	MW-1	N.D.	130	390	250	N.D.	270	N.A.	360	N.D.	20
06/11/90	MW-2	N.D.	260	210	3.7	N.D.	400	N.A.	830	N.D.	45
06/11/90	MW-3	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22
06/20/91	MW-1	N.D.	310	42	23	610.	300	N.A.	420	18	23
06/20/91	MW-2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/20/91	MW-3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08/17/93	MW-1	N.D.	N.D.	N.D.	1	110	27	N.A.	130	N.D.	N.D.
08/17/93	MW-2	N.D.	40	N.D.	1.2	N.D.	97	N.A.	190	N.D.	N.D.
08/17/93	MW-3	N.D.	26	N.D.	1.6	200	110	N.A.	100	N.D.	N.D.
03/15/94	MW-1	N.A.	N.A.	N.D.	0.52	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-3	N.A.	N.A.	8.6	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-4	N.D.	26	11	0.25	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-1	N.A.	N.A.	N.D.	0.58	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-3	N.A.	N.A.	N.D.	1.1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/15/94	MW-4	N.D.	N.D.	N.D.	0.26	91	24	N.A.	10	N.D.	N.D..

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

Note: At the request of SMCDHS, only Monitoring Wells MW-1, MW-3, and MW-4 were sampled this quarter. MW-2 was not sampled.

5.0 CONCLUSIONS

No significant level of any contaminant was detected this quarter.

6.0 RECOMMENDATIONS

Based on the analytical findings to date, no significant levels of metals or organics were detected in the groundwater at this site. Accutite requests a decision from SMCDHS to whether to perform additional two quarterly water sampling episodes at the site or grant site closure.

7.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

Thank you fro the opportunity to provide you with our services. If you have any questions, please contact the undersigned at (415) 952-5551.

Report prepared by:
Accutite Environmental Engineering,

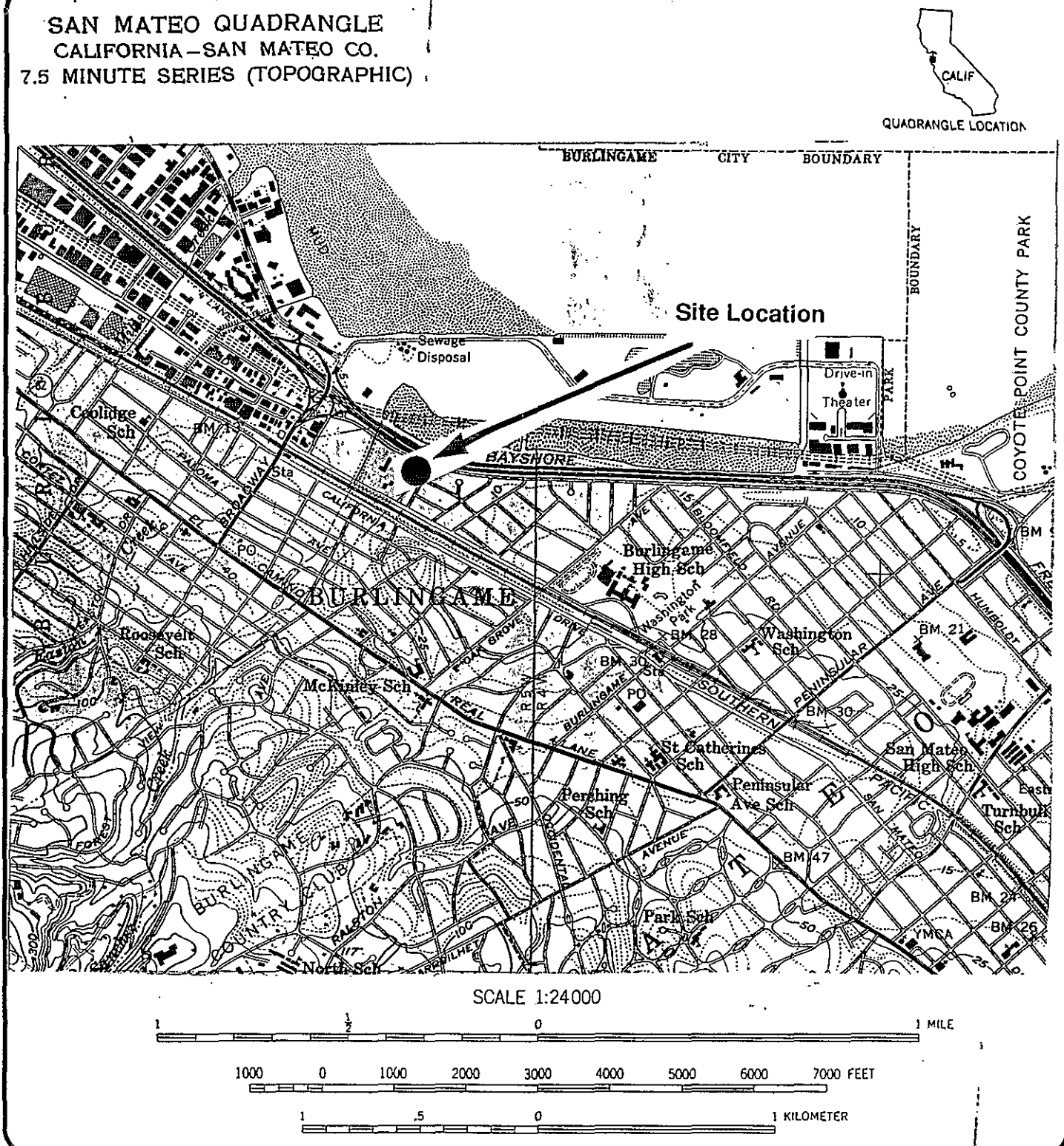
Sami Malaeb

Sami Malaeb, P.E., R.E.A.
Project Manager

FIGURES

FIGURES

SAN MATEO QUADRANGLE
CALIFORNIA—SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



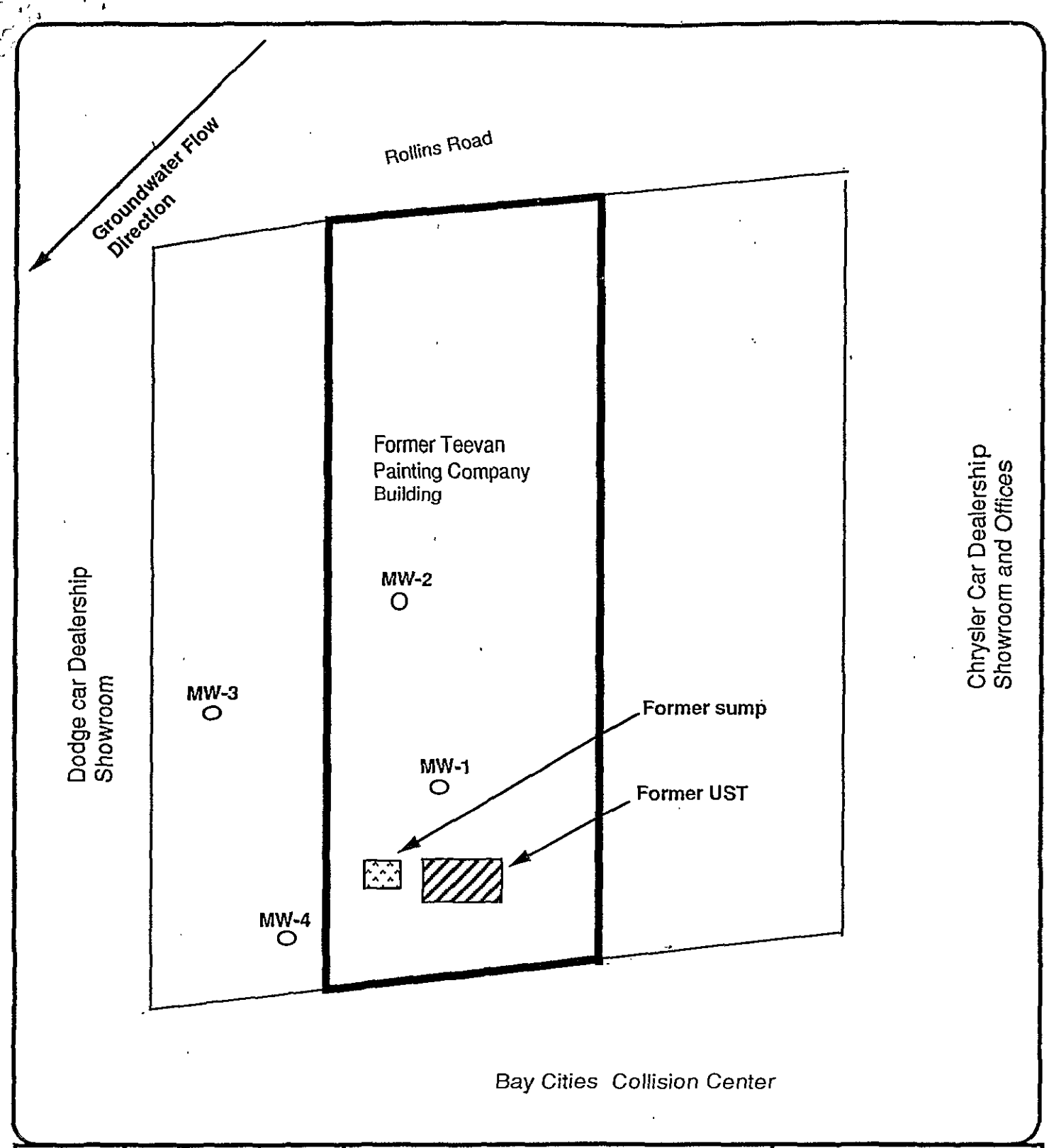
SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Revisions	Date	Page	Site: 1019 Rollins Road Burlingame, CA	By: ACCUTITE ENVIRONMENTAL ENGINEERING
	9/30/93	1		
1		of		
		1		
NORTH ↑	Figure 1		Site Location	35 South Linden Avenue South San Francisco California 94080



Revisions	Date	Page
	4/19/94	1
1		of
		1

Site Plot Plan
1019 Rollins Road
Burlingame, CA

Figure 2

By: ACCUTITE ENVIRONMENTAL ENGINEERING
35 South Linden Avenue
South San Francisco
California 94080

NORTH

Scale:
1" = 20'

Legend: MW = Monitoring Well
Approximate Location of Former Sump
Approximate Location of Former Gas Tank

APPENDIX A

SMCDHS CORRESPONDENCE

Department of Health Services
ENVIRONMENTAL HEALTH SERVICES DIVISION

BOARD OF SUPERVISORS
RUBEN BARRALES
MARY GRIFFIN
TOM HUENING
TED LEMPERT
MICHAEL D. NEVIN

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

COUNTY OF SAN MATEO

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063

(415) 363-4305
FAX # (415) 363-7882

December 22, 1993

ATTN: Alfred Molakidis
627 Occidental Avenue
San Mateo, CA 94402

SUBJECT: PROPERTY AT 1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA

I reviewed the Groundwater Monitoring and Summary of Subsurface Investigation Report, dated November 17, 1993, for the subject property. The latest round of sampling reported analytical results below drinking water standards for all contaminants. However, according to the August 17, 1993 calculated groundwater flow direction, there are no wells placed directly down gradient from the former tank pit and sump area. In order to qualify for case closure, this office recommends that a minimum of one additional well be placed within fifteen feet of the former sump area, in the "Westerly" direction.

This well will be required to be screened at the bottom of the aquifer allowing groundwater samples to be collected just above the aquitard. A total of four consecutive quarters of analytical results must be submitted from the down gradient well. If future quarters report simular findings, this office will request that the Regional Water Quality Control Board review this site for final case closure. For the initial sampling of the new well, this office recommends using all four wells to recalculate gradient. Only MW-1, MW-3 and the new well should be analyzed for TPH gas, BTEX, Industrial Solvents, Volatile Organic Compounds and Priority Metals. Depending on these results, future analytical requirements may be modified.

Please feel free to contact me at (415) 363-4472 if you have any questions.

Sincerely,

Dermot Casey
Hazardous Materials Specialist
County Remedial Oversight Program

cc: Sami Malaeb, Accutite, 35 So. Linden Avenue, So. San Francisco, CA 94080

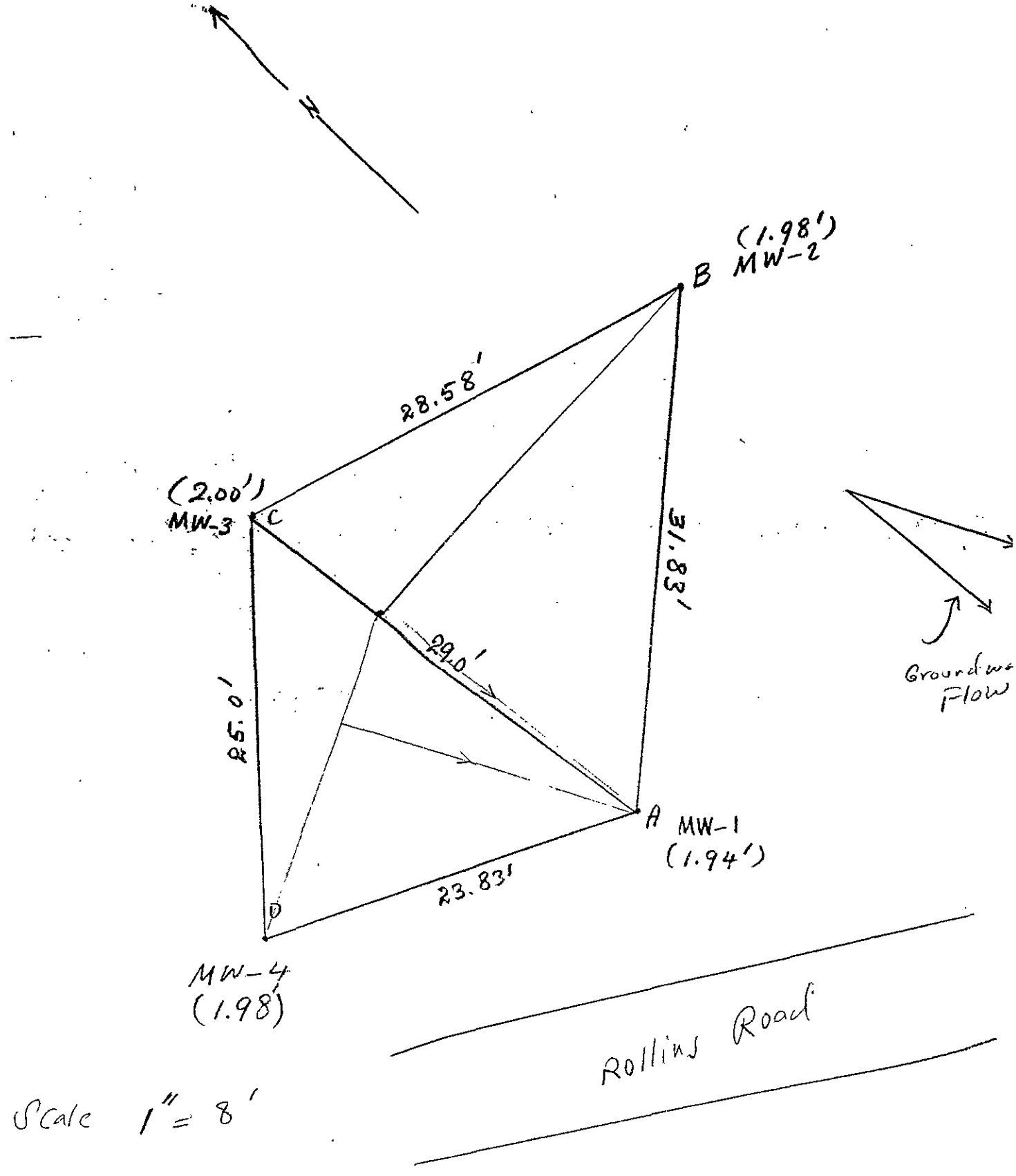
APPENDIX B

GROUNDWATER ELEVATIONS

7/26/94

1019 Rollins Road, Burlingame, CA

Groundwater Flow Calculations



Scale 1" = 8'

ACCUTITE

CALCULATION SHEET

DATE

DESIGN BY DATE 7/27/94 CHECKED BY SHEET NO.

PROJECT 1019 Rollins Road JOB NO.

SUBJECT 1994 second quarterly Sampling CALCULATION NO. FILE NO.

Well ID #	Top of well Casing elevation (ft)	Depth To water (ft)	Groundwater Elevation from mean sea level
MW-1	9.18	7.24	1.94
MW-2	8.74	6.76	1.98
MW-3	9.54	7.54	2.00
MW-4	10.12	8.14	1.98

Consider MW-1, MW-2, and MW-3

The point where the head is the same as the intermediate level.

$$\frac{2.00 - 1.98}{x} = \frac{2.00 - 1.94}{29.0}$$

$$x(0.06) = 0.58 \Rightarrow x = 9.66 \text{ ft}$$

Consider MW-1, MW-3, and MW-4

$$\frac{2.00 - 1.98}{x} = \frac{2.00 - 1.94}{29.0} \Rightarrow x = 9.66$$

APPENDIX C

LABORATORY RESULTS

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Matrix:	Water	Received:	Jun 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8015 Mod./8020	Reported:	Jun 30, 1994
Attention: Sami Malaeb	First Sample #:	4FB6801		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 4FB6801 MW-1	Sample I.D. 4FB6802 MW-3	Sample I.D. 4FB6803 MW-4
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.
Benzene	0.50	1.5	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.
Chromatogram Pattern:		Discrete Peak	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Analyzed:	6/22/94	6/21/94	6/21/94
Instrument Identification:	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery, %: (QC Limits = 70-130%)	89	86	86

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-1	Received:	Jun 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 23, 1994
Attention: Sami Malaeb	Lab Number:	4FB6801	Reported:	Jun 30, 1994

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-3	Received:	Jun 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 23, 1994
Attention: Sami Malaeb	Lab Number:	4FB6802	Reported:	Jun 30, 1994

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-4	Received:	Jun 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 23, 1994
Attention: Sami Malaeb	Lab Number:	4FB6803	Reported:	Jun 30, 1994

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-1	Received:	Jun 16, 1994
South San Francisco, CA 94080			Analyzed:	see below
Attention: Sami Malaeb	Lab Number:	4FB6801	Reported:	Jun 30, 1994

LABORATORY ANALYSIS

Analyte	Date Analyzed	Detection Limit mg/L	Sample Result mg/L
Lead	6/23/94	0.0050	N.D.
Mercury	6/22/94	0.00010	0.00058

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-3	Received:	Jun 16, 1994
South San Francisco, CA 94080			Analyzed:	see below
Attention: Sami Malaeb	Lab Number:	4FB6802	Reported:	Jun 30, 1994

LABORATORY ANALYSIS

Analyte	Date Analyzed	Detection Limit mg/L	Sample Result mg/L
Lead	6/23/94	0.010	N.D.
Mercury	6/23/94	0.00010	0.0011

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molakidis, 1019 Rollins Rd.	Sampled:	Jun 15, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-4	Received:	Jun 16, 1994
South San Francisco, CA 94080			Analyzed:	Jun 22-23, 1994
Attention: Sami Malaeb	Lab Number:	4FB6803	Reported:	Jun 30, 1994

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	5.0	N.D.
Arsenic	5.0	N.D.
Beryllium	5.0	N.D.
Cadmium	5.0	N.D.
Chromium	5.0	10
Copper	5.0	N.D.
Lead	15	N.D.
Mercury	0.10	0.26
Nickel	5.0	91
Selenium	5.0	N.D.
Silver	10	N.D.
Thallium	5.0	N.D.
Zinc	10	24

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis, 1019 Rollins Rd.
Matrix: Liquid
QC Sample Group: 4FB6801-03

Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	E. Cunanan	E. Cunanan	E. Cunanan	E. Cunanan
MS/MSD Batch#:	4FA2201	4FA2201	4FA2201	4FA2201
Date Prepared:	-	-	-	-
Date Analyzed:	6/21/94	6/21/94	6/21/94	6/21/94
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Matrix Spike % Recovery:	100	100	100	100
Matrix Spike Duplicate % Recovery:	86	86	87	87
Relative % Difference:	15	15	14	14
LCS Batch#:	-	-	-	-
Date Prepared:	-	-	-	-
Date Analyzed:	-	-	-	-
Instrument I.D.#:	-	-	-	-
LCS % Recovery:	-	-	-	-
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis, 1019 Rollins Rd.
Matrix: Liquid
QC Sample Group: 4FB6801, 03

Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	H. Porter	H. Porter	H. Porter
MS/MSD Batch#:	4FB4201	4FB4201	4FB4201
Date Prepared:	6/22/94	6/22/94	6/22/94
Date Analyzed:	6/23/94	6/23/94	6/23/94
Instrument I.D.#:	GCHP-8	GCHP-8	GCHP-8
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Matrix Spike % Recovery:	92	96	88
Matrix Spike Duplicate % Recovery:	92	96	92
Relative % Difference:	0.0	0.0	4.4
LCS Batch#:	-	-	-
Date Prepared:	-	-	-
Date Analyzed:	-	-	-
Instrument I.D.#:	-	-	-
LCS % Recovery:	-	-	-
% Recovery Control Limits:	28-167	35-146	38-150

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis, 1019 Rollins Rd.
Matrix: Liquid
QC Sample Group: 4FB6802

Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	H. Porter	H. Porter	H. Porter
MS/MSD Batch#:	4FC3101	4FC3101	4FC3101
Date Prepared:	6/23/94	6/23/94	6/23/94
Date Analyzed:	6/23/94	6/23/94	6/23/94
Instrument I.D.#:	GCHP-9	GCHP-9	GCHP-9
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L
Matrix Spike % Recovery:	116	96	108
Matrix Spike Duplicate % Recovery:	120	100	112
Relative % Difference:	3.4	4.1	3.6
LCS Batch#:	-	-	-
Date Prepared:	-	-	-
Date Analyzed:	-	-	-
Instrument I.D.#:	-	-	-
LCS % Recovery:	-	-	-
% Recovery Control Limits:	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis, 1019 Rollins Rd.
Matrix: Liquid
QC Sample Group: 4FB6803

Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Beryllium	Cadmium	Chromium	Nickel	Arsenic	Selenium	Antimony
Method:	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7	EPA 206.2	EPA 270.2	EPA 204.2
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	W. Thant	W. Thant	W. Thant
MS/MSD Batch#:	4FB1701	4FB1701	4FB1701	4FB1701	4FB1701	4FB1701	4FB1701
Date Prepared:	6/21/94	6/21/94	6/21/94	6/21/94	6/21/94	6/21/94	6/21/94
Date Analyzed:	6/21/94	6/21/94	6/21/94	6/21/94	6/22/94	6/22/94	6/22/94
Instrument I.D.#:	MTJA-2	MTJA-2	MTJA-2	MTJA-2	MTJA-3	MTJA-3	MTJA-3
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	0.050 mg/L	0.050 mg/L	0.050 mg/L
Matrix Spike % Recovery:	90	92	88	86	117	61	114
Matrix Spike Duplicate % Recovery:	102	102	100	98	110	65	103
Relative % Difference:	13	10	13	13	6.2	6.3	10
LCS Batch#:	BLK062194	BLK062194	BLK062194	BLK062194	BLK062194	BLK062194	BLK062194
Date Prepared:	6/21/94	6/21/94	6/21/94	6/21/94	6/21/94	6/21/94	6/21/94
Date Analyzed:	6/21/94	6/21/94	6/21/94	6/21/94	6/22/94	6/22/94	6/22/94
Instrument I.D.#:	MTJA-2	MTJA-2	MTJA-2	MTJA-2	MTJA-3	MTJA-3	MTJA-3
LCS % Recovery:	100	100	100	99	111	105	106
% Recovery Control Limits:	75-125	75-125	75-125	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis, 1019 Rollins Rd.
Matrix: Liquid
QC Sample Group: 4FB6803

Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Thallium	Nickel	Lead	Mercury
Method:	EPA 279.2	EPA 249.2	EPA 239.2	EPA 245.1
Analyst:	W. Thant	W. Thant	J. Martinez	M. Shkidt
MS/MSD Batch#:	4FB1701	4FB1701	4FB1701	4FB4201
Date Prepared:	6/21/94	6/21/94	6/21/94	6/22/94
Date Analyzed:	6/22/94	6/21/94	6/23/94	6/22/94
Instrument I.D.#:	MTJA-1	MTJA-1	MTJA-1	MV-1
Conc. Spiked:	0.050 mg/L	0.050 mg/L	0.050 mg/L	0.0020 mg/L
Matrix Spike % Recovery:	70	105	102	99
Matrix Spike *Duplicate* % Recovery:	78	115	110	98
Relative % Difference:	11	9.1	7.5	1.0
LCS Batch#:	BLK062194	BLK062194	BLK062194	CCV062294
Date Prepared:	6/21/94	6/21/94	6/21/94	6/22/94
Date Analyzed:	6/22/94	6/21/94	6/23/94	6/22/94
Instrument I.D.#:	MTJA-1	MTJA-1	MTJA-1	MV-1
LCS % Recovery:	96	103	91	97
% Recovery Control Limits:	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molakidis, 1019 Rollins Rd.
Matrix: Liquid
QC Sample Group: 4FB6801-02
Reported: Jun 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Mercury	Lead
Method:	EPA 245.1	EPA 239.2
Analyst:	M. Shkidt	J. Martinez
MS/MSD Batch#:	4FB4201	4FB1701
Date Prepared:	6/22/94	6/21/94
Date Analyzed:	6/22/94	6/23/94
Instrument I.D.#:	MV-1	MTJA-1
Conc. Spiked:	0.0020 mg/L	0.050 mg/L
Matrix Spike % Recovery:	99	102
Matrix Spike Duplicate % Recovery:	98	110
Relative % Difference:	1.0	7.5

LCS Batch#:	CCV062294	BLK062194
Date Prepared:	6/22/94	6/21/94
Date Analyzed:	6/22/94	6/23/94
Instrument I.D.#:	MV-1	MTJA-1
LCS % Recovery:	97	91
% Recovery Control Limits:	75-125	75-125

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

CHAIN OF CUSTODY

CLIENT: ACCUTITE ENVIRONMENTAL ENGINEERING

ADDRESS: 35 S. LINDEN, SOUTH SAN FRANCISCO, CA 94080

PHONE # (415) 952-5551

PROJECT NAME/ADDRESS: Al Molakidis, 1019 Rollins Rd., Burlingame

SAMPLER: Bulmaro Godinez DATE: 6/15/94

REPORT TO: Sami Maleab

BILLING TO: ACCUTITE

BILLING REFERENCE #: 203

TURNAROUND TIME: 8 HR | 24 HR | 48 HR | 72 HR | 5 DAY | 10 DAY X | OTHER

9406B68

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME	TPH-G & BTEX	HALOG. Vol. organic EPA 8010	Pb & Hg	EPA priority Metals	REMARKS	SAMPLE NUMBER
MW-1	Water	3	40 ml vials	6/15/94	X					
MW-1	Water	3	40ml vials	6/15/94		X				
MW-1	Water	1	1l bottle	6/15/94			X			
MW-3	Water	3	40 ml vials	6/15/94	X					
MW-3	Water	2	40 ml vials	6/15/94		X				
MW-3	Water	1	1l bottle	6/15/94			X			
MW-4	Water	3	40 ml vial	6/15/94	X					
MW-4	Water	3	40 ml vial	6/15/94		X				
MW-4	water	1	1l bottle	6/15/94				X		

RELINQUISHED BY: Sami Maleab DATE: 6/16/94 TIME: 0900 RECEIVED BY: S Wright

RELINQUISHED BY: S Wright DATE: 6/16/94 TIME: [illegible] RECEIVED BY:

RELINQUISHED BY: [illegible] DATE: 6/16/94 TIME: [illegible] RECEIVED BY: C Ben[illegible]

LAB COMMENTS:

Box 9594

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing (415) 952-0287

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
JUN 21 1995
RECEIVED

June 20, 1994

Mr. Dermot Casey
Hazardous Materials Specialist
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street, Fourth Floor
Redwood City, CA 94063

Subject: Closure of Four Monitoring Wells at Al Molakidis Site, Located at 1019 Rollins Road in Burlingame, California

Dear Mr. Casey:

Accutite Environmental Engineering is pleased to inform you that the four monitoring wells located at 1019 Rollins Road in Burlingame, California were closed in place on May 24, 1995. A copy of the permit application to close these wells is attached.

The well closure was performed as follows:

1. All four wells were re-drilled by a licensed drilling company, HEW drilling of Palo Alto. All casings and surrounding cement and bentonite materials were removed and disposed of offsite. No hydrocarbon smell or staining was noticed in any of the former wells.

2. Subsequently, all four wells were filled with slurried concrete and closed in place.

Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb, P.E., R.E.A.
Project Manager

cc: Mr. Al Molakidis, 87 West Poplar Avenue, San Mateo, CA 94402

RECYCLED PAPER

ATTACHMENT

WELL CLOSURE PERMIT

SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SERVICES DIVISION

PERMIT NO. XXXXXXXXXX 03276

LMW-100-95

ENVIRONMENTAL PERMIT HEALTH

FEE CATEGORY 2010 SOIL BORINGS/VADOSE/VAPOR/MONITORING WELLS

ORDINANCE NO. 03101

DATE ISSUED 05/18/95 EXP. DATE 08/18/95 ISSUED BY: D.CASEY
ENVIRONMENTAL HEALTH SPECIALIST

ISSUED TO
OWNER:
ALFRED MOLAKIDIS
87 W POPLAR AVE
SAN MATEO 94402

CONTRACTOR:
HEW DRILLING
1045 WEEKS ST
E PALO ALTO 94303

CONSULTANT: ACCUTITE ENVIR ENG
APN/CN 026-240-310 CT AMOUNT PAID:

TERMS AND CONDITIONS
MONITORING WELL DESTRUCTION (4)

LOCATION: 1019 ROLLINS RD, BURLINGAME

THIS PERMIT IS NONTRANSFERABLE AND MUST BE ON SITE.


RECEIVED
MAY 1995

SUBSURFACE DRILLING APPLICATION

Upon review of the information on this application and submitted workplan and subject to approval noted below, a permit will be issued allowing owner/agent driller/agent to construct the described well. Permission to mobilize may be withheld until a field check verifies all statements made on application by Permittee and is also subject to the "General" and "Special" Conditions stated below.

In addition to the well location map included in the workplan, attach a copy to the permit. The well location map shall include the following:

1. Sketch well location to scale, show dimension to nearest foot
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named street and or property lines. These dimensions may be estimated and subsequently finalized in the report of findings.
3. North Arrow, existing site features, existing wells and any other pertinent information.

GENERAL CONDITIONS:

A. Construction under this permit is subject to any instructions by a Health Department representative relative to the "Standards for the Construction of Wells in San Mateo County" and the State Water Well Standards.

B. Permit may be voided before work begins if field check reveals any misrepresentation under "well location" of the submitted workplan.

C. The permit is valid only for the purpose specified herein. No change in construction procedure as prescribed in the workplan and in the special conditions below will be allowed except upon written permission of the County.

D. Permittee shall assume entire responsibility for all activities and uses under the permit and shall indemnify, defend and save the County of San Mateo, its' officers, agents and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of the permit including, but not limited to property damage, personal injury and wrongful death.

E. The wells may not be used for domestic water supplies unless separately approved by the Office of Environmental Health.

F. Permit will be automatically canceled if not exercised or if an extension is not requested by Permittee with 90 calendar days of above date.

G. Driller is to complete State DWR Form 188 and mail original to San Mateo County Environmental Health within 30 days of completion of well construction.

H. For the construction of water producing wells a Permittee must be a licensed water well drilling contractor unless the work is to be done by the landowner or employees of the landowner. (See Business & Professions Code 7026.3, 7028).

I. Dry holes and/or soil borings must be grouted within one week of drilling.

J. Well destruction shall be done in accordance with State and County Standards.

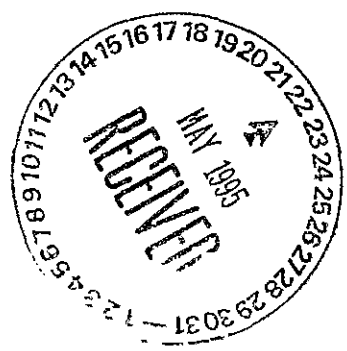
K. All workplans and reports need to conform to County LUFT Enforcement guidelines as well as Regional Water Quality Control Board guidelines and the State Water Well Standards.

L. If contamination is discovered, verbal notification to the county is required within 48 hours. A written report is required within 30 days.

SPECIAL CONDITIONS:

All monitoring wells are to be surveyed to Mean Sea Level Datum.

Approved: _____ Date: 5/15/95


RECEIVED
MAY 1995

9

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

MAY 02 1994

RECEIVED

April 25, 1994

Mr. Dermot Casey
Hazardous Materials Specialist
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: **Report on the Installation of One Groundwater Monitoring Well and Sampling and Analysis at 1019 Rollins Road in Burlingame, California**

Dear Mr. Casey:

Accutite Environmental Engineering is pleased to submit this report summarizing the proceedings for the installation of one groundwater monitoring well and sampling and analysis of the soil and groundwater at 1019 Rollins Road in Burlingame, California

As you requested in your letter, dated December 22, 1993, Accutite installed one monitoring well in the presumed downgradient direction from the former underground gasoline tank and sump. In addition to the new well, Accutite sampled two existing wells, MW-1 and MW-3.

As a result of the new well installation and the groundwater sampling episode, our conclusions are presented below.

The results of the soil samples collected from the soil borehole during the installation of monitoring well MW-4 showed the following:

- No TPH-G or BTEX levels were detected.
- No Halogenated Volatile Organics were detected.
- The levels of Mercury (Hg) and Lead (Pb) were insignificant and well below the hazardous waste levels.

The water sample collected from the new well (MW-4) showed the following:

- No Industrial solvents levels were detected
- No TPH-G or BTEX were detected.
- No Halogenated Volatile Organics were detected.

Levels of Mercury and Lead were below the California Maximum Contaminant (MCL) Levels and below the freshwater aquatic life protection levels for hard water.

RECYCLED PAPER

Benzene was detected in the water at 1.4 ppb in MW-1, which is slightly above the primary MCL level of 1ppb.

Accutite will contact you at a later date to discuss the analytical findings of this report. Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb

Sami Malaeb, P.E., R.E.A.
Project Manager

cc Mr. Al Molakidis

Enclosure

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

REPORT ON THE INSTALLATION OF ONE GROUNDWATER MONITORING WELL & SOIL AND GROUNDWATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
MAY 02 1994
RECEIVED

Prepared For: Mr. Al Molakidis
627 Occidental Avenue
San Mateo, California

Prepared By: Accutite Environmental Engineering
35 South Linden Avenue
South San Francisco, CA 94080
Sami Malaeb, P.E., R.E.A.

Date: April 25, 1994

RECYCLED PAPER

TABLE OF CONTENTS

RECYCLED PAPER

1.0 INTRODUCTION

Mr. Alfred Molakidis retained Accutite Environmental Engineering (Accutite) to install one groundwater monitoring well and sample and analyze soil and groundwater at 1019 Rollins Road in Burlingame, California (Figure 1).

1.1 BACKGROUND

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986. Subsequently, Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells onsite. Between 1986 and 1994, these three wells were sampled several times. For a summary of all quarterly monitoring activities and further background information, please see Accutite's report, dated November 17, 1993, titled "Groundwater Monitoring and Summary of Subsurface Investigation at 1019 Rollins Road, Burlingame, California".

Following the review of Accutite's November 17, 1993 report, Mr. Dermot Casey, of the San Mateo County Department of Health Services (SMCDHS) recommended the installation of one groundwater monitoring well in the presumed downgradient from the former sump and underground gasoline tank. Also, Mr. Casey recommended additional four quarters of sampling and analysis of the groundwater in the new well and wells MW-1 and MW-3. The County's letter is provided in Appendix A.

1.2 PURPOSE

The purpose of this investigation is to implement the County's recommendations by providing the following:

1. Assess the condition of the soil and groundwater west of the former sump and underground gasoline tank by installing one groundwater monitoring well

2. Sample and analyze groundwater in the new well and in monitoring wells MW-1 and MW-3.

3. Based on recent and past soil and groundwater analytical findings, present conclusions and recommendations.

2.0 MONITORING WELL INSTALLATION

2.1. WORKPLAN AND PERMITTING

Before the actual installation of the monitoring well, Accutite prepared a workplan and a permit application for well construction. The workplan was submitted to SMCDHS on February 22, 1994. Following the approval of the workplan, Accutite submitted the permit application for well construction on March 1, 1994. Copies of the approved workplan and the permit are included in Appendix B. *USA Alert was informed to mark utilities in the location of the new well.*

2.2 SUMMARY OF WORK PERFORMED

The 2-inch monitoring well (MW-4) was installed on March 15, 1994. The Well was installed in accordance with the guidelines set forth by the Regional Water Quality Control Board, and the SMCDHS.

Drilling was performed by staff employed by HEW Drilling, East Palo Alto, California. Work was performed under the supervision of SMCDHS.

The well was developed on March 21, 1994 and sampled on March 22, 1994.

The drill cuttings and Purge water were stored onsite in 55-gallon labeled drums pending laboratory analysis.

2.3 SAMPLING METHODOLOGY

Soil Sampling

The soil samples were collected in a thin-walled brass cylinder (6" X 2" diameter) which was placed within a California Modified split spoon sampler, driven through the hollow stem of the drilling augers by a 140 pound hammer, dropping 30 inches. No headspace was present in the cylinder when the sample was collected. To seal the sample, each end of the cylinder was covered with aluminum foil and then capped with a polyethylene lid, taped, and labeled. Care was taken throughout this process to avoid contamination of the inside and outside of the cylinder and its contents. The sample was then immediately placed in an ice chest containing blue ice and kept cold (approximately 4° C) for delivery to the laboratory. Soil samples were sent within 24 hours under chain of custody to Sequoia Analytical Laboratory.

Groundwater Sampling

The well was developed with the use of a variable speed, non air-actuated hydrolift pump, wich was connected to a high density polyethylene, well dedicated, clean tubing and check valve. Development water was collected in a labeled drum (compatible with the storage of the contaminants), pending receipt of analytical results. Well development was intended to clear the well casing and surrounding sand pack from the fine sands and silts. Well development was performed on March 21, 1994.

With the use of the same well dedicated tubing, a minimum of four well volumes, or until temperature, conductivity, and pH have stabilized, were removed prior to sampling on March 22, 1994. Purge Water was collected in a labeled drum.

Groundwater Samples were obtained through the same well dedicated tubing, directly transferred intoVOA laboratory cleaned glass vials to be analyzed for Total Petroleum Hydrocarbons as Gasoline (THP-G) with Benzene, Toluene, Ethyl Benzene and Total Xylenes distinctions (BTEX). Other bottles for metal analysis were provided by Sequoia analytical Laboratory. Containers were labeled, placed on blue ice in an ice chest, and transported under chain of custody, within 24 hours, to a Sequoia Analytical Laboratory for analysis. A copy of the analytical results performed and the chain of custody forms used, are included in Appendix C.

2.4 DECONTAMINATION PROCEDURES

Drilling augers were steam cleaned prior to being brought on site. Split spoon sampler was cleaned in between sampling by washing it with alconox solution, then double rinsed with clean

tap water. New clean brass liners were used.

VOA vials and/or other water containers were not field cleaned. All containers for water sampling were laboratory cleaned, properly packaged, and brought on site.

2.5 MONITORING WELL CONSTRUCTION

The groundwater monitoring well was constructed with the use of a power rig equipped with an 8-inch outside diameter, continuous-flight, hollow-stem auger. All drill cuttings were left on site, in labeled drums, pending receipt of analytical results. Then later disposed of as Non-hazardous waste. Well construction consisted of a 2-inch diameter PVC casing. Well bottom was terminated in the first aquitard encountered below the uppermost aquifer. well casing extended approximately 20 feet into the saturated zone, and terminated at a depth of 30 feet.

Well casing consisted of new, clean 2-inch diameter PVC. All screened casings were 0.020" factory made. All connections were mechanically made, without the use of chemicals (or adhesives).

Well casings, from the bottom of the well extending to the ground surface, consisted of a bottom threaded cap, followed by screen, then blank. For detail of well construction casing, please refer to the boring log in Appendix D. Sand pack consisted of No. 3 clean Monterey sand. Neat cement consisted of five gallons of clean water mixed with one 94-lbs bag of Portland cement. Cement was properly mixed on-site, versus at the batching plant. The reason being per the preference of the drilling companies, in order to avoid gravel residuals from the batching plant and/or the transfer trucks clogging the tremie lines and/or causing potential voids in the well seal. The well sealing procedure was witnessed by SMCDHS Health Inspector Mr. Dermot Casey.

Well head was fitted with a locking cap, covered by a Christy manhole cover, and set in concrete.

2.6 GRADIENT DETERMINATION

A survey of the new monitoring well (MW-4) and the existing three wells (MW-1, MW-2, and MW-3) was completed on April 19, 1994. Water depth was measured with respect to a fixed datum point onsite (the top of the fire hydrant on Rollins Road). Survey results and groundwater flow direction calculations are included in Appendix E

Table 1- Water Table Elevations

Well ID#	Top of Well Casing Elevation (ft)	Depth to Water Table (ft)	Water Table Elevation from Mean Sea Level (MSL) in feet
MW-1	9.18	-7.26	1.92
MW-2	8.74	-6.80	1.94
MW-3	9.54	-7.62	1.92
MW-4	10.12	-8.21	1.91

Field measurements were taken with the use of a 'Wild' plane level, and an electric tape graduated to the nearest 1/10th of a foot.

The groundwater flow direction was basically flat with a slight dip toward the west. Groundwater levels often fluctuate seasonally or as the results of tidal infuence. The local flow direction beneath the subject site may be naturally influenced by zones of higher permeability

such as buried stream channels, or artificially influenced by nearby well pumping or recharge. Therefore, the groundwater flow direction at the subject site may fluctuate and differ from the calculated gradient.

3.0 SAMPLING AND ANALYSIS

3.1 SOIL SAMPLES

Soil samples were collected at 5 foot intervals from 5 to 30 feet below local grade elevations.

Soil samples were labeled as follows: Example, MW-4-5.5
Where: MW = monitoring well
4 is the well number
5.5 represent the depth of the sample from the surface.

All soil samples were analyzed for Total Lead (Pb), Total Mercury (Hg), Total Petroleum Hydrocarbons as Gasoline (TPH-G) with Benzene, Toluene, Ethyl Benzene and Total Xylenes distinctions (BTEX). In addition, the sample collected at 10 feet below surface (MW-4-10) and the bottom sample (MW-4-30) were analyzed for priority metals, and Halogenated Volatile Organics. The laboratory results are included in Appendix C. A Summary of the detected contaminants is presented below:

Table 2- Soil Sampling Results

Sample ID	Cd ppm [1]	Cu ppm	Pb ppm	Hg ppm	Ni ppm	Zn ppm	Ti ppm	Cr ppm	Sb ppm	As ppm
MW-4-5.5	N.A.[2]	N.A.	10.	N.D.[3]	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MW-4-10	0.65	13.	7.1.	N.D.	81.	42.	N.A.	79.	27.	N.D..
MW-4-15	N.A.	N.A.	6.7	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MW-4-20	N.A.	N.A.	6.7	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MW-4-25	N.A.	N.A.	9.6	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MW-4-30	0.55	12	8.7	N.D.	55	42	N.A.	44	20	N.D..

1 ppm = Parts per million

2 N.A. = Not analyzed for

3 N.D. = Non detect

None of the Halogenared Volatile Organics was detected

No TPH-G or BTEX were detected

3.2 GROUNDWATER SAMPLES

Water samples were labeled as : MW-1, MW-3, MW-4
Where: MW = Monironing Well
1, 3, and 4 are well numbers

One water sample was collected from each of the three wells and analyzed. All samples were analyzed for TPH-G, BTEX, Lead, and Mercury. In addition, the sample collected from the new well was analyzed for Industrial Solvents and Halogenated Volatile Organics. The laboratory results are included in Appendix C. A Summary of the detected contaminants is presented lin Table 3 below.

Table 3- Analytical Results for Detected Lead and Mercury

Sample ID	Lead (Pb) (ppb)	Mercury (Hg) (ppb)
MW-1	N.D.	0.52
MW-3	8.6	0.75
MW-4	11	0.25

Benzene was detected in sample MW-1 (1.4 ppb)

No other sample detected any TPH-G or BTEX

No Halogenated Volatile Organics were detected

No Industrial solvents were detected.

For comparison, the laboratory results from the past sampling episodes are presented in the following Table:

Table 4- Summary of the Groundwater Metal Analysis Between 1986 and 1994

Sampling Date	Well ID	Cd ppb 1	Cu ppb	Pb ppb	Hg ppb	Ni ppb	Zn ppb	Ti ppb	Cr ppb	Se ppb	As ppb
05/21/86	MW-1	N.D.2	N.D.	N.D.	1	N.D.	N.D.	N.D.	N.A.3	N.A.	N.A.
05/21/86	MW-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
05/21/86	MW-3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-1	10	N.D.	N.D.	N.D.	70	N.D.	N.D.	N.A.	N.A.	N.A.
12/02/86	MW-2	20	N.D.	N.D.	N.D.	210	50	100.	N.A.	N.A.	N.A.
12/02/86	MW-3	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.
05/01/87	MW-1	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-2	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
05/01/87	MW-3	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12/14/89	MW-1	N.D.	310	110	N.D.	440	840	N.A.	100	110	N.D.
12/14/89	MW-2	N.D.	100	150	2.5	570	290	N.A.	150	110	N.D.
12/14/89	MW-3	N.D.	110	32	N.D.	340	320	N.A.	98	38	N.D.
04/16/90	MW-1	N.D.	390	190	190	1900	850	N.A.	1200	N.D.	32
03/14/90	MW-2	N.D.	230	140	6.4	2000	450	N.A.	900	N.D.	N.D.
03/14/90	MW-3	N.D.	260	69	4	1700	560	N.A.	760	N.D.	N.D.
06/11/90	MW-1	N.D.	130	390	250	N.D.	270	N.A.	360	N.D.	20
06/11/90	MW-2	N.D.	260	210	3.7	N.D.	400	N.A.	830	N.D.	45
06/11/90	MW-3	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22
06/20/91	MW-1	N.D.	310	42	23	610.	300	N.A.	420	18	23
06/20/91	MW-2	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
06/20/91	MW-3	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
08/17/93	MW-1	N.D.	N.D.	N.D.	1	110	27	N.A.	130	N.D.	N.D.
08/17/93	MW-2	N.D.	40	N.D.	1.2	N.D.	97	N.A.	190	N.D.	N.D.
08/17/93	MW-3	N.D.	26	N.D.	1.6	200	110	N.A.	100	N.D.	N.D.
03/15/94	MW-1	N.A.	N.A.	N.D.	0.52	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-3	N.A.	N.A.	8.6	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
03/15/94	MW-4	N.D.	26	11	0.25	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

1- ppb = Parts per billion

2- N.D. = Below the specified detection limit

3- N.A. = Not Analyzed for.

N/A Not Available

Note: At the request of SMCDHS, only Monitoring Wells MW-1, MW-3, and MW-4 were sampled this quarter. MW-2 was not sampled. Please see Appendix A.

4.0 CONCLUSIONS

Accutite Environmental Engineering has completed the installation of one groundwater monitoring well as outlined in the work plan dated February 22, 1994, submitted to and approved by SMCDHS. The results of the soil samples collected from the soil borehole during the installation of monitoring well MW-4 showed the following:

- No TPH-G or BTEX levels were detected.
- No Halogenated Volatile Organics were detected.
- The levels of Mercury (Hg) and Lead (Pb) were insignificant and well below the hazardous waste levels.

The water sample collected from the new well (MW-4) showed the following:

- No Industrial solvents levels were detected
- No TPH-G or BTEX were detected.
- No Halogenated Volatile Organics were detected.

Levels of Mercury and Lead were below the California Maximum Contaminant (MCL) Levels and below the freshwater aquatic life protection levels for hard water.

Benzene was detected in the water at 1.4 ppb in MW-1, which is slightly above the primary MCL level of 1ppb.

5.0 RECOMMENDATIONS

Additional three quarterly water sampling episodes are recommended by the SMCDHS. Results of this quarterly sampling and the future three quarters will be compiled and discussed with SMCDHS with the goal of obtaining site closure.

6.0 LIMITATIONS

Our services consist of professional opinions, conclusions, and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

Thank you fro the opportunity to provide you with our services. If you have any questions, please contact the undersigned at (415) 952-5551.

Report prepared by:
Accutite Environmental Engineering,

Sami Malaeb, P.E., R.E.A.
Project Manager

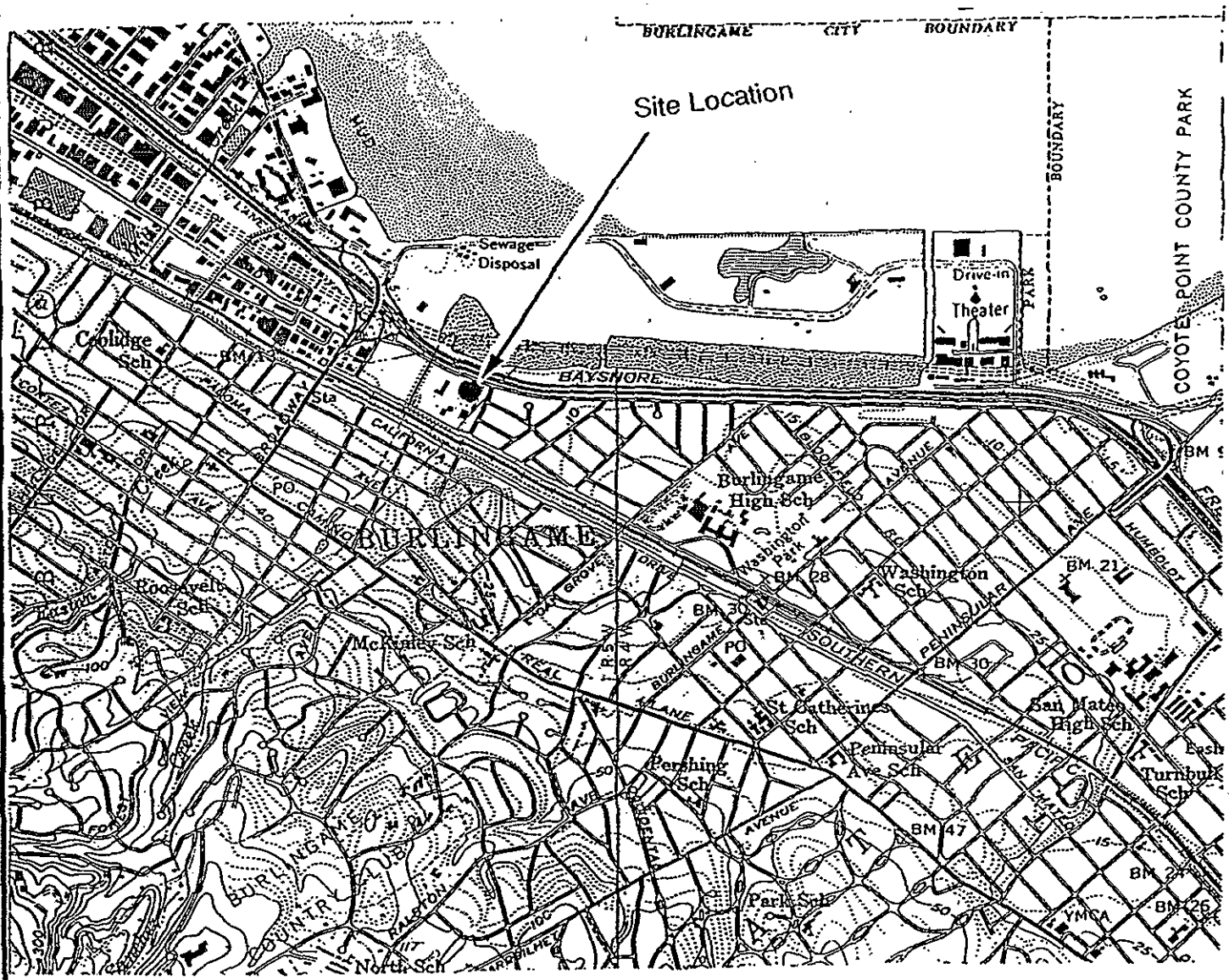
Eddy A. Tabet, P.E.
General Manager

FIGURES

SAN MATEO QUADRANGLE
CALIFORNIA – SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Projected Groundwater Flow Direction

QUADRANGLE LOCATION



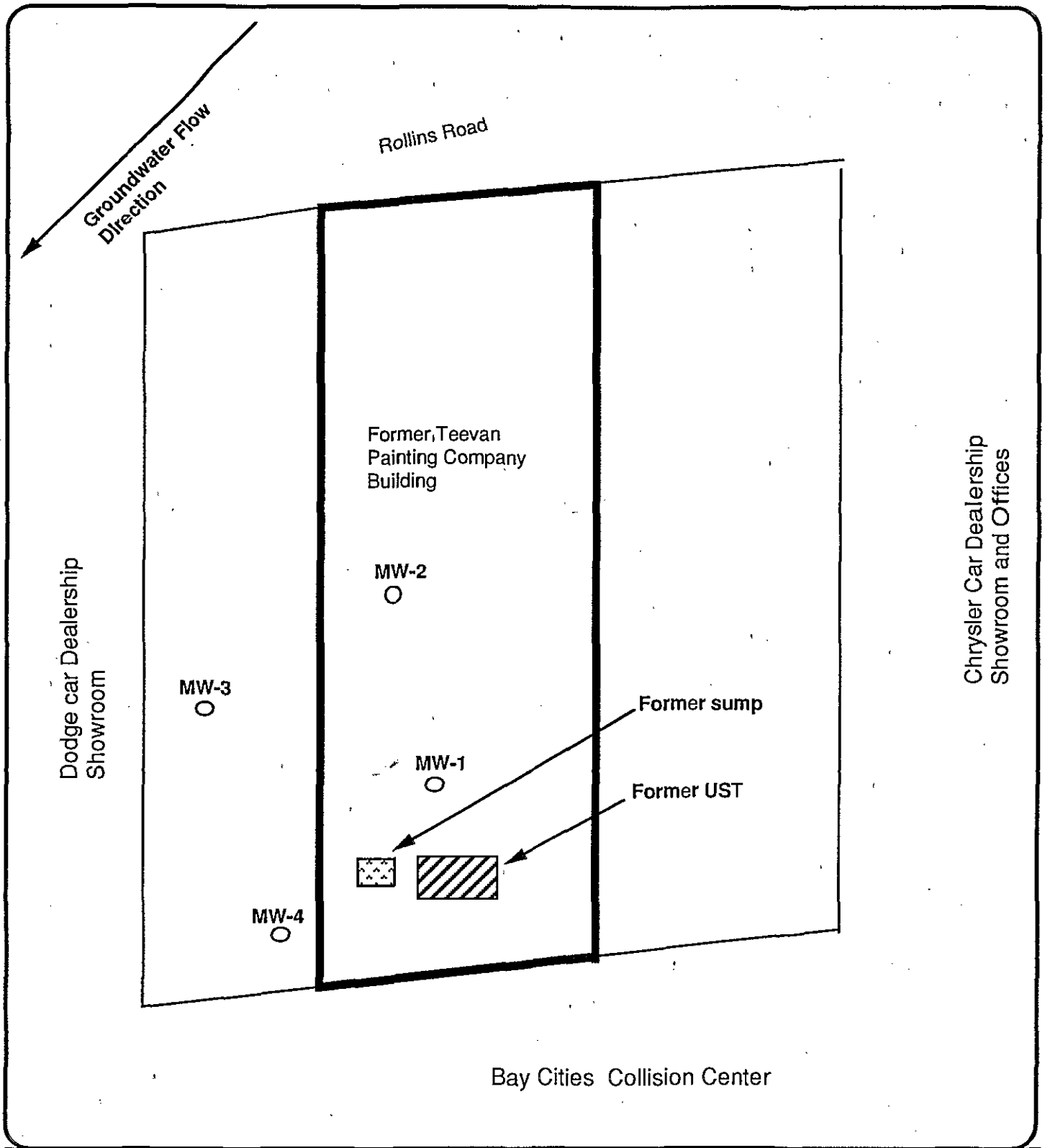
SCALE 1:24000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 0 KILOMETER

Revisions	Date	Page	Site: 1019 Rollins Road Burlingame, CA	By: ACCUTITE ENVIRONMENTAL ENGINEERING 35 South Linden Avenue South San Francisco California 94080
	9/30/93	1		
1		of		
		1		
NORTH ↑	*Figure 1*		Site Location	



Revisions	Date	Page
	4/19/94	1
1		of
		1

Site Plot Plan
1019 Rollins Road
Burlingame, CA

Figure 2

By: ACCUTITE ENVIRONMENTAL ENGINEERING
35 South Linden Avenue
South San Francisco
California 94080

NORTH

Scale:
1" = 20'

Legend: MW = Monitoring Well
Approximate Location of Former Sump
Approximate Location of Former Gas Tank

APPENDIX A

SMCDHS CORRESPONDENCE

Department of Health Services
ENVIRONMENTAL HEALTH SERVICES DIVISION

BOARD OF SUPERVISORS
RUBEN BARRALES
MARY GRIFFIN
TOM HUENING
TED LEMPERT
MICHAEL D. NEVIN

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

COUNTY OF SAN MATEO

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063

(415) 363-4305
FAX # (415) 363-7882

December 22, 1993

ATTN: Alfred Molakidis
627 Occidental Avenue
San Mateo, CA 94402

SUBJECT: PROPERTY AT 1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA

I reviewed the Groundwater Monitoring and Summary of Subsurface Investigation Report, dated November 17, 1993, for the subject property. The latest round of sampling reported analytical results below drinking water standards for all contaminants. However, according to the August 17, 1993 calculated groundwater flow direction, there are no wells placed directly down gradient from the former tank pit and sump area. In order to qualify for case closure, this office recommends that a minimum of one additional well be placed within fifteen feet of the former sump area, in the "Westerly" direction.

This well will be required to be screened at the bottom of the aquifer allowing groundwater samples to be collected just above the aquitard. A total of four consecutive quarters of analytical results must be submitted from the down gradient well. If future quarters report simular findings, this office will request that the Regional Water Quality Control Board review this site for final case closure. For the initial sampling of the new well, this office recommends using all four wells to recalculate gradient. Only MW-1, MW-3 and the new well should be analyzed for TPH gas, BTEX, Industrial Solvents, Volatile Organic Compounds and Priority Metals. Depending on these results, future analytical requirements may be modified.

Please feel free to contact me at (415) 363-4472 if you have any questions.

Sincerely,

Dermot Casey
Hazardous Materials Specialist
County Remedial Oversight Program

cc: Sami Malaeb, Accutite, 35 So. Linden Avenue, So. San Francisco, CA 94080

APPENDIX B

WORKPLAN AND PERMIT

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

March 1, 1994

Mr. Dermot Casey
Hazardous Materials Specialists
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: PERMIT APPLICATION FOR THE INSTALLATION OF ONE GROUNDWATER MONITORING WELL AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA.

Dear Mr. Casey:

Enclosed please find the completed permit application and well location map for the installation of one monitoring well at 1019 Rollins Road in Burlingame, California. Accutite is planning to drill the well on March 15, 1994.

Based on the measured elevations of the groundwater in the existing three monitoring wells on site, between 1986 and 1993, the calculated groundwater flow direction has been consistent and westerly. The planned location of the new monitoring well will be downgradient and east of the former sump and underground tank.

Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb

Sami Malaeb, P.E., R.E.A.
Project Manager

SUBSURFACE DRILLING APPLICATION

ENVIRONMENTAL HEALTH DIVISION
SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
COUNTY GOVERNMENT CENTER
590 HAMILTON STREET
REDWOOD CITY, CA 94063
(415) 363-4305

DATE ISSUED: _____
PERMIT NO.: _____
FEE: _____
RECEIPT NO: _____
ASSIGNED TO: _____

PURPOSE OF APPLICATION: ☒ Monitoring Well Installation ☐ Monitoring Well Destruction ☐ Groundwater Extraction ☐ Soil Boring ☐ Vapor Extraction ☐ Vadose

No. of Wells 1 No. of Borings _____

Well/Boring Location

Address: 1019 ROLLINS ROAD City BURLINGAME

Well #(s) MW-4 Assesor's Parcel No.: 026-240-310

Property Owner

Name: Mr. Alfred MOLAKIDIS

Address: 627 Occidental Avenue City, State, Zip San Mateo, CA 94402

Telephone No.: (415) 344-8718

Well Owner (if different than property owner)

Name: _____

Address: _____ City, State, Zip _____

Telephone No.: _____

Drilling Company

Name: HEW DRILLING COMPANY, INC.

Address: 1045 Weeks Street City State, Zip E. Palo Alto, CA 94303

Telephone No.: (415) 322-2851 Driller's License No.: 604987

Consultant

Name: ACCUTITE ENVIRONMENTAL ENGINEERING

Address: 35 So. Linden City, State, Zip South San Francisco, CA 9408

Telephone No.: (415) 952-5551 Contact: Mr. Eddy Tabet

Signature of Responsible Professional

43041 PE
Registration or Certification No. of RG/PE/CEG

Depth of Proposed Wells/Borings: ~ 30 feet Drilling Method Hollow stem AUGER

Purpose of Drilling: ☒ County LUFT Requirements ☐ Exploration Studies (PSA) ☐ Title 22 Requirements ☐ Other _____

Well is to be constructed in: ☐ A Public Sidewalk ☐ A Roadway ☐ Public Property ☒ Private Property ☐ Refuse

Well Information:

Well Diameter Slot Size 2"ϕ, 0.02" slot

Gravel Pack Size #3 Est Screen Interval Depth 15 to 25 Ft

Development Method (proposed) Hydra Lift water pumping

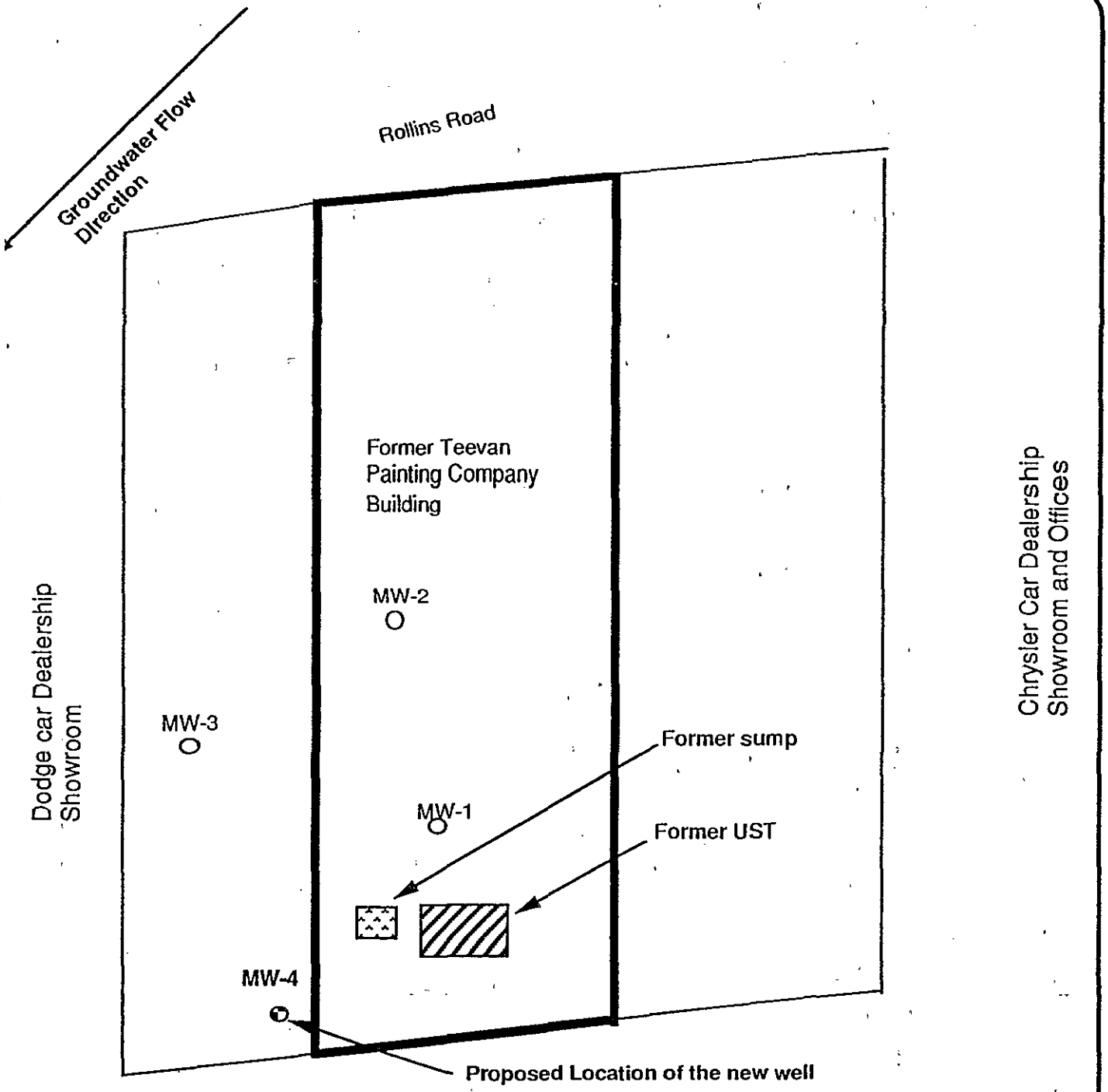
Planned Drilling Date March 15, 1994 (72-hour notification is required to County)

Certification by Well Owner/Agent and Driller/Agent:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the San Mateo County Ordinance and the State Water Well Standards. It is my responsibility as the well owner/agent to notify the County of any changes in the purpose of this well from that which is indicated on this application form.

Well Owner/Agent Date 3/1/94

☒ *I certify that in the performance of the work for which this permit is being issued, I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California.*



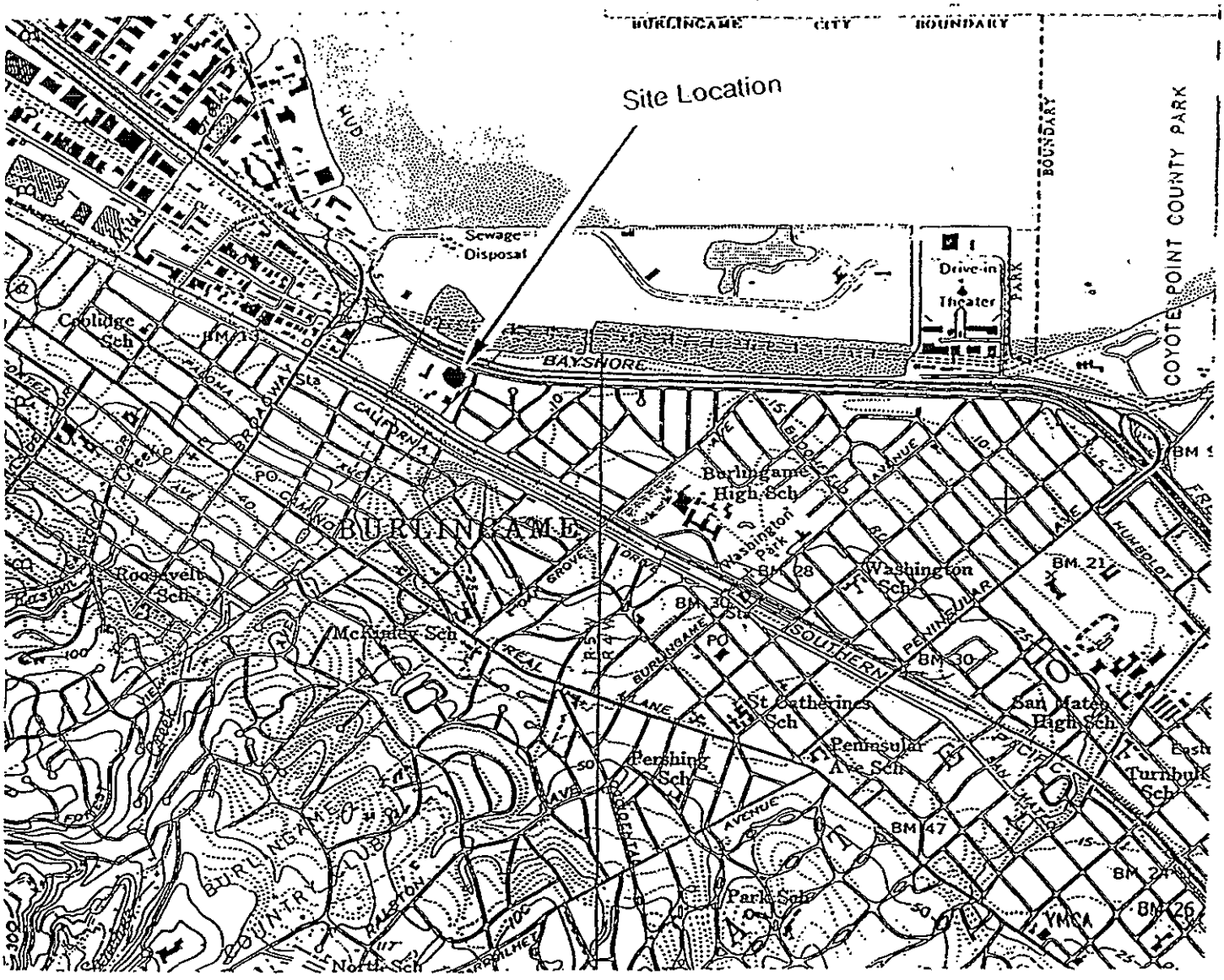
NOTE: Groundwater flow direction was calcullated fromelevations of groundwater in MW-1, MW-2, and MW-3.

Bay Cities Collision Center

evisions	Date	Page	Site Plot Plan	By: ACCUTITE ENVIRONMENTAL ENGINEERING
	2/15/94	1	1019 Rollins Road Burlingame, CA **Figure 2**	
1		of		
		1		
NORTH	Scale: 1" = 20'		Legend: MW = Monitoring Well Approximate Location of Former Sump Approximate Location of Former Gas Tank	35 South Linden Avenue South San Francisco California 94080

SAN MATEO QUADRANGLE
CALIFORNIA - SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Projected Groundwater Flow Direction



SCALE 1:24000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

Revisions	Date	Page	Site:	By:
	9/30/93	1	1019 Rollins Road Burlingame, CA	ACCUTITE ENVIRONMENTAL ENGINEERING
1		of		
		1		
NORTH ↑	Figure 1	Site Location		35 South Linden Avenue South San Francisco California 94080

ENVIRONMENTAL HEALTH PERMIT

San Mateo County Department of Health Services
590 Hamilton Street, Redwood City, CA 94063

Permit to MONITORING WELL INSTALLATION
ONE (1) MONITORING WELL INSTALLATION
MW-4

At 1019 ROLLINS ROAD, BURLINGAME, CALIF

No.	LMW-033-94
Date	03/09/94
Fee paid	EXEMPT
APN	026-240-310
Ordinance No.	03101

This permit has been granted to:

OWNER:
ALFRED MOLAKIDIS
627 OCCIDENTAL AVENUE
SAN MATEO, CA 94402

CONSULTANT:
EDDY TABET
ACCUTITE ENVIRONMENTAL ENG
35 SOUTH LINDEN
SOUTH SAN FRANCISCO, CA 94080

ISSUED BY DERMOT CASEY

Contractor:
HEW DRILLING CO
1045 WEEKS ST
E. PALO ALTO, CA 94303

For the Director of
Environmental Health

BRIAN J. ZAMORA

THIS PERMIT IS NONTRANSFERABLE AND MUST BE ON JOB SITE
Permit shall be void if construction is not started
within 90 days of date of this permit.

GM

recycled paper

SUBSURFACE DRILLING APPLICATION

ENVIRONMENTAL HEALTH DIVISION
SAN MATEO COUNTY DEPARTMENT OF HEALTH SERVICES
COUNTY GOVERNMENT CENTER
590 HAMILTON STREET
REDWOOD CITY, CA 94063
(415) 363-4305

DATE ISSUED: 03-09-94
PERMIT NO.: LMW-033-94
FEE: Exempt
RECEIPT NO: 0
ASSIGNED TO: D. Casey

ALLOW A MINIMUM OF FIVE DAYS FOR PROCESSING

PURPOSE OF APPLICATION: ☒ Monitoring Well Installation ☐ Monitoring Well Destruction ☐ Groundwater Extraction ☐ Soil Boring ☐ Vapor Extraction ☐ Vadose

No. of Wells 1 No. of Borings ____

Well/Boring Location

Address: 1019 ROLLINS ROAD City BURLINGAME

Well #(s): MW-4 Assesor's Parcel No.: 026-240-310

Property Owner

Name: Mr. Alfred MOLAKIDIS

Address: 627 Occidental Avenue City, State, Zip San Mateo, CA 94402

Telephone No.: (415) 344-8718

Well Owner (if different than property owner)

Name: ____

Address: ____ City, State, Zip ____

Telephone No.: ____

Drilling Company

Name: HEW DRILLING COMPANY, INC.

Address: 1045 Weeks Street City State, Zip E. Palo Alto, CA 94303

Telephone No.: (415) 322-2851 Driller's License No.: 604987

Consultant

Name: ACCUTITE ENVIRONMENTAL ENGINEERING

Address: 35 So. Linden City, State, Zip South San Francisco, CA 941

Telephone No.: (415) 952-5551 Contact: Mr. Eddy Tabet

Signature of Responsible Professional

43041 PE
Registration or Certification No. of RG/PE/CEG

Depth of Proposed Wells/Borings: ~ 30 feet Drilling Method Hollow stem Auger

Purpose of Drilling: ☒ County LUFT Requirements ☐ Exploration Studies (PSA) ☐ Tide 22 Requirements ☐ Other ____

Well is to be constructed in: ☐ A Public Sidewalk ☐ A Roadway ☐ Public Property ☒ Private Property ☐ Refuse

Well Information: Well Diameter Slot Size 2"ϕ, 0.02" slot

Gravel Pack Size #3 Est Screen Interval Depth 15 to 25 Ft

Development Method (proposed) Hydro Lift water pumping

Planned Drilling Date March 15, 1994 (72-hour notification is required to County)

Certification by Well Owner/Agent and Driller/Agent:

I certify that the information given above is correct to the best of my knowledge. I certify that the well will be constructed in compliance with the conditions of this permit, the San Mateo County Ordinance and the State Water Well Standards. It is my responsibility as the well owner/agent to notify the County of any changes in the purpose of this well from that which is indicated on this application form.

Sami Malaeb for 3/1/94
Well Owner/Agent Date ☒

Sami Malaeb for 3/1/94
Driller/Agent Date ☒

3/9/94

I certify that in the performance of the work for which this permit is being issued, I shall not employ any person in any manner so as to become subject to the Workmen's Compensation laws of California.

I certify that I have a valid Workmen's Compensation Coverage.

SUBSURFACE DRILLING APPLICATION

Upon review of the information on this application and submitted workplan and subject to approval noted below, a permit will be issued allowing owner/agent driller/agent to construct the described well. Permission to mobilize may be withheld until a field check verifies all statements made on application by Permittee and is also subject to the "General" and "Special" Conditions stated below.

In addition to the well location map included in the workplan, attach a copy to the permit. The well location map shall include the following:

1. Sketch well location to scale, show dimension to nearest foot
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named street and or property lines. These dimensions may be estimated and subsequently finalized in the report of findings.
3. North Arrow, existing site features, existing wells and any other pertinent information.

GENERAL CONDITIONS:

A. Construction under this permit is subject to any instructions by a Health Department representative relative to the "Standards for the Construction of Wells in San Mateo County" and the State Water Well Standards.

B. Permit may be voided before work begins if field check reveals any misrepresentation under "well location" of the submitted workplan.

C. The permit is valid only for the purpose specified herein. No change in construction procedure as prescribed in the workplan and in the special conditions below will be allowed except upon written permission of the County.

D. Permittee shall assume entire responsibility for all activities and uses under the permit and shall indemnify, defend and save the County of San Mateo, its' officers, agents and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of the permit including, but not limited to property damage, personal injury and wrongful death.

E. The wells may not be used for domestic water supplies unless separately approved by the Office of Environmental Health.

F. Permit will be automatically canceled if not exercised or if an extension is not requested by Permittee with 90 calendar days of above date.

G. Driller is to complete State DWR Form 188 and mail original to San Mateo County Environmental Health within 30 days of completion of well construction.

H. For the construction of water producing wells a Permittee must be a licensed water well drilling contractor unless the work is to be done by the landowner or employees of the landowner. (See Business & Professions Code 7026.3, 7028).

I. Dry holes and/or soil borings must be grouted within one week of drilling.

J. Well destruction shall be done in accordance with State and County Standards.

K. All workplans and reports need to conform to County LUFT Enforcement guidelines as well as Regional Water Quality Control Board guidelines and the State Water Well Standards.

L. If contamination is discovered, verbal notification to the county is required within 48 hours. A written report is required within 30 days.

SPECIAL CONDITIONS:

"ALL WELLS ARE TO BE SURVEYED TO MEAN SEA LEVEL DATUM."

Approved: _____ Date: _____

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

February 22, 1994

Mr: Dermot Casey
Hazardous Materials Specialists
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: **WORKPLAN FOR THE INSTALLATION OF ONE MONITORING WELL AND GROUNDWATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA.**

Dear Mr. Casey:

As you requested in your letter to Mr. Al Molakidis, dated December 22, 1993, Accutite Environmental Engineering is pleased to submit this workplan for the installation of one additional groundwater monitoring well and conducting quarterly groundwater sampling at the subject site.

Based on the measured elevations of the groundwater in the existing three monitoring wells on site, between 1986 and 1993, the calculated groundwater flow direction has been consistent and westerly. The planned location of the new monitoring well will be downgradient and east of the former sump and underground tank.

We plan to complete the installation, sampling, and analysis of the new well and quarterly sampling of the existing MW-1 and MW-3 within the next three weeks. Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb

Sami Malaeb, P.E., R.E.A.
Project Manager

WORKPLAN FOR THE INSTALLATION OF ONE MONITORING WELL AND GROUNDWATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA.

Background

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986.

Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells on site. An up-to-date summary of the quarterly groundwater sampling and analysis of these wells was presented in Accutite's report, dated November 17, 1993, and titled "Groundwater Monitoring and Summary of Subsurface Investigation". Based on this report, San Mateo County Department of Health Services (SMCDEH) requested the installation of one groundwater monitoring well, downgradient form the former sump and gasoline tank, and the quarterly sampling and analysis of the new well and the existing monitoring wells MW-1 and MW-2. A copy of Mr. Dermot Casey letter is provided in Attachment A.

Scope of Work

Accutite proposes to execute the following:

1. Obtain a permit to install one monitoring well from SMCDHS.

2. Obtain utility clearance from USA Alert.

3. Based on the measured elevations of the groundwater in the existing three monitoring wells on site, between 1986 and 1993, the calculated groundwater flow direction has been consistent and westerly. Accutite will install a 2-inch monitoring well downgradient and east of the former tank pit and sump area as described in SMCDHS letter, dated December 22, 1993 (Attachment A). The location of the new well is indicated on the attached drawing (Figure 2). Accutite Will collect one (1) soil sample form every 5 feet of depth and analyze for TPH-G, BTEX, total lead and mercury. The bottom sample will be analyzed for TPH-G, BTEX, industrial solvents, volatile organic compounds, and priority metals. Estimated 6 samples to be collected. Turn around time will be 10 days.

4. The monitoring well will be developed between 3 and 7 days after installation. Well development will proceed with the use of a variable speed, non air-actuated hydrolift pump connected to dedicated high-density polyethylene tubing with a check valve. Purge water resulting from well development will be stored on-site in a labelled drum (compatible with the storage of the contaminants suspected) until receipt of analytical results. Well development is intended to clear the well casing and surrounding sand pack from construction related materials and naturally occurring fine sands and silts.

5. Accutite will sample the new well and the two other existing wells, MW-1 and MW-3. Water sample from the new well will be analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G) with benzene, toluene, ethyl benzene, and xylenes (BTEX) distinction, industrial solvents, volatile organic compounds, and priority metals. The two water samples from MW-1 and MW-3 will be analyzed for TPH-G, BTEX, total lead, and

mercury.

8. A quarterly monitoring report will be prepared and submitted within 30 days of receipt of the analytical results from the sampling event. The report will include a description of all site activities, findings, conclusions and recommendations, a site map, a table of analytical results, field documentation, chain of custodies, and original laboratory analytical results.

Soil Sampling Procedure

Soil samples will be collected at five foot intervals during the soil boring process. Drilling will be stopped 18 inches prior to sample collection. Samples will be collected in a thin-walled brass cylinder (6" X 2" diameter) placed within a California Modified Split Spoon sampler. The sampler will be driven through the hollow stem of the drilling auger with a 140-pound hammer dropping 30 inches. Soil will be logged using the Unified Soil Classification System and field observations Noticed staining and hydrocarbon smell will be recorded. These notes will be used to select which soil samples will be analyzed for contaminants. One sample per 5 feet of depth will be analyzed for chemical contaminants. All soil samples will be held at the laboratory in the event that further characterization is warranted.

Special care will be used to collect a soil sample from the formation directly overlaying the saturated zone.

No headspace will be left in the cylinder when the soil sample is collected. To seal the sample, each end of the cylinder will be covered with aluminum foil and then capped with a polyethylene lid, taped, and labelled. Care will be taken throughout this process to avoid contamination of the inside and outside of the cylinder and its contents.

The sample will be immediately placed in an ice chest containing blue ice and kept cold (approximately 4^{0} C) for delivery to the laboratory. Soil samples will be sent under chain of custody to a certified laboratory to be analyzed. Analytical results will be reported in parts per million (ppm).

Monitoring Well Construction

The proposed groundwater monitoring well will be drilled with the use of a power rig equipped with an 8-inch outside diameter, continuous-flight, hollow-stem auger. The approximate location of the boring is shown on Figure 2. Exact location will be determined in the field based on the results of the underground utility clearance.

Cuttings and Development Water

All drill cuttings will be left on site pending receipt of analytical results. Disposal or treatment of potentially contaminated cuttings, and of the development and purge waters, will be conducted in accordance with the guidelines governing hazardous materials.

Well Bottom

Boring depth will be subject to the scope of the workplan outlined above. Well construction, if applicable, will consist of a 2-inch diameter PVC casing. Well bottom will be terminated in the first aquitard encountered below the uppermost aquifer.,

Casing Materials

Well casing will consist of new, clean 2-inch diameter PVC. All screened casings will be 0.020" factory made. All connections will be mechanically made, without the use of chemicals (or adhesives).

Well Construction

Well casings, from the bottom of the well extending to the ground surface, will consist of a bottom threaded cap, followed by screen, then blank. Sand pack will consist of No. 2, 3 or 12 clean Monterey sand. Neat cement will consist of five gallons of clean water mixed with one 94-lbs bag of Portland cement. Cement will be properly mixed on-site, versus at the batching plant.

Well Head

Well head will be fitted with a locking cap. Well head will be covered by a Christy type manhole cover, and set in concrete. Manhole cover will be positioned one inch higher than local grade elevation.

Groundwater Sampling Procedure

Water levels will be recorded at each monitoring well on site prior to any well purging activities.

A minimum of three well casing volumes will be purged using the dedicated polyethylene tubing prior to sample collection. This amount is contingent upon well stabilization indicated by temperature, conductivity, and pH measurements. In the event that the well is dewatered prior to proper purging, the water sample will be collected when recharge levels in the well have reached 80% of well volume. If the well has not achieved 80% recharge within one hour, a sample will be collected from the available water in the well. Purge water from sampling episodes will be stored on site in labelled drums (compatible with the storage of the contaminants suspected) until analytical results are received.

Groundwater samples will be collected through the dedicated polyethylene tubing and directly transferred to proper containers. The samples will be immediately placed in an ice chest

containing blue ice and kept cold (approximately 4^{O} C) for delivery to the laboratory. Samples will be sent under chain of custody to a certified laboratory to be analyzed. Analytical results will be reported in parts per billion (ppb).

Decontamination Procedures

Drilling augers will be steam cleaned prior to being brought to the site. If steam cleaning is deemed appropriate, augers will be placed in a containment trough and steam cleaned. Rinse water will be pumped into storage drums, labelled and stored on-site until receipt of analytical results.

The split spoon sampler will be decontaminated in between collection of soil samples by a thorough wash in a trisodium phosphate solution, then a double rinse with clean tap water. Brass containers would be handled in this same manner if on-site decontamination is necessary.

VOA vials and/or other water containers will not be decontaminated in the field. All containers used for collection of water samples will be cleaned by the laboratory, properly packaged, and brought on site.

APPENDIX C

LABORATORY RESULTS

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled: Mar 15, 1994
35 South Linden Avenue	Sample Matrix:	Soil	Received: Mar 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Mar 30, 1994
Attention: Saml Malaeb	First Sample #:	4CA6101	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 4CA6101 MW-4-5.5	Sample I.D. 4CA6102 MW-4-10	Sample I.D. 4CA6103 MW-4-15	Sample I.D. 4CA6104 MW-4-20	Sample I.D. 4CA6105 MW-4-25	Sample I.D. 4CA6106 MW-4-30
Purgeable Hydrocarbons	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.0050	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--	--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	3/22/94	3/22/94	3/22/94	3/22/94	3/22/94	3/22/94
Instrument Identification:	GCHP-6	GCHP-6	GCHP-7	GCHP-7	GCHP-7	GCHP-7
Surrogate Recovery, %: (QC Limits = 70-130%)	87	82	79	76	80	76

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled:	Mar 15, 1994
35 South Linden Avenue	Sample Descript:	Soil, MW-4-10	Received:	Mar 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 25, 1994
Attention: Sami Malaeb	Lab Number:	4CA6102	Reported:	Mar 30, 1994

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled:	Mar 15, 1994
35 South Linden Avenue	Sample Descript:	Soil, MW-4-30	Received:	Mar 16, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 25, 1994
Attention: Sami Malaeb	Lab Number:	4CA6106	Reported:	Mar 30, 1994

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled:	Mar 15, 1994
35 South Linden Avenue	Sample Descript:	Soil	Received:	Mar 16, 1994
South San Francisco, CA 94080	Analysis for:	Lead		
Attention: Sami Malaeb	First Sample #:	4CA6101	Analyzed:	Mar 21, 1994
			Reported:	Mar 30, 1994

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
4CA6101	MW-4-5.5	5.0	10
4CA6103	MW-4-15	5.0	6.7
4CA6104	MW-4-20	5.0	7.5
4CA6105	MW-4-25	5.0	9.6

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled:	Mar 15, 1994
35 South Linden Avenue	Sample Descript:	Soil	Received:	Mar 16, 1994
South San Francisco, CA 94080	Analysis for:	Mercury		
Attention: Sami Malaeb	First Sample #:	4CA6101	Analyzed:	Mar 24, 1994
			Reported:	Mar 30, 1994

LABORATORY ANALYSIS FOR: Mercury

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
4CA6101	MW-4-5.5	0.010	N.D.
4CA6103	MW-4-15	0.010	N.D.
4CA6104	MW-4-20	0.010	N.D.
4CA6105	MW-4-25	0.010	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled: Mar 15, 1994
35 South Linden Avenue	Sample Descript:	Soil, MW-4-10	Received: Mar 16, 1994
South San Francisco, CA 94080			Analyzed: Mar 18, 1994
Attention: Sami Malaeb	Lab Number:	4CA6102	Reported: Mar 30, 1994

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Antimony	5.0	N.D.
Arsenic	5.0	N.D.
Beryllium	0.50	0.65
Cadmium	0.50	0.72
Chromium	0.50	74
Copper	2.50	13
Lead	5.0	7.1
Mercury	0.10	N.D.
Nickel	2.5	61
Selenium	5.0	N.D.
Silver	0.50	N.D.
Thallium	5.0	N.D.
Zinc	0.50	42

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	Al Molokidis, Burlingame	Sampled:	Mar 15, 1994
35 South Linden Avenue	Sample Descript:	Soil, MW-4-30	Received:	Mar 16, 1994
South San Francisco, CA 94080			Analyzed:	Mar 18, 1994
Attention: Sami Malaeb	Lab Number:	4CA6106	Reported:	Mar 30, 1994

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Antimony	5.0	20
Arsenic	5.0	N.D.
Beryllium	0.50	N.D.
Cadmium	0.50	0.53
Chromium	0.50	23
Copper	0.50	15
Lead	5.0	8.7
Mercury	0.10	N.D.
Nickel	2.5	55
Selenium	5.0	N.D.
Silver	0.50	N.D.
Thallium	5.0	N.D.
Zinc	0.50	42

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molokidis, Burlingame
Matrix: Solid
QC Sample Group: 4CA6101-06

Reported: Mar 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	B. Ali	B. Ali	B. Ali	B. Ali
MS/MSD Batch#:	4CC1003	4CC1003	4CC1003	4CC1003
Date Prepared:	3/22/94	3/22/94	3/22/94	3/22/94
Date Analyzed:	3/22/94	3/22/94	3/22/94	3/22/94
Instrument I.D.#:	GCHP-7	GCHP-7	GCHP-7	GCHP-7
Conc. Spiked:	0.20 mg/kg	0.20 mg/kg	0.20 mg/kg	0.60 mg/kg
Matrix Spike % Recovery:	75	75	80	78
Matrix Spike Duplicate % Recovery:	75	80	80	83
Relative % Difference:	0.0	6.5	0.0	6.2
LCS Batch#:	-	-	-	-
Date Prepared:	-	-	-	-
Date Analyzed:	-	-	-	-
Instrument I.D.#:	-	-	-	-
LCS % Recovery:	-	-	-	-
% Recovery Control Limits:	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molokidis, Burlingame
Matrix: Solid
QC Sample Group: 4CA6102, 06

Reported: Mar 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	D. George	D. George	D. George
MS/MSD Batch#:	4CA7301	4CA7301	4CA7301
Date Prepared:	3/22/94	3/22/94	3/22/94
Date Analyzed:	3/25/94	3/25/94	3/25/94
Instrument I.D.#:	GCHP-16	GCHP-16	GCHP-16
Conc. Spiked:	25 µg/kg	25 µg/kg	25 µg/kg
Matrix Spike % Recovery:	64	92	80
Matrix Spike Duplicate % Recovery:	68	92	80
Relative % Difference:	6.1	0.0	0.0
LCS Batch#:	-	-	-
Date Prepared:	-	-	-
Date Analyzed:	-	-	-
Instrument I.D.#:	-	-	-
LCS % Recovery:	-	-	-
% Recovery Control Limits:	28-167	35-146	38-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd., Burlingame	Sampled:	Mar 21, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-4	Received:	Mar 22, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Mar 28, 1994
Attention: Amy Breckenridge	Lab Number:	4CD5703	Reported:	Apr 5, 1994

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.020	N.D.
iso-Butanol	0.50	N.D.
n-Butanol	0.50	N.D.
sec-Butanol	0.50	N.D.
t-Butanol	0.50	N.D.
Carbon tetrachloride	0.10	N.D.
Chloroform	0.10	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	0.20	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.20	N.D.
Hexane	0.10	N.D.
Methanol	2.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.20	N.D.
Methylene chloride	0.20	N.D.
iso-Octane	0.020	N.D.
iso-Propanol	0.50	N.D.
n-Propanol	0.50	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.10	N.D.
Tetrahydrofuran	0.40	N.D.
1,1,1,-Trichlorethane	0.10	N.D.
Trichloroethylene	0.10	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd., Burlingame	Sampled: Mar 21, 1994
35 South Linden Avenue	Sample Descript:	Water	Received: Mar 22, 1994
South San Francisco, CA 94080	Analysis for:	Lead	
Attention: Amy Breckenridge	First Sample #:	4CD5701	Analyzed: Mar 25, 1994
			Reported: Apr 5, 1994

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
4CD5701	MW-1	0.0050	N.D.
4CD5702	MW-3	0.0050	0.0086
4CD5703	MW-4	0.0050	0.011

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd., Burlingame	Sampled:	Mar 21, 1994
35 South Linden Avenue	Sample Descript:	Water	Received:	Mar 22, 1994
South San Francisco, CA 94080	Analysis for:	Mercury		
Attention: Amy Breckenridge	First Sample #:	4CD5701	Analyzed:	Apr 1, 1994
			Reported:	Apr 5, 1994

LABORATORY ANALYSIS FOR: Mercury

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
4CD5701	MW-1	0.00020	0.00052
4CD5702	MW-3	0.00020	0.00075
4CD5703	MW-4	0.00020	0.00025

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd., Burlingame	Sampled: Mar 21, 1994
35 South Linden Avenue	Sample Matrix:	Water	Received: Mar 25, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Apr 5, 1994
Attention: Amy Breckenridge	First Sample #:	4CD5701	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 4CD5701 MW-1	Sample I.D. 4CD5702 MW-3	Sample I.D. 4CD5703 MW-4
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.
Benzene	0.50	1.4	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Analyzed:	4/1/94	4/1/94	4/1/94
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	93	87	93

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, ELAP #1894

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite	Client Project ID:	1019 Rollins Rd., Burlingame	Sampled:	Mar 21, 1994
35 South Linden Avenue	Sample Descript:	Water, MW-4	Received:	Mar 25, 1994
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 30, 1994
Attention: Amy Breckenridge	Lab Number:	4CD5703	Reported:	Apr 5, 1994

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, ELAP #1894

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Amy Breckenridge

Client Project ID: 1019 Rollins Rd., Burlingame
Matrix: Liquid
QC Sample Group: 4CD5703

Reported: Apr 5, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Acetone	MIBK	Tetra-hydrofuran	1,1,1-TCA	TCE	p-Xylene
Method:	Indsol	Indsol	Indsol	Indsol	Indsol	Indsol
Analyst:	T. Tran	T. Tran	T. Tran	T. Tran	T. Tran	T. Tran
MS/MSD Batch#:	4CC8901	4CC8901	4CC8901	4CC8901	4CC8901	4CC8901
Date Prepared:	3/25/94	3/25/94	3/25/94	3/25/94	3/25/94	3/25/94
Date Analyzed:	3/25/94	3/25/94	3/25/94	3/25/94	3/25/94	3/25/94
Instrument I.D.#:	GCV-01	GCV-01	GCV-01	GCV-01	GCV-01	GCV-01
Conc. Spiked:	4.0 mg/L	1.0 mg/L	2.0 mg/L	1.0 mg/L	1.0 mg/L	0.20 mg/L
Matrix Spike % Recovery:	99	100	106	102	117	83
Matrix Spike Duplicate % Recovery:	112	131	131	105	131	107
Relative % Difference:	12	27	21	2.9	11	25
LCS Batch#:	-	-	-	-	-	-
Date Prepared:	-	-	-	-	-	-
Date Analyzed:	-	-	-	-	-	-
Instrument I.D.#:	-	-	-	-	-	-
LCS % Recovery:	-	-	-	-	-	-
% Recovery Control Limits:	50-150	50-150	50-150	50-150	50-150	50-150

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Amy Breckenridge

Client Project ID: 1019 Rollins Rd., Burlingame
Matrix: Liquid
QC Sample Group: 4CD5701-03
Reported: Apr 5, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Lead	Mercury
Method:	EPA 239.2	EPA 245.1
Analyst:	J. Martinez	M. Shkidt
MS/MSD Batch#:	4CE4401	4CG2601
Date Prepared:	3/25/94	4/1/94
Date Analyzed:	3/25/94	4/1/94
Instrument I.D.#:	MTJA-1	MPE-2
Conc. Spiked:	0.050 mg/L	0.0020 mg/L
Matrix Spike % Recovery:	85	101
Matrix Spike Duplicate % Recovery:	92	105
Relative % Difference:	7.9	4.0
LCS Batch#:	BLK032594	CCV040194
Date Prepared:	3/24/94	4/1/94
Date Analyzed:	3/24/94	4/1/94
Instrument I.D.#:	MTJA-1	MPE-2
LCS % Recovery:	111	97
% Recovery Control Limits:	75-125	90-110

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Amy Breckenridge

Client Project ID: 1019 Rollins Rd., Burlingame
Matrix: Water
QC Sample Group: 4CD5701-03

Reported: Apr 5, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	P. Madden	P. Madden	P. Madden	P. Madden
MS/MSD Batch#:	4030685MS	4030685MS	4030685MS	4030685MS
Date Prepared:	4/1/94	4/1/94	4/1/94	4/1/94
Date Analyzed:	4/1/94	4/1/94	4/1/94	4/1/94
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	20 µg/L
Matrix Spike % Recovery:	98	84	86	92
Matrix Spike Duplicate % Recovery:	102	88	92	98
Relative % Difference:	4.0	4.6	6.7	6.3
LCS Batch#:	MB040194	MB040194	MB040194	MB040194
Date Prepared:	4/1/94	4/1/94	4/1/94	4/1/94
Date Analyzed:	4/1/94	4/1/94	4/1/94	4/1/94
Instrument I.D.#:	GCHP-2	GCHP-2	GCHP-2	GCHP-2
LCS % Recovery:	91	87	91	98
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL
ELAP #1894

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Amy Breckenridge

Client Project ID: 1019 Rollins Rd., Burlingame
Matrix: Water
QC Sample Group: 4CD5703

Reported: Apr 5, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010	EPA 8020	EPA 8020	EPA 8020
Analyst:	T. Mascarenas	T. Mascarenas	T. Mascarenas	T. Mascarenas	T. Mascarenas	T. Mascarenas
MS/MSD Batch#:	4030688MS	4030688MS	4030688MS	4030688MS	4030688MS	4030688MS
Date Prepared:	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94
Date Analyzed:	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94
Instrument I.D.#:	N/A	N/A	N/A	N/A	N/A	N/A
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L	10 µg/L
Matrix Spike % Recovery:	98	92	106	102	103	116
Matrix Spike Duplicate % Recovery:	96	86	97	92	93	89
Relative % Difference:	2.1	6.7	8.9	10	10	26
LCS Batch#:	LCS033094	LCS033094	LCS033094	LCS033094	LCS033094	LCS033094
Date Prepared:	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94
Date Analyzed:	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94	3/30/94
Instrument I.D.#:	N/A	N/A	N/A	N/A	N/A	N/A
LCS % Recovery:	72	87	104	103	109	100
% Recovery Control Limits:	28-167	35-146	38-150	39-150	46-148	55-135

SEQUOIA ANALYTICAL
ELAP #1894

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Accutite
35 South Linden Avenue
South San Francisco, CA 94080
Attention: Sami Malaeb

Client Project ID: Al Molokidis, Burlingame
Matrix: Solid
QC Sample Group: 4CA6101-06

Reported: Mar 30, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Beryllium	Cadmium	Chromium	Nickel	Mercury
Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 7471
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	L. Zhu
MS/MSD Batch#:	4CA2801	4CA2801	4CA2801	4CA2801	4CA6103
Date Prepared:	3/18/94	3/18/94	3/18/94	3/18/94	3/23/94
Date Analyzed:	3/18/94	3/18/94	3/18/94	3/18/94	3/24/94
Instrument I.D.#:	MTJA-2	MTJA-2	MTJA-2	MTJA-2	MPE-2
Conc. Spiked:	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg	1.0 mg/kg
Matrix Spike % Recovery:	92	84	88	86	93
Matrix Spike Duplicate % Recovery:	92	85	88	86	96
Relative % Difference:	0.0	1.2	0.0	0.0	3.2
LCS Batch#:	BLK031894	BLK031894	BLK031894	BLK031894	CCV032394
Date Prepared:	3/18/94	3/18/94	3/18/94	3/18/94	3/23/94
Date Analyzed:	3/18/94	3/18/94	3/18/94	3/18/94	3/24/94
Instrument I.D.#:	MTJA-2	MTJA-2	MTJA-2	MTJA-2	MPE-2
LCS % Recovery:	100	95	100	100	100
% Recovery Control Limits:	75-125	75-125	75-125	75-125	90-110

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

CHAIN OF CUSTODY

CLIENT:	ACCUTITE ENVIRONMENTAL ENGINEERING
ADDRESS:	35 S. LINDEN SOUTH SAN FRANCISCO, CA 94080
PHONE #	(415) 952-5551
PROJECT NAME ADDRESS:	Mr. Al Molaridis 1019 Rollins Road Burlingame, CA
SAMPLER: Sami Malaeb	DATE: 3/15/94

SAMPLE ID# STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME	TPH-G & BTEX	TOTAL LEAD	TOTAL Mercury	Priority Metals	Volatile organic compounds	REMARKS	SAMPLE NUMBER
MW-4-5.5	Soil	1	Brass Cylinder	3/15/94	X	X	X			9403	A61-01
MW-4-10	Soil	1	Brass Cylinder	3/15/94	X	X	X				02
MW-4-15	Soil	1	Brass Cylinder	3/15/94	X	X	X				03
MW-4-20	Soil	1	Brass Cylinder	3/15/94	X	X	X				04
MW-4-25	Soil	1	Brass Cylinder	3/15/94	X	X	X				05
MW-4-30	Soil	1	Brass Cylinder	3/15/94	X			X	X		06

REPORT TO:		TURNAROUND TIME:	10 DAYS
BILLING TO:	ACCUTITE	8 HR / 24 HR / 48 HR / 72 HR	
BILLING REFERENCE #:	160	5 DAY / (10 DAY) / OTHER	
ANALYSIS REQUESTED:			

RELINQUISHED BY: Sami Malaeb	DATE: 3/15/94	TIME 9:00	RECEIVED BY:
RELINQUISHED BY:	DATE: 3/16/94	TIME 11:30	RECEIVED BY:
RELINQUISHED BY:	DATE:	TIME	RECEIVED BY:

LAB COMMENTS:

9403D57

CHAIN OF CUSTODY

CLIENT: ACCUTITE ENVIRONMENTAL ENGINEERING
ADDRESS: 35 S. LINDEN, SOUTH SAN FRANCISCO, CA 94080
PHONE #: (415) 952-5551
PROJECT NAME ADDRESS: 1019 Rollins Road, Burlingame, CA
SAMPLER: Sami Malaeb & Chad Howell
DATE: 3/21/94

REPORT TO: Sami Malaeb
BILLING TO: ACCUTITE
BILLING REFERENCE #: 161

TURNAROUND TIME: 10 DAYS
8 HR | 24 HR | 48 HR | 72 HR | 5 DAY | (10 DAY) circled | OTHER

ANALYSIS REQUESTED:

SAMPLE ID# STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME		Pb	Hg	TPH-G & BTEX	INDUSTRIAL SOLVENTS	HALOGENATED VOLATILE ORGANICS 8010				REMARKS	SAMPLE NUMBER
MW-1	water	1	1l bottle	3/21/94	01A	x	x								
MW-3	water	1	1l bottle	3/21/94	02A	x	x								
MW-4	water	1	1l bottle	3/21/94	03A	x	x								
MW-1	water	3	40 ml vials	3/21/94	01B-D			x							
MW-3	water	3	40 ml vials	3/21/94	02B-D			x							
MW-4	water	3	40 ml vials	3/21/94	03B-D			x							
MW-4	water	3	40 ml vials	3/4/94	03EFG				x						
MW-4	water	3	40 ml vials	3/4/94	03HIJ					x					

RELINQUISHED BY: [signature] DATE: 3-19-94 TIME 11:20 — RECEIVED BY:
RELINQUISHED BY: DATE: TIME — RECEIVED BY:
RELINQUISHED BY: DATE: TIME — RECEIVED BY: [signature] 3/22/94

LAB COMMENTS:

APPENDIX D

BORING LOG

ACCUTITE SOIL BORING LOG

PROJECT NO. | LOCATION 1019 Rollins Road

CLIENT Al Molakidis | Burlingame, CA

BORE HOLE NO. | LOGGED BY A. Breckenridge | ELEVATION

DATE DRILLED 3/15/94 | START 8:45 | FINISH 10:25 Drill | MONITOR HOLE NO. MW-4

DRILLING METHOD HOLLOW STEM AUGER | SAMPLING METHOD CA MODIFIED SPLIT SPOON | DRILLED BY Perfecto & Louis HEW DRILLING

DEPTH BELOW SURFACE	SAMPLES COLLECTED INT	OVR ppm	ID	SOIL DESCRIPTION	UNIFIED SOIL CLASSIF.	GRAPHIC LOG	PENETRATION COLLECTED BLOWS 6"X6"X6"	WELL CONSTRUCTION DETAILS
				ASPHALT 4/4/3 BROWN CIAY, GRAVEL, 3/3/2 DARK BROWN CLAY W/ GRAVEL				Christy Box Cement Grout Bentonite bet. 3' & 4'
5		1	MW-5.5'	DARK YELLOW BROWN 10 YR-4/6, W/ DARK BROWN SPOTS. SILTY CLAY W/ COARSE GRAVEL, LOW PLASTICITY CLAY 5G/-51 - GREENESH GRAY	CL		9x14x16	5'of 2" dia. PVC Blank
10		0	MW-10'	4/6 (10YR) DARK YELLOW BROWN NO ODOR, SATURATED VERY DENSE, VERY STIFF, WELL GRADED 2" DIAMETER ROCKS FINE TO VERY COARSE	GW		16x17x20	
15		0	MW-15'	10 YR-5/4 YELLOW BROWN, SILTY CLAY STIFF DRY TO DAMP, NO ODOR, MED DENSE, MED PLASTICITY	CL		6x7x9	25' of 0.02" slotted PVC 2" Dia Monterey #3 sand
20		0	MW-20'	SAME + SOME FINE GRAVEL	CL		4x6x8	
25		0	MW-25'	10 YR- 4/6- DARK YELLOW BROWN, SAME , NO GRAVEL, MED STIFF	CL		5x7x10	
30		0	MW-30'	5 YR 6/1- GREENISH GRAY, MED PLASTITICITY , DRY, NO ODOR, MED DENSE, MED STIFF, SILTY CLAY	CL		5x6x10	Threaded end cap

APPENDIX E

GROUNDWATER ELEVATIONS

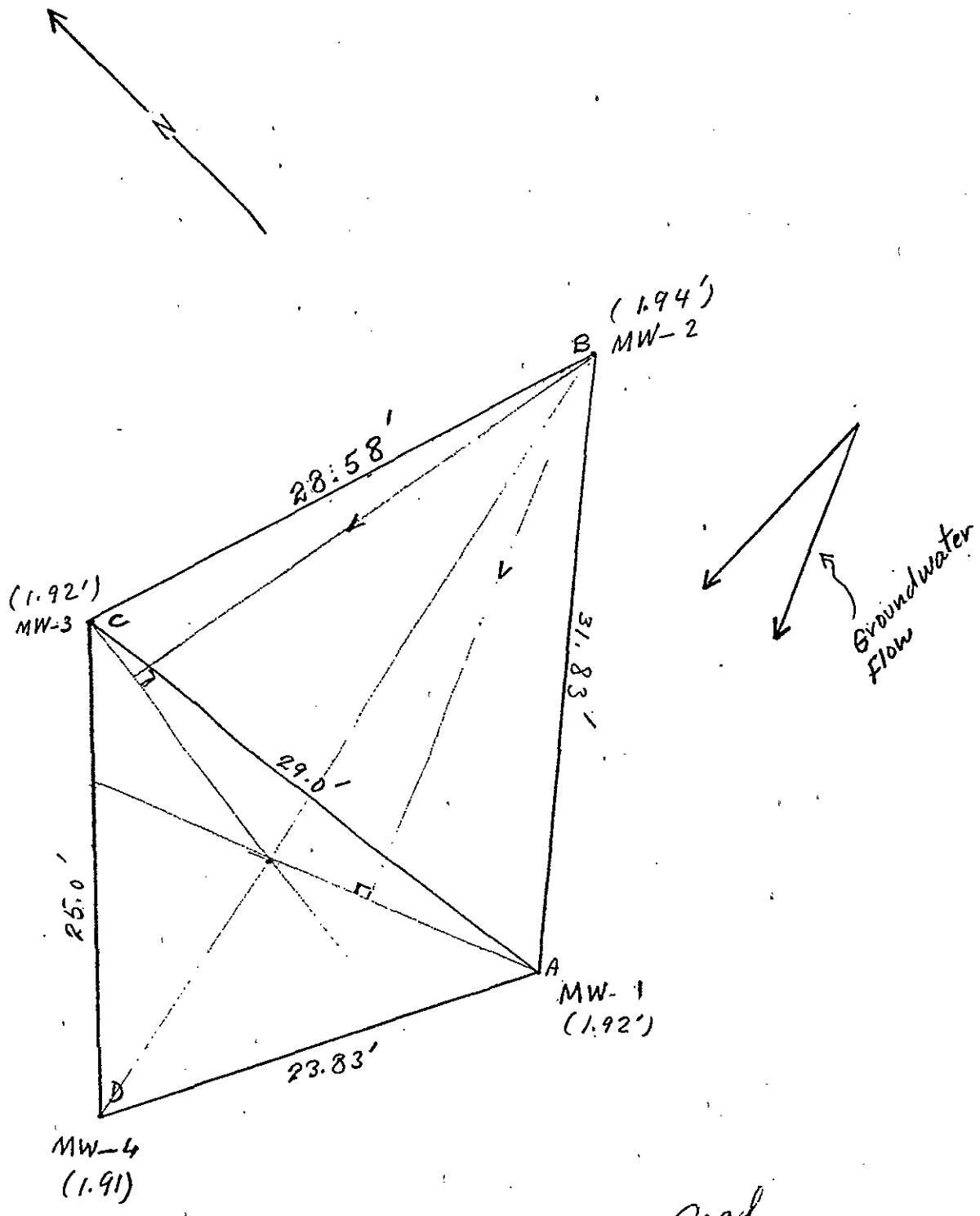
ACCUTITE

DATE

DESIGN BY _____ DATE 4/20/94 CHECKED BY _____ SHEET NO. 1

PROJECT 1019 Rollins Road, Burlingame, CA JOB NO. _____

SUBJECT Groundwater Flow calculations CALCULATION NO. _____ FILE NO. _____



SCALE: 1" = 8'

ACCUTITE

DATE

DESIGN BY _____ DATE 4/20/94 CHECKED BY _____ SHEET NO. 2

PROJECT 1019 Rollins Road JOB NO. _____

SUBJECT GROUNDWATER FLOW DIRECTION CALC CALCULATION NO. _____ FILE NO. _____

WELL ID	ELEVATION FROM SURVEYING POINT (ft)	ELEVATION FROM FIRE HYDRANT (ft)	Depth To water (ft)	Height of Top well casing from Sea level (ft)	Ground-water elevation from Sea level (ft)
MW-1	4.46	2.15	7.26	9.18	1.92
MW-2	4.90	2.59	6.80	8.74	1.94
MW-3	4.10	1.79	7.62	9.54	1.92
MW-4	3.52	1.21	8.21	10.12	1.91

* Fire Hydrant is 2.31 ft higher than the surveying point Datum was the top of the fire hydrant, which is 11.33 ft above Sea level.

Calculation of Groundwater Gradient from triangle ABD or monitoring wells MW-1, MW-2, and MW-4.

a) mid Surface.

$$\frac{1.94 - 1.92}{x} = \frac{1.94 - 1.91}{46}$$

$\Rightarrow x = 30.66'$

... please see attached figure

b) Calculation of Groundwater Gradient from triangle BCD, or monitoring wells, MW-2, MW-3, and MW-4

$$\frac{1.94 - 1.92}{x} = \frac{1.94 - 1.91}{46}$$

$\Rightarrow x = \pm 30.66'$

please see attached figure

10

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

FEB 23 1994

RECEIVED

February 22, 1994

Mr. Dermot Casey
Hazardous Materials Specialists
San Mateo County Department of Health Services
Office of Environmental Health
590 Hamilton Street
Redwood City, CA 94063

Subject: **WORKPLAN FOR THE INSTALLATION OF ONE MONITORING WELL AND GROUNDWATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA.**

Dear Mr. Casey:

As you requested in your letter to Mr. Al Molakidis, dated December 22, 1993, Accutite Environmental Engineering is pleased to submit this workplan for the installation of one additional groundwater monitoring well and conducting quarterly groundwater sampling at the subject site.

Based on the measured elevations of the groundwater in the existing three monitoring wells on site, between 1986 and 1993, the calculated groundwater flow direction has been consistent and westerly. The planned location of the new monitoring well will be downgradient and east of the former sump and underground tank.

We plan to complete the installation, sampling, and analysis of the new well and quarterly sampling of the existing MW-1 and MW-3 within the next three weeks. Thank you for your cooperation. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb, P.E., R.E.A.
Project Manager

RECYCLED PAPER

WORKPLAN FOR THE INSTALLATION OF ONE MONITORING WELL AND GROUNDWATER SAMPLING AND ANALYSIS AT 1019 ROLLINS ROAD IN BURLINGAME, CALIFORNIA.

Background

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986.

Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells on site. An up-to-date summary of the quarterly groundwater sampling and analysis of these wells was presented in Accutite's report, dated November 17, 1993, and titled "Groundwater Monitoring and Summary of Subsurface Investigation". Based on this report, San Mateo County Department of Health Services (SMCDEH) requested the installation of one groundwater monitoring well, downgradient form the former sump and gasoline tank, and the quarterly sampling and analysis of the new well and the existing monitoring wells MW-1 and MW-2. A copy of Mr. Dermot Casey letter is provided in Attachment A.

Scope of Work

Accutite proposes to execute the following:

1. Obtain a permit to install one monitoring well from SMCDHS.

2. Obtain utility clearance from USA Alert.

3. Based on the measured elevations of the groundwater in the existing three monitoring wells on site, between 1986 and 1993, the calculated groundwater flow direction has been consistent and westerly. Accutite will install a 2-inch monitoring well downgradient and east of the former tank pit and sump area as described in SMCDHS letter, dated December 22, 1993 (Attachment A). The location of the new well is indicated on the attached drawing (Figure 2). Accutite Will collect one (1) soil sample form every 5 feet of depth and analyze for TPH-G, BTEX, total lead and mercury. The bottom sample will be analyzed for TPH-G, BTEX, industrial solvents, volatile organic compounds, and priority metals. Estimated 6 samples to be collected. Turn around time will be 10 days.

4. The monitoring well will be developed between 3 and 7 days after installation. Well development will proceed with the use of a variable speed, non air-actuated hydrolift pump connected to dedicated high-density polyethylene tubing with a check valve. Purge water resulting from well development will be stored on-site in a labelled drum (compatible with the storage of the contaminants suspected) until receipt of analytical results. Well development is intended to clear the well casing and surrounding sand pack from construction related materials and naturally occurring fine sands and silts.

5. Accutite will sample the new well and the two other existing wells, MW-1 and MW-3. Water sample from the new well will be analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G) with benzene, toluene, ethyl benzene, and xylenes (BTEX) distinction, industrial solvents, volatile organic compounds, and priority metals. The two water samples from MW-1 and MW-3 will be analyzed for TPH-G, BTEX, total lead, and

mercury.

8. A quarterly monitoring report will be prepared and submitted within 30 days of receipt of the analytical results from the sampling event. The report will include a description of all site activities, findings, conclusions and recommendations, a site map, a table of analytical results, field documentation, chain of custodies, and original laboratory analytical results.

Soil Sampling Procedure

Soil samples will be collected at five foot intervals during the soil boring process. Drilling will be stopped 18 inches prior to sample collection. Samples will be collected in a thin-walled brass cylinder (6" X 2" diameter) placed within a California Modified Split Spoon sampler. The sampler will be driven through the hollow stem of the drilling auger with a 140-pound hammer dropping 30 inches. Soil will be logged using the Unified Soil Classification System and field observations Noticed staining and hydrocarbon smell will be recorded. These notes will be used to select which soil samples will be analyzed for contaminants. One sample per 5 feet of depth will be analyzed for chemical contaminants. All soil samples will be held at the laboratory in the event that further characterization is warranted.

Special care will be used to collect a soil sample from the formation directly overlaying the saturated zone.

No headspace will be left in the cylinder when the soil sample is collected. To seal the sample, each end of the cylinder will be covered with aluminum foil and then capped with a polyethylene lid, taped, and labelled. Care will be taken throughout this process to avoid contamination of the inside and outside of the cylinder and its contents.

The sample will be immediately placed in an ice chest containing blue ice and kept cold (approximately 4^{o} C) for delivery to the laboratory. Soil samples will be sent under chain of custody to a certified laboratory to be analyzed. Analytical results will be reported in parts per million (ppm).

Monitoring Well Construction

The proposed groundwater monitoring well will be drilled with the use of a power rig equipped with an 8-inch outside diameter, continuous-flight, hollow-stem auger. The approximate location of the boring is shown on Figure 2. Exact location will be determined in the field based on the results of the underground utility clearance.

Cuttings and Development Water

All drill cuttings will be left on site pending receipt of analytical results. Disposal or treatment of potentially contaminated cuttings, and of the development and purge waters, will be conducted in accordance with the guidelines governing hazardous materials.

Well Bottom

Boring depth will be subject to the scope of the workplan outlined above. Well construction, if applicable, will consist of a 2-inch diameter PVC casing. Well bottom will be terminated in the first aquitard encountered below the uppermost aquifer.,

Casing Materials

Well casing will consist of new, clean 2-inch diameter PVC. All screened casings will be 0.020" factory made. All connections will be mechanically made, without the use of chemicals (or adhesives).

Well Construction

Well casings, from the bottom of the well extending to the ground surface, will consist of a bottom threaded cap, followed by screen, then blank. Sand pack will consist of No. 2, 3 or 12 clean Monterey sand. Neat cement will consist of five gallons of clean water mixed with one 94-lbs bag of Portland cement. Cement will be properly mixed on-site, versus at the batching plant.

Well Head

Well head will be fitted with a locking cap. Well head will be covered by a Christy type manhole cover, and set in concrete. Manhole cover will be positioned one inch higher than local grade elevation.

Groundwater Sampling Procedure

Water levels will be recorded at each monitoring well on site prior to any well purging activities.

A minimum of three well casing volumes will be purged using the dedicated polyethylene tubing prior to sample collection. This amount is contingent upon well stabilization indicated by temperature, conductivity, and pH measurements. In the event that the well is dewatered prior to proper purging, the water sample will be collected when recharge levels in the well have reached 80% of well volume. If the well has not achieved 80% recharge within one hour, a sample will be collected from the available water in the well. Purge water from sampling episodes will be stored on site in labelled drums (compatible with the storage of the contaminants suspected) until analytical results are received.

Groundwater samples will be collected through the dedicated polyethylene tubing and directly transferred to proper containers. The samples will be immediately placed in an ice chest

containing blue ice and kept cold (approximately 4^{o} C) for delivery to the laboratory. Samples will be sent under chain of custody to a certified laboratory to be analyzed. Analytical results will be reported in parts per billion (ppb).

Decontamination Procedures

Drilling augers will be steam cleaned prior to being brought to the site. If steam cleaning is deemed appropriate, augers will be placed in a containment trough and steam cleaned. Rinse water will be pumped into storage drums, labelled and stored on-site until receipt of analytical results.

The split spoon sampler will be decontaminated in between collection of soil samples by a thorough wash in a trisodium phosphate solution, then a double rinse with clean tap water. Brass containers would be handled in this same manner if on-site decontamination is necessary.

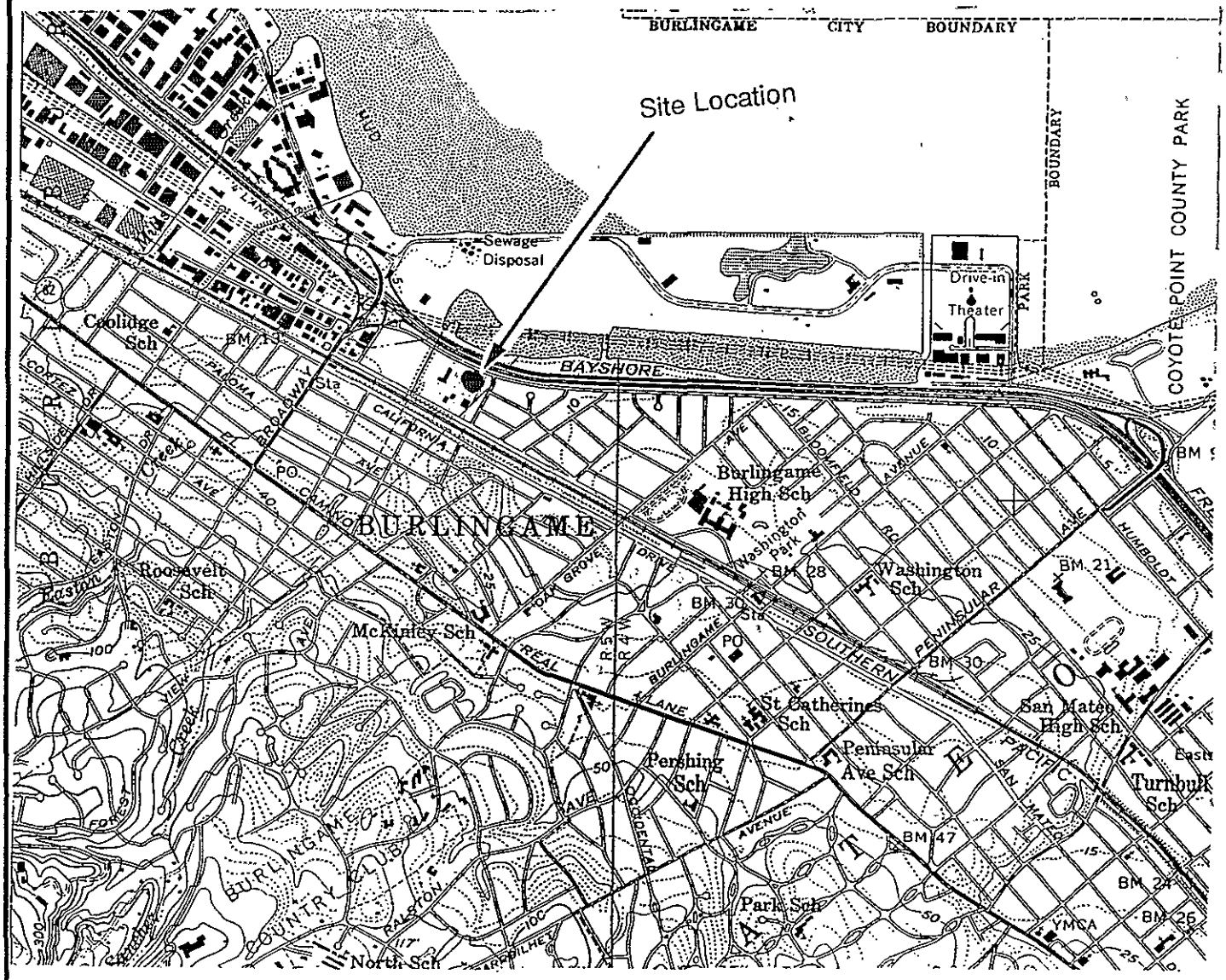
VOA vials and/or other water containers will not be decontaminated in the field. All containers used for collection of water samples will be cleaned by the laboratory, properly packaged, and brought on site.

FIGURES

SAN MATEO QUADRANGLE
CALIFORNIA—SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Projected Groundwater Flow Direction

QUADRANGLE LOCATION



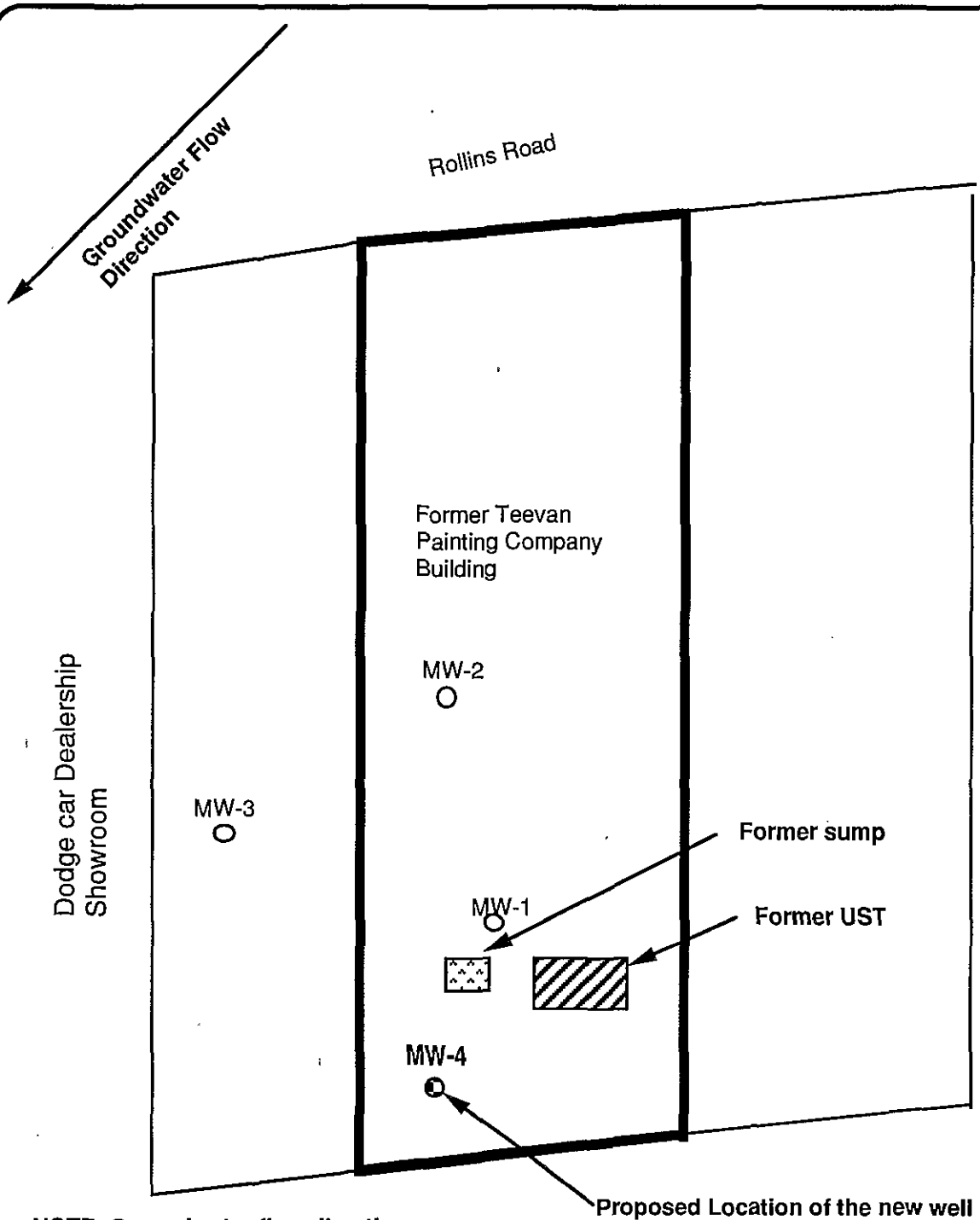
SCALE 1:24000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

Revisions	Date	Page	Site: 1019 Rollins Road Burlingame, CA	By: ACCUTITE ENVIRONMENTAL ENGINEERING
	9/30/93	1		
1		of		
		1		
NORTH ↑	Figure 1		Site Location	35 South Linden Avenue South San Francisco California 94080



NOTE: Groundwater flow direction was calcullated fromelevations of groundwater in MW-1, MW-2, and MW-3.

Bay Cities Collision Center

Revisions	Date	Page
	2/15/94	1
1		of
		1

Site Plot Plan
1019 Rollins Road
Burlingame, CA

Figure 2

By: ACCUTITE ENVIRONMENTAL ENGINEERING
35 South Linden Avenue
South San Francisco
California 94080

NORTH

Scale:
1" = 20'

Legend: MW = Monitoring Well
Approximate Location of Former Sump
Approximate Location of Former Gas Tank

ATTACHMENT
A

SMCDHS LETTER

Department of Health Services
ENVIRONMENTAL HEALTH SERVICES DIVISION

BOARD OF SUPERVISORS
RUBEN BARRALES
MARY GRIFFIN
TOM HUENING
TED LEMPERT
MICHAEL D. NEVIN

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

COUNTY OF SAN MATEO

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063

(415) 363-4305
FAX # (415) 363-7882

December 22, 1993

ATTN: Alfred Molakidis
627 Occidental Avenue
San Mateo, CA 94402

SUBJECT: PROPERTY AT 1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA

I reviewed the Groundwater Monitoring and Summary of Subsurface Investigation Report, dated November 17, 1993, for the subject property. The latest round of sampling reported analytical results below drinking water standards for all contaminants. However, according to the August 17, 1993 calculated groundwater flow direction, there are no wells placed directly down gradient from the former tank pit and sump area. In order to qualify for case closure, this office recommends that a minimum of one additional well be placed within fifteen feet of the former sump area, in the "Westerly" direction.

This well will be required to be screened at the bottom of the aquifer allowing groundwater samples to be collected just above the aquitard. A total of four consecutive quarters of analytical results must be submitted from the down gradient well. If future quarters report simular findings, this office will request that the Regional Water Quality Control Board review this site for final case closure. For the initial sampling of the new well, this office recommends using all four wells to recalculate gradient. Only MW-1, MW-3 and the new well should be analyzed for TPH gas, BTEX, Industrial Solvents, Volatile Organic Compounds and Priority Metals. Depending on these results, future analytical requirements may be modified.

Please feel free to contact me at (415) 363-4472 if you have any questions.

Sincerely,

Dermot Casey
Hazardous Materials Specialist
County Remedial Oversight Program

cc: Sami Malaeb, Accutite, 35 So. Linden Avenue, So. San Francisco, CA 94080

ACCUTITE
Contractor's License #643881

Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

8

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH

NOV 2 3 1993

RECEIVED

Groundwater Monitoring and Summary of Subsurface Investigation at 1019 Rollins Road, Burlingame, CA

Prepared for
Mr. Alfred Molakidis
627 Occidental Avenue
San Mateo, CA 94402

by
Accutite Environmental Engineering
35 So. Linden Avenue
South San Francisco, CA 94080

November 17, 1993

CONTENTS

ACCUTITE

1.0 INTRODUCTION

Mr. Alfred Molakidis retained Accutite Environmental Engineering (Accutite) to sample and analyze for suspected contaminants in three (3) groundwater monitoring wells located at 1019 Rollins Road in Burlingame, California (Figure 1). Also, Accutite was retained to summarize past soil and groundwater investigations and to present its conclusions and recommendations.

1.1 PURPOSE

The purposes of this investigation are to:

- Provide an up-to-date assessment of groundwater conditions at the site by sampling and analyzing the three on site monitoring wells.
- Review past subsurface investigations conducted at the site.
- Based on recent and past soil and groundwater analytical findings, present conclusions and recommendations.

1.2 BACKGROUND

The site is located at 1019 Rollins Road in Burlingame, California. Currently, the site is used as a parking lot for a car dealership. Figure 1 depicts the location of the site, which is south of San Francisco Bay and U.S. Highway 101. Figure 2 is a plot plan of the site.

Prior to 1985, the site was occupied by Teevan Paint Company. A paint disposal sump, a 1,000-gallon underground gasoline tank, and a paint thinner underground tank formerly existed at this site. The sump, both underground storage tanks, and the associated contaminated soil were removed from the site between 1984 and 1986. Appendix A contains a letter from Mr. William Lent, of the San Mateo County Department of Health Services (SMCDHS), documenting the site inspection after the sump closure.

On January, 27, 1986, a letter was issued by the SMCDHS to Mr. Molakidis, the site owner. This letter called for the installation of three monitoring wells on site and sampling and analysis of the shallow groundwater (Appendix A). In response to this letter, Pitcher Drilling Company of East Palo Alto, California, under a contract with Mr. Molakidis, installed three (3) monitoring wells onsite. Details of the installation of these wells and the analytical findings were presented in John T. O'Rouke & Associates (Hydro-Geo Consultants, Inc.) report dated June, 1986 (Appendix E). A summary of the laboratory results of the groundwater samples collected from these wells is presented in section 2.0 of this report.

Table 1 below summarizes the activities conducted on site from 1986 to date. The analytical findings are tabulated in sections 2.0 and 3.0 of this report.

Table 1- Summary of Activities Conducted Onsite

Date	Activity Description	Analyses	Reference Report
Dec. 1986	All three wells were sampled	Volatile Organic Compounds Metals Total Hydrocarbons	John T. O'Rouke & Associates report, dated December 22 1986 (Appendix E)
March 1987	A letter was issued by Mr. John Rapp, of the San Mateo County Department of Health Services, recommending abandonment of the three wells	None	Please see *copy* of the letter in Appendix A of this report
May 1987	All three wells were sampled	Volatile organic compounds Cadmium Oil & Grease	John T. O'Rouke Associates report, dated, May 28, 1987 (Appendix E)
Dec 1989	All three wells were sampled	Volatile organic compounds Metals *Aromatic Volatile Organics*	Hydro-Geo Consultants Inc., report, dated January 15, 1990 (Appendix E)
March 1990	*All three wells were sampled*	*Petroleum oil* Metals Halogenated Volatile Organics Aromatic Volatile Organics	Hydro-Geo Consultants Inc., report, dated April 27, 1990 (Appendix E)
June 1990	All three wells were sampled	Petroleum oil Metals Halogenated Volatile Organics Aromatic Volatile Organics	Hydro-Geo Consultants Inc., report, dated July, 1990 (Appendix E)
Dec. 1990	Twenty two (22) soil boreholes were drilled onsite. Soil samples were collected and analyzed	Mercury, Lead, Industrial solvents	Hydro-Geo Consultants Inc., report, dated January, 1991 (Appendix E)
June 1991	Monitoring well # 1 was sampled	Metals Petroleum oil Aromatic volatile organics Halogenated volatile organics	Hydro-Geo Consultants, Inc., report, dated, July 16, 1991 (Appendix E)

ACCUTITE

Table 1- Continued

Date	Activity Description	Analyses	Reference Report
August 1993	All three wells were sampled	Metals Halogenated Volatile Organics Industrial solvents Total dissolved solids	This report
Sept. 1993	All three wells were sampled	Hardness as CaCO3 Total Petroleum Hydrocarbons as Gasoline (TPH-G), with Benzene, Toluene, Ethyl benzene, and Xylenes (BTE&X) distinction	This report

2.0 FORMER SOIL AND GROUNDWATER INVESTIGATIONS

A chronological summary of activities and sampling events is included in section 1.2. Section 2.1 below summarizes the soil laboratory results. Section 2.2 contains the groundwater analytical findings.

2.1 SUMMARY OF SOIL SAMPLING AND ANALYSES TO DATE

In November and December, 1990, Hydro-Geo Consultants, Inc. drilled a total of 22 soil boreholes at the site. The soil samples were analyzed for mercury, lead, and industrial solvents. A summary of the soil sample laboratory results is presented in Table 2 below. This Table shows only the detected contaminants. For further details of this subsurface investigation, please review Hydro-Geo Consultants, Inc. report, dated January 11, 1991 (Appendix E).

Table 2- Summary of the Soil Sampling Analytical Results from the 1990 Subsurface Investigation

Borehole #	Sampling Date	Sampling Depth (ft)	Mercury Hg mg/kg	Lead mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg
B1	11/20/90	7.5	1.9	N.D.	N.D.	N.D.
B2	11/20/90	6	0.42	N.D.	N.D.	N.D.
B2	11/20/90	11	0.25	N.D.	N.D.	N.D.
B5	11/20/90	8	N.D.	N.D.	1.6	16
B8	12/05/90	6	0.050	1.2	N.D.	N.D.
B8	12/05/90	6.5-10	0.048	0.96	N.D.	1.9
B8	12/05/90	11	0.049	1.5	N.D.	N.D.
B8	12/05/90	16	0.047	4.1	N.D.	N.D.
B9	12/05/90	6	0.049	N.D.	N.D.	N.D.
B9	12/05/90	7	0.049	5.3	1.5	N.D.
B9	12/05/90	9	0.047	2.9	N.D.	N.D
B10	12/05/90	7	0.048	0.76	N.D.	15
B10	12/05/90	11	0.049	3.9	N.D.	N.D.
			TTLC* 20	TTLC* 1,000		

Table 2- Continued

Borehole #	Sampling Date	Sampling Depth ft	Mercury Hg mg/kg	Lead mg/kg	Ethyl benzene mg/kg	Xylenes mg/kg
B11	12/05/90	6	0.050	4.8	N.D.	N.D.
B11	12/05/90	11	0.049	6.0	N.D.	N.D.
B12	12/05/90	6	0.050	4.6	N.D.	N.D.
B12	12/05/90	11	0.050	7.3	N.D.	N.D.
B13	12/05/90	6	0.049	1.7	N.D.	N.D.
B13	12/05/90	7	0.046	6.2	N.D.	20
B13	12/05/90	11	0.097	5.9	N.D.	N.D.
B13	12/05/90	16	0.14	5.2	N.D.	N.D.
B14	12/05/90	6	0.047	5.4	N.D.	N.D.
B14	12/05/90	8	0.050	5.9	N.D.	16
B14	12/05/90	11	0.049	4.6	N.D.	N.D.
B15	12/05/90	11	0.049	4.8	N.D.	N.D.
B15	12/05/90	18.5	0.046	4.0	N.D.	37
B16	12/05/90	11	0.33	6.9	N.D.	N.D.
B16	12/05/90	16	0.097	4.2	N.D.	N.D.
B16	12/05/92	21	0.047	6.6	N.D.	N.D.
B17	12/07/90	5	0.33	N.D.	N.D.	N.D.
B17	12/07/90	10.5	0.045	N.D.	N.D.	N.D.
B17	12/07/90	21	0.050	N.D.	N.D.	N.D.
B18	12/07/90	6	0.14	N.D.	N.D.	N.D.
B18	12/07/90	11.5	0.10	N.D.	N.D.	N.D.
B20	12/07/90	6	0.045	N.D.	N.D.	N.D.
B20	12/07/90	11	0.050	N.D.	N.D.	N.D.
B21	12/07/90	6	0.045	N.D.	N.D.	N.D.
B21	12/07/90	11	0.046	N.D.	N.D.	N.D.
B22	12/07/90	6	0.049	N.D.	N.D.	N.D.
B22	12/07/90	11	0.048	N.D.	N.D.	N.D.
			TTLC* 20	TTLC* 1,000		

* Total Threshold Limit Concentration for classification as hazardous waste.

2.2 SUMMARY OF PAST GROUNDWATER SAMPLING AND ANALYSIS

Between 1986 and 1992, the three monitoring wells at the site were sampled a total of seven times. Table 3 below contains a summary of the analytical findings for the metal analyses. Table 4 summarizes the organic hydrocarbon results. For more details on the sampling events and laboratory analyses, see Table 1 of this report.

Table 3- Summary of the Groundwater Metal Analysis Between 1986 and 1992

Well ID #	Sampling Date	Cd ppb [1]	Cu ppb	Pb ppb	Hg ppb	Ni ppb	Zn ppb	Tl ppb	Cr ppb	Se ppb	As ppb
1	05/21/86	N.D.[2]	N.D.	N.D.	<1	N.D.	N.D.	N.D.	N.A.[3]	N.A.	N.A.
2	05/21/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
3	05/21/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.
1	12/02/86	10	N.D.	N.D.	N.D.	<70	N.D.	N.D.	N.A.	N.A.	N.A.
2	12/02/86	20	N.D.	N.D.	N.D.	<210	<50	100	N.A.	N.A.	N.A.
3	12/02/86	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.
1	05/01/87	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
2	05/01/87	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3	05/01/87	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1	12/14/89	N.D.	310	<110	N.D.	440	840	N.A.	<100	110	N.D.
2	12/14/89	N.D.	<100	<150	<2.5	570	290	N.A.	150	110	N.D.
3	12/14/89	N.D.	<110	<32	N.D.	340	<320	N.A.	<98	38	N.D.
1	04/16/90	N.D.	390	<190	<190	1900	850	N.A.	1200	N.D.	32
2	03/14/90	N.D.	230	140	6.4	<2000	450	N.A.	900	N.D.	N.D.
3	03/14/90	N.D.	260	69	<4	1700	560	N.A.	760	N.D.	N.D.
1	06/11/90	N.D.	130	390	250	N.D.	270	N.A.	360	N.D.	20
2	06/11/90	N.D.	260	210	3.7	N.D.	400	N.A.	830	N.D.	45
3	06/11/90	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22
1	06/20/91	N.D.	310	42	23	610	300	N.A.	420	18	23
2	06/20/91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3	06/20/91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
DRINKING WATER		5	—	50	2	—	5000		1000	50	50

1- ppb = Parts per billion
2- N.D. = Below the specified detection limit
3- N.A. = Not Analyzed for

ACCUTITE

Table 4- Summary of Groundwater Organic Hydrocarbons Analysis

Well ID #	Sampling Date	1,2 Dichloro-ethene ppb [1]	Xylenes ppb	Trans-1,2, Dichloro-ethene ppb	Benzene ppb	Ethyl benzene ppb	Chloro-form ppb
1	05/21/86	N.D.[2]	N.D.	N.D.	N.D.	N.D.	N.D.
2	05/21/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	05/21/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1	12/02/86	N.D.	N.D.	1.9	N.D.	N.D.	N.D.
2	12/02/86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	12/02/86	N.D.	N.D.	N.D.	N.D.	N.D.	0.54
1	05/01/87	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	05/01/87	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	05/01/87	N.D.	N.D.	N.D.	N.D.	N.D.	0.54
1	12/14/89	12	1.8	N.D.	0.99	1.9	N.D.
2	12/14/89	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	12/14/89	N.D.	N.D.	N.D.	N.D.	N.D.	0.54
1	04/16/90	16	6.7	N.A.[3]	8.6	12	N.D.
2	04/16/90	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	04/16/90	N.D.	N.D.	N.D.	N.D.	N.D.	1.0
1	06/11/90	23	N.D.	N.D.	11	4.2	N.D.
2	06/11/90	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	06/11/90	N.D.	N.D.	N.D.	N.D.	N.D.	1.0
1	06/20/91	N.D.	N.D.	4.5[4]	4.0	4.0	N.D.
2	06/20/91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3	06/20/91	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

1- ppb = Parts per billion
2- N.D. = Non Detect or below detection limit
3- N.A. = Not Analyzed for
4- This is a concentration of cis-1, 2-dichloroethene

3.0 RECENT GROUNDWATER SAMPLING AND ANALYSIS

On August 17, and September 2, 1993, Accutite sampled all three existing monitoring wells at the site.

3.1 GROUNDWATER SAMPLING PROCEDURES

Prior to sampling, Accutite purged each well of at least three (3) well volumes of water. The purged water volume was contingent upon well stabilization indicated by temperature, conductivity, and pH measurements. Appendix B contains the well sampling log sheets. Purging water was stored onsite, pending obtaining laboratory results. Subsequently, the purged water was disposed of into the sewer line on-site under a permit from the City of Burlingame. The groundwater samples were collected through dedicated polyethylene tubing and directly transferred to pre-cleaned jars and Volatile Organic Analysis (VOA) vials, provided by Sequoia Analytical Laboratory. The samples were transferred to the same laboratory in an ice chest, accompanied by a signed chain of custody. The depths to water were recorded as follows:

ACCUTITE

Well #	Date	Depth to Water (ft)	Water Elevation (MSL)
1	8/17/93	7.167	2.733
2	8/17/93	6.583	3.617
3	8/17/93	7.333	1.967

Based on the measured water elevations, the groundwater flow direction is toward the west at a gradient of 0.051 ft/ft. The calculations of the groundwater flow direction are provided in Appendix C.

3.2 LABORATORY ANALYSIS

The samples collected on August 17, 1993 were analyzed for the following contaminants:

- E.P.A Priority Pollutants: Metals
- Halogenated Volatile Organics, using EPA Method 8010
- Industrial Solvent Scan, using EPA Method 3810/ 8015 Modified
- Salinity
- Total Dissolved Solids

On September 2, 1993, Accutite conducted another round of well sampling at the site, following the same procedures, described above. The collected samples were analyzed for the following contaminants:

- Total Petroleum Hydrocarbons as gasoline (TPH-G)
- Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX)
- Hardness as $CaCO_3$

3.3 ANALYTICAL FINDINGS OF RECENT WELL SAMPLING

The detected metal contaminants, hardness, and salinity results are tabulated in Table 5 below. Table 6 contains the petroleum hydrocarbons results. The Sequoia Laboratory results are provided in Appendix D. No industrial solvents or halogenated volatile organics were detected.

Table 5- **Groundwater Analytical Results for Samples collected on August 17, 1993**

Well #	Sampling Date	Zn ppb [1]	Sb ppb	Cr ppb	Cu ppb	Hg ppb	Ni ppb	Salinity	TDS [2] ppm [3]
1	8/17/93	27	530	130	N.D.[4]	1.0	110	10	10,000
2	8/17/93	97.	510	190	40	1.2	N.D.	13	14,000
3	8/17/93	110	530	100	26	1.6	200	4.1	6,000
Fresh Water Aquatic Life Concentration Limits for Hardness > 400 ppm, Maximum Concentration [5]		379	N/A	5405	65	2.4 [6]	4582	-	-

1- ppb = Parts per billion
2- TDS = Total Dissolved Solids
3- ppm = Parts per million
4- N.D. = Non Detect or below detection limit
5- Source: A Compilation of Water Quality Goals, Central Valley Regional Water Quality Control Board, May, 1993

6- Source: Water Quality Plan, San Francisco Bay Region, September 9, 1992, Table III-2B.

Table 6- ***Groundwater Analytical Results for Samples, Collected on September 2, 1993***

Well #	Sampling Date	TPH-G [1] ppb [2]	Benzene ppb	Toluene ppb	Ethyl Benzene ppb	Total Xylenes ppb	Hardness ppm [3]
1	9/2/93	N.D.[4]	1.2	N.D.	N.D.	N.D.	2,100
2	9/2/93	N.D.	N.D.	N.D.	N.D.	N.D.	3,800
3	9/2/93	N.D.	N.D.	N.D.	N.D.	N.D.	2,700

1- TPH-G = Total Petroleum Hydrocarbons as Gasoline
2- ppb = Parts per billion
3- ppm = Parts per million
4- N.D. = Non Detect

ACCUTITE

4.0 WATER QUALITY GOALS

The Water Quality Goals, May 1993, published by the Central Valley Regional Water Quality Control Board were taken as guidelines because of the proximity of the site to Sanchez and Mills Creeks (Figure 1); the site is located approximately 3/4 mile east of these creeks and upgradient. San Francisco Bay is located about 1/3 mile from the site. The worst case scenario, based on the westward groundwater gradient, was assumed that the groundwater from the site may seep into the Sanchez or Mills creek. Therefore, freshwater aquatic life protection concentration limits were considered as guidelines with consideration of hardness to be above 400 ppm (Table 6).

5.0 CONCLUSIONS

- Based on the analytical findings to date (Table 2), the concentrations of metals in the soil do not exceed the TTLC (or ten times the STLC) for classification as hazardous waste. No significant concentration of organic hydrocarbons was identified in the soil.

- From reviewing the analytical results of the groundwater samples collected from 1990 to date (Tables 3,4,5, and 6), all contaminant concentrations are on the decrease. Therefore, the soil at the site does not seem to impact the groundwater.

- Based on TDS concentrations between 6,000 ppm and 10,000 ppm (Table 5), which exceed the 3,000 ppm limit for drinking water classification, the groundwater on-site is not considered a source of drinking water.

- The latest groundwater analytical findings (Tables 5 and 6) indicate that none of the metal concentrations exceeded the limit for freshwater aquatic life protection.

6.0 RECOMMENDATIONS

- Because none of the metal concentrations in the soil exceeded the TTLC or ten times the STLC limits for soil classification as hazardous waste, Accutite recommends no further soil remediation at this site.

- Based on the latest groundwater sampling episode, August 17, 1993, none of the concentrations of metals in the groundwater exceeds the limits set for freshwater aquatic life protection. Accutite recommends further groundwater sampling for the next two quarters. If analytical findings from these quarters continue showing the metal concentrations at acceptable low concentrations, Accutite recommends closure of the site.

Thank you for the opportunity to serve you. If you have any questions, please call me at (415) 952-5551.

Sincerely,
Accutite Environmental Engineering

Sami Malaeb

Sami Malaeb, P.E., R.E.A.

SM:ngc

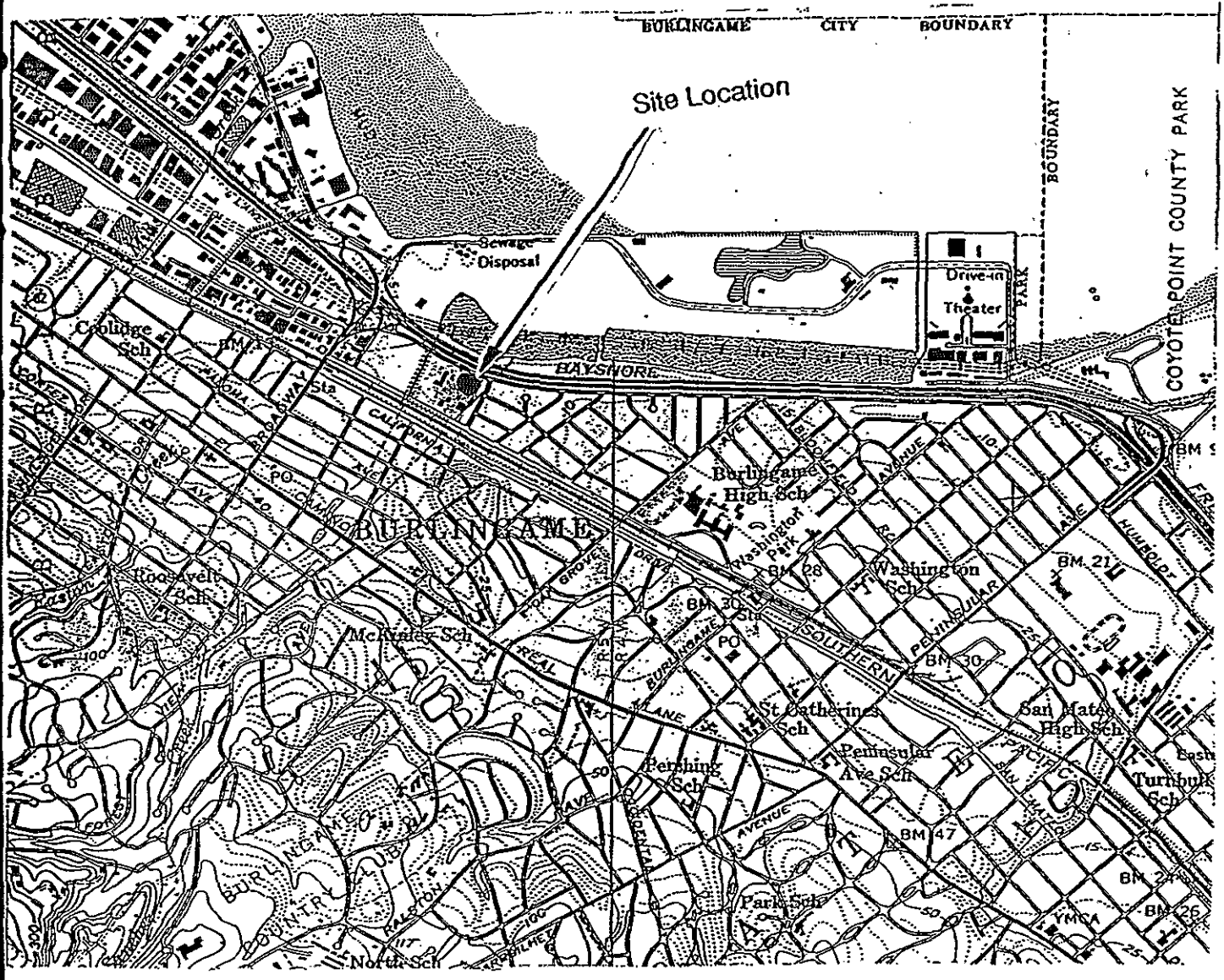
ACCUTITE

FIGURES

SAN MATEO QUADRANGLE
CALIFORNIA–SAN MATEO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Projected Groundwater Flow Direction

QUADRANGLE LOCATION



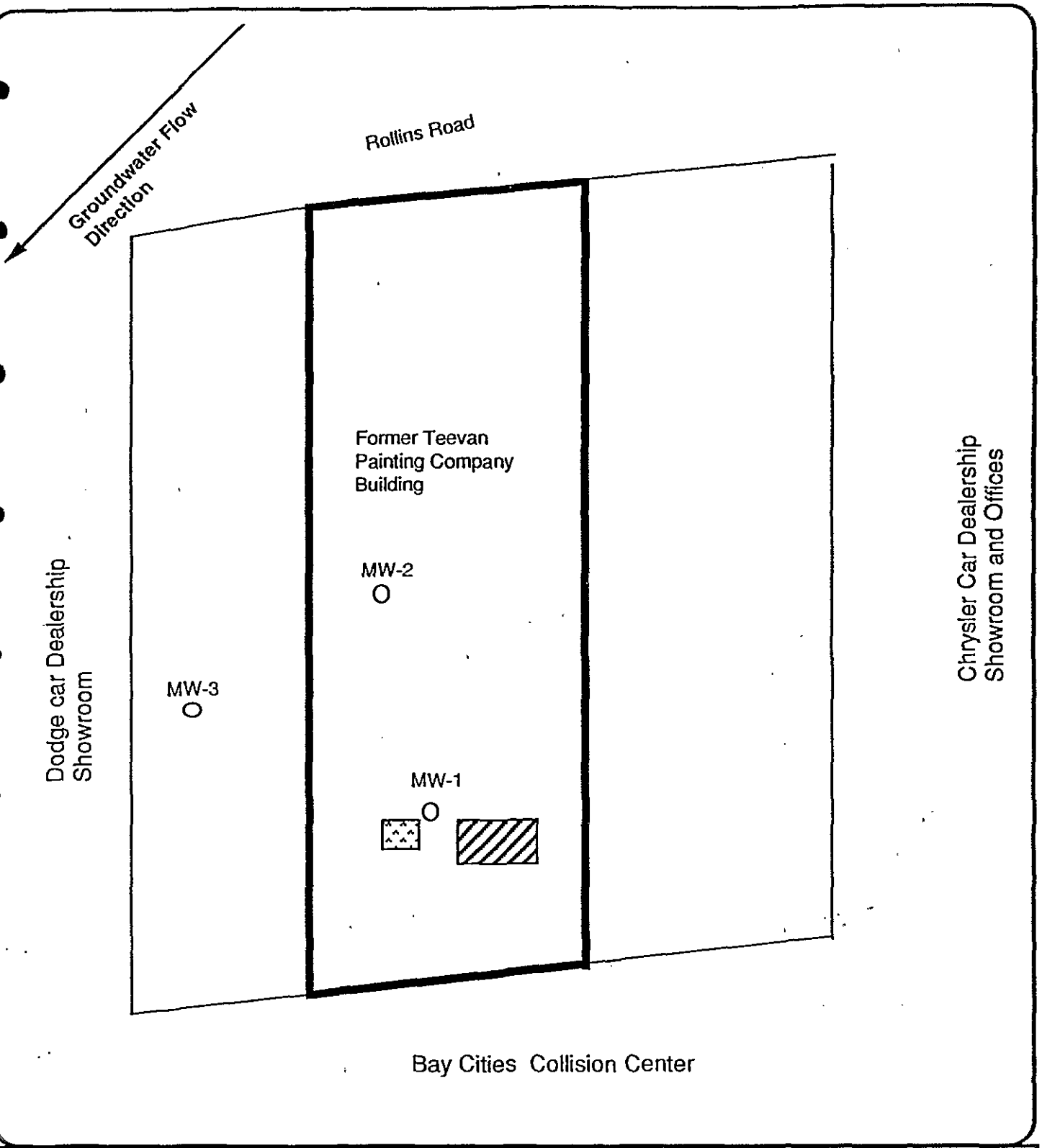
SCALE 1:24000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Revisions	Date	Page	Site: 1019 Rollins Road Burlingame, CA	By: ACCUTITE ENVIRONMENTAL ENGINEERING
	9/30/93	1		
1		of		
		1		
NORTH ↑	*Figure 1*		Site Location	35 South Linden Avenue South San Francisco California 94080



Revisions	Date	Page
	9/28/93	1
1		of
		1

Site Plot Plan
1019 Rollins Road
Burlingame, CA

Figure 2

By: ACCUTITE ENVIRONMENTAL ENGINEERING
35 South Linden Avenue
South San Francisco
California 94080

NORTH

Scale:
1" = 20'

Legend: MW = Monitoring Well
Approximate Location of Former Sump
Approximate Location of Former Gas Tank

ACCUTITE

APPENDIX A

COUNTY OF SAN MATEO DEPARTMENT OF HEALTH SERVICES LETTERS

ACCUTITE

Department of Health Servi
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO
JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

November 19, 1985

Kristine Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

Dear Kristine :

On November 13, 1985 William Lent and Gary Aguiar, from the Department of Health Services, conducted an inspection at 1019 Rollins Road, Burlingame. The inspection was conducted to assess the progress in the continuing clean-up being done at this site.

The primary concern of the Health Department is the sump area. Upon inspection it was determined that the contaminated soil was removed and the sump was filled and compacted with clean fill in accordance with our instructions.

Regarding the secondary clean-up area, the drainage gravel on the asphalt plus the contaminated soil was removed and disposed of properly by North State Environmental Services.

To satisfy the county's criteria for completion of this clean-up a monitoring well must be installed. In conjunction with this the soil and water samples must be analyzed for specified compounds. A separate letter will follow addressing the monitoring well guidelines, sampling and analysis requirements.

Thank you for your cooperation and concern in this matter.

Sincerely,

William Lent

William Lent
Public Health Chemist

WL:nt
cc: Judith Henley, Principal, Environmental Health Specialist

Department of Health Ser...es
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

November 15, 1985

Kristine H. Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

RE: Installation of monitoring well at 1019 Rollins Road, Burlingame, CA

Dear Kristine:

The following is the required procedure for the installation and sampling of a monitoring well on the above mentioned site:

1) The well is to be installed in the middle of the sump area.

2) The bottom of the well should extend 3 feet into the bay mud. The well boring should be logged in the field by a registered civil engineer, registered engineering geologist, or registered geologist. The drafted log should be submitted to this office at the same time your lab analyses are submitted.

3) A drill rig equipped with hollow-stem augers will provide the most efficient drilling method at your site, in terms of both geologic logging and well installation. In any case, the inherent characteristics of a groundwater monitoring well requires that a "dry" drilling method be used.

4) The minimum casing diameter to be used is 2-inch I.D., however a 4-inch diameter well would be more advantageous, since it could serve as an extraction well if the necessity arises. The recommended material is schedule 40 PVC casing and slotted screen with flush-threaded couplings. No glues or solvents are to be used in the well construction. The slotted screen should extend from the bottom of the well to within 3 to 5 feet above the water table at high tide. The bottom of the well is to be fitted with a slip-cap.

5) The diameter of the boring should minimally provide for a 2-inch annular space. A 2-inch well casing would require a boring diameter of 6 inches, while a 4-inch casing would require an 8-inch boring diameter.

6. The annular space along the screened interval should be backfilled with clean Monterey Sand or equivalent.

7. Immediate placement of approximately 6 inches of bentonite pellets on top of the sand pack will ensure prompt isolation of the monitoring well from any surface contamination, as well as provide a barrier against migration of cement into the sand pack when the sanitary seal is placed.

8. A sanitary seal is to be placed from the top of the sand pack to the ground surface. The sealing material shall be one of the following:
1) Neat cement grout composed of one sack of Portland cement (94 pounds) to 4 1/2 to 6 1/2 gallons of clean water; or 2) Sand cement grout composed of not more than two parts by weight of sand and one part of Portland cement to 4 1/2 to 6 1/2 gallons of clean water per sack of cement.

9. The well should be made vandal-proof, either with a steel conductor casing with locking top, or set in a meter box with a locking well cap.

10. Soil samples are to be taken below the bottom of the backfilled excavation at depths of 2 feet, 5 feet, and at 5-foot intervals until groundwater is encountered. A soil sample is to be taken immediately above the water table. Since the density of Methylene Chloride is greater than that of water, a soil sample should be taken at the top of the bay mud.

11. A groundwater sample should be collected by first removing 3 to 5 casing volumes of water from the well, using a clean teflon bailer. After rinsing the bailer with deionized water, a sample is withdrawn from the well for analysis.

12. Sample handling, transport, and storage should follow EPA protocol. Soil samples are to be analyzed for halogenated volatile organics according to EPA methods 5030 and 8010. Water samples are to be analyzed for halogenated volatile organics according to EPA method 601. Soil samples should also be analyzed for mercury by E.P.A. method A.A. flameless assay A I H A J, 37,311,1976.

If you have any questions, please call me at 363-4356.

Sincerely,

Gary Aguiar

Gary Aguiar
Associate Civil Engineer

GA:nt
cc: Judy Henley, Principal Environmental Health Specialist
Bill Lent, Public Health Chemist

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

January 27, 1986

Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Re: 1019 Rollins Road
Burlingame

Dear Mr. Molakidis:

As we have previously stated to the former owners of the above named property (Teevan Company), it will be necessary to monitor the quality of the shallow groundwater beneath the site. On November 13, 1985, contaminated soil was removed from a sump area, in accordance with County instructions. Monitoring wells must be installed in order to: 1) determine if the shallow groundwater has been impacted by the disposal of paints and solvents within the sump area, 2) monitor the attenuation of any contaminants in the shallow groundwater, and 3) determine if any contaminants in the shallow groundwater are migrating down-gradient of the sump area and potentially off-site.

It is our opinion that the monitoring of the shallow groundwater can best be addressed by the installation of a monitoring well within the sump area, and minimally two monitoring wells located down gradient. The approximate locations of the wells are shown on Exhibit A., and are based on our understanding that the existing building will be demolished and removed. The exact locations of the monitoring wells will be dependent upon site access, existing underground piping, and the recommendations of your field geologist or engineer. The required procedure for the installation of the monitoring wells is outlined in the attached letter to the Teevan Company, dated November 15, 1985.
NOTE: Soil sampling and analysis is only required for the well in the middle of the sump area.

You have informed us that the underground tank located on the site will be abandoned. It will be necessary to obtain an abandonment permit from the County prior to removal of the tank. Due to the close proximity of the underground tank to the sump area there is a high probability that the tank backfill is contaminated with paint and solvents. Any contaminated material must be removed and disposed of properly. The presence of highly contaminated soils in the area of the underground tank may require the installation of an additional monitoring well.

If you have any questions please do not hesitate to contact me at 363-4356.

Very truly yours,

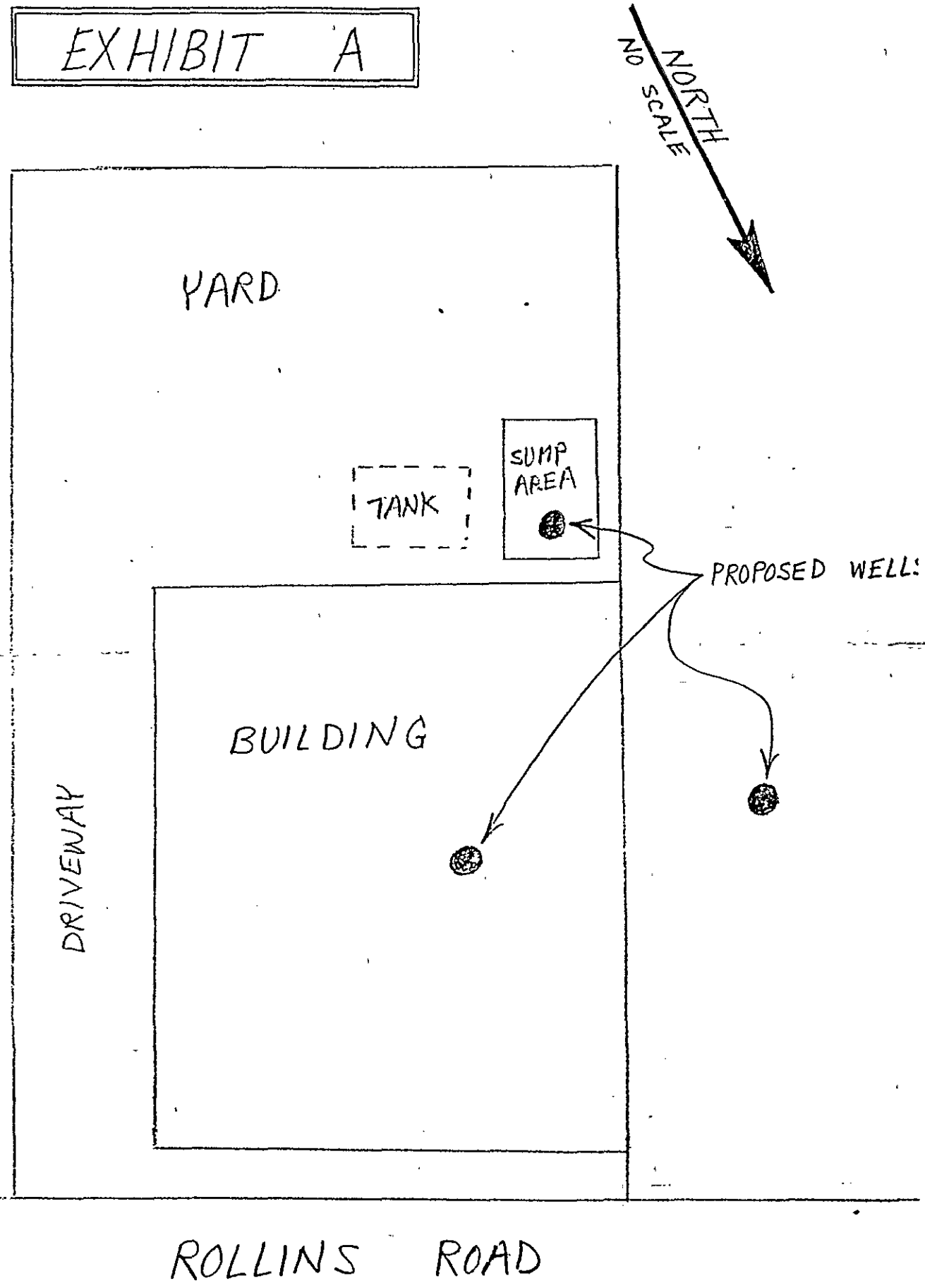
J. Henley for

Gary Aguiar
Associate Civil Engineer

GA/kc

cc: Bill Lent, Public Health Chemist
Judy Henley, Principal Environmental Health Specialist

EXHIBIT A


NORTH
NO SCALE
YARD
SUMP AREA
TANK
PROPOSED WELLS
BUILDING
DRIVEWAY
ROLLINS ROAD

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM HUENING
TOM NOLAN
WILLIAM J. SCHUMACHER

COUNTY OF SAN MATEO

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

March 4, 1987

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Dear Mr. Molakidis:

With Gary Aguiar's departure from County service, I have assumed responsibility for his files, and so am writing subsequent to his letter of July 21, 1986 regarding your property at 1019 Rollins Road, Burlingame to confirm receipt of your consultant's groundwater analysis report dated December 22, 1986.

While the levels of cadmium within water samples obtained from Monitoring Wells #1-3 are in excess of the .01 ppm drinking water standard, there is no known consumption of the shallow groundwater in the Rollins Road area by human and/or terrestrial animals. As a result, I believe that abandonment of the site monitoring wells according to County standards would be appropriate. I recommend that you contact Mr. Tom Callaghan of the San Francisco Bay Region Water Quality Control Board before terminating your monitoring program, however, as the Regional Water Board has considerable interest and authority in matters relating to the waters of the State. Mr. Callaghan may be reached at the Board office, 1111 Jackson Street, Sixth Floor, Oakland, 94607 (telephone: 464-0787).

If you have any questions of me, or if I may otherwise be of assistance, please contact me at the above address, or telephone (415) 363-4718.

Sincerely,

John E. Rapp

John E. Rapp, R.S.
Hazardous Materials Specialist III
Hazardous Materials Management Program

JER:jr

cc: Mr. John O'Rourke, Consultant
Mr. Tom Callaghan, RWQCB

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

July 21, 1986

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Dear Al:

Re: Subsurface Investigation
1019 Rollins Road
Burlingame, CA 94010

We have reviewed John O'Rourke's report of the subsurface investigation at the above site, dated June 25, 1986. This report presents the results of soil and groundwater sampling in the area of a paint disposal sump area and underground storage tanks at the former Teevan Painting Company site.

During the drilling of Boring #1, a strong solvent odor and whitish paint were observed at a depth of 7.5 feet. Laboratory analysis showed that the soil at this location contained 87 ppb tetrachloroethane, 220 ppm total hydrocarbons (mineral spirits), 120 ppm of lead, and 200 ppm of mercury. A soil sample collected at a depth of sixteen (16) feet was shown to contain 160 ppm mercury.

Although the soil in the vicinity of the paint disposal area appears to contain significant concentrations of inorganic and organic contaminants, groundwater sampling and analysis showed that the shallow groundwater beneath the site does not contain any constituent above the drinking water standards as set by the California Department of Health Services. On July 9, 1986, Bill Lent and myself bailed a groundwater sample from Monitoring Well #1 in order to check for the presence of any floating organic material or any discoloration caused by paint. The water sample that we observed was clear and had no organic odor. It appears that the subsurface contamination is either hydraulically isolated above the water table or is bound in the soil matrix and therefore non-mobile.

In order to determine how seasonal variations of the water table elevation may affect the groundwater quality, as well as to determine if the subsurface contamination is truly hydraulically isolated or non-mobile, we hereby require that you sample the three on-site monitoring wells in December of this year. Samples should be analyzed for the same constituents that were previously analyzed for. If the results of the December sampling indicate that the shallow groundwater beneath the site does not contain contaminants in excess of the state drinking water standards, we will recommend that the wells at your site be properly abandoned. Following the well abandonment, no further action will be required at the site.

If you have any questions, please call me at (415) 363-4356.

Sincerely,

Gary Aguiar
Associate Civil Engineer

GA/gm

cc: Judith Henley, Principal Hazardous Materials Specialist
Bill Lent, Public Health Chemist

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

CHANGE OF OWNERSHIP FORM
For the Storage of Hazardous
Materials in Underground Tanks

Facility Name: WIMA MOLAKIDIS & THE TRUST UNDER TEEWILL OF GUST MOLAKIDIS

Address: 729 Linden Avenue, Burlingame, CA 94010

Current Owner: Wima Molakidis and The Trust under the will of Gust Molakidis Phone: (415) 343-2519

Mailing Address (if different than above): _____

Previous Owner: James R. Teevan Phone: (415)474-8826

Mailing Address: 1840 Washington Street, San Francisco, CA 94109

No. of tanks authorized to operate: two

Each underground storage tank at this facility is permitted to contain the following materials:

Volume	Materials Stored
550 gal	Paint thinner/solvant
1000 gal	gasoline

(attach additional sheets if necessary)

This is to acknowledge that I have received and read the requirements of the permit to operate underground storage tank(s) for the above facility and agree to accept the obligations of the transferred permit. I realize that the Office of Environmental Health may review and modify, or terminate, the transfer of the permit, pursuant to the criteria specified in subdivision (a) of Section 25295 of the California Health and Safety Code, upon receiving the completed form.

Signed,

Wima Molakidis

Signature of Owner

11/21/85

APPENDIX B

WATER SAMPLING FORMS

9/2/93

WATER SAMPLING FORM

GW-1

CLIENT:
ADDRESS:
WELL # TESTED:

The .17 figure used below to convert water column height to total amount of gallons in 1 well volume is based on a 2" diameter well bore. Use .65 for a 4" diameter well.

TOTAL WELL DEPTH 17.8
-DEPTH TO WATER 7.14
= WATER COLUMN HEIGHT 10.66 X .17 = 1.81 GAL (1 well volume)

Multiply 1 well volume by 3 to obtain the minimum # of gallons to be extracted before taking well sample(s).

3 x 1.81 = 5.43 (3 well volumes)

DATE:
TIME:
WATER LEVEL:

TIME:	GALS PUMPED	TEMP	COND.	X100 PH
8:21	1	73.5	10.38	6.84
	2	74.2	9.97	6.84
	3	74.7	8.88	6.77
	4	74.7	10.06	6.74
	5	74.4	9.95	6.75
	6	74.4	10.03	6.70
	7	74.5	10.09	6.70
	8	74.5	10.06	6.70
Sample				

Time: 8:59
Volume Pumped: 12 Gallons

9/2/93

WATER SAMPLING FORM

CLIENT:
ADDRESS:
WELL # TESTED: GW-3

The .17 figure used below to convert water column height to total amount of gallons in 1 well volume is based on a 2" diameter well bore. Use .65 for a 4" diameter well.

TOTAL WELL DEPTH 18.24
-DEPTH TO WATER 7.62
= WATER COLUMN HEIGHT 10.62 X .17 = 1.80 GAL (1 well volume)

Multiply 1 well volume by 3 to obtain the minimum # of gallons to be extracted before taking well sample(s).

3 x 1.80 = 5.41 (3 well volumes)

DATE:
TIME:
WATER LEVEL:

TIME:	GALS PUMPED	TEMP	COND.	X100 PH
11:50	1	82°	4.29	7.04
	2	77.8	4.18	7.08
	3	76.2	4.65	7.03
	4	74.9	5.01	7.02
	5	76.0	5.13	7.02
Sample				

Time: 12.25
Volume Pumped: 6 gallons

9/2/93

WATER SAMPLING FORM

CLIENT:
ADDRESS:
WELL # TESTED: GW-2

The .17 figure used below to convert water column height to total amount of gallons in 1 well volume is based on a 2" diameter well bore. Use .65 for a 4" diameter well.

TOTAL WELL DEPTH 22.80
-DEPTH TO WATER 6.68
= WATER COLUMN HEIGHT 16.12 X .17 = 2.74 GAL (1 well volume)

Multiply 1 well volume by 3 to obtain the minimum # of gallons to be extracted before taking well sample(s).

3 x 2.74 = 8.2 (3 well volumes)

DATE:
TIME:
WATER LEVEL:

TIME:	GALS PUMPED	TEMP	COND.	X100 PH
10:50	1	75.5	14.57	6.90
	2	75.2	14.60	6.89
	3	73.9	14.09	6.91
	4	74.7	13.89	6.96
	5	73.2	15.21	6.92
	6	74.0	15.45	6.95
	7	72.1	15.68	6.90
	8	73.5	15.47	6.91
	9	73.0	15.76	6.94
Sample				

Time: 11:30
Volume Pumped: 10 gallons

WATER SAMPLING FORM

CLIENT: ALFRED MALAKIOS
ADDRESS: 1019 ROLLINS RD.
WELL # TESTED: GW-3

The .17 figure used below to convert water column height to total amount of gallons in 1 well volume is based on a 2" diameter well bore. Use .65 for a 4" diameter well.

TOTAL WELL DEPTH 17.8'
-DEPTH TO WATER 7.4'
= WATER COLUMN HEIGHT 10.4 X .17 = 1.768 GAL (1 well volume)

Multiply 1 well volume by 3 to obtain the minimum # of gallons to be extracted before taking well sample(s).

3 x 1.768 = 5.304 (3 well volumes)

DATE: 8-17-93
TIME: 11:35
WATER LEVEL:

TIME: 11:37	GALS PUMPED	TEMP	COND.	X100 PH
	1	81.4	5.99	6.77
	2	79.9	6.23	6.80
	3	78.1	6.03	6.82
	4	78.8	5.66	6.94
	5	78.2	5.87	6.89
	6	77.6	5.74	6.88
	7	77.4	5.71	6.86

Time:

WATER SAMPLING FORM

CLIENT: ALFREO MOLAKIOS
ADDRESS: 1019 ROLLINS RD
WELL # TESTED: GW-9

The .17 figure used below to convert water column height to total amount of gallons in 1 well volume is based on a 2" diameter well bore. Use .65 for a 4" diameter well.

TOTAL WELL DEPTH 22.8'
-DEPTH TO WATER 6.7'
= WATER COLUMN HEIGHT 16.1 X .17 = 2.737 GAL (1 well volume)

Multiply 1 well volume by 3 to obtain the minimum # of gallons to be extracted before taking well sample(s).

3 x 2.737 = 8.211 (3 well volumes)

DATE: 8-17-93
TIME: 12:19
WATER LEVEL:

TIME: 12:25	GALS PUMPED	TEMP	COND.	X100 PH
	1	82.6	17.62	6.79
	2	75.1	14.81	6.86
	3	73.1	14.41	6.77
	4	71.2	14.23	6.71
	5	71.7	14.10	6.69
	6	71.2	14.17	6.65
	7	70.7	14.11	6.85
	8	71.0	13.94	6.75
	9	70.4	13.90	6.64
	10	71.4	13.93	6.62
	11	71.6	13.91	663

Time:

WATER SAMPLING FORM

CLIENT: ALFRED MOLARTOS
ADDRESS: 104 ROLLING RD
WELL # TESTED: GW-1

The .17 figure used below to convert water column height to total amount of gallons in 1 well volume is based on a 2" diameter well bore. Use .65 for a 4" diameter well.

TOTAL WELL DEPTH 17.8'
-DEPTH TO WATER 7.2'
= WATER COLUMN HEIGHT 10.6 X .17 = 1.802 GAL (1 well volume)

Multiply 1 well volume by 3 to obtain the minimum # of gallons to be extracted before taking well sample(s).

3 x 1.802 = 5.406 (3 well volumes)

DATE: 8-17-93
TIME: 10:30
WATER LEVEL:

TIME: 10:37	GALS PUMPED	TEMP	x1000 COND.	X100 PH
	1	74.5	9.45	6.75
	2	75.3	9.83	6.95
	3	79.1	9.47	7.24
	4	76.3	9.70	7.13
	5	76.7	10.01	7.02
	6	76.3	10.14	6.96
	7	75.6	10.15	6.91
	8	76.3	10.19	6.85
	9	75.6	10.10	6.81
	10	76.8	10.09	6.77
	11	75.6	9.93	6.74
	12	75.5	9.95	6.71
	13	76.1	9.86	6.72
	14	76.0	9.85	6.72
	15	Sample 10:58		

	x1000	

Time:

APPENDIX C

GROUNDWATER FLOW DIRECTION CALCULATIONS

ACCUTITE

CALCULATION SHEET

DATE

DESIGN BY DATE CHECKED BY SHEET NO.

PROJECT JOB NO.

SUBJECT CALCULATION NO. FILE NO.

Well	Date	Depth to water (ft)	water elevation (MSL)
1	8-17-93	7.167	2.733
2	8-17-93	6.583	3.617
3	8-17-93	7.333	1.967

a) Well No.1 has the intermediate water level (neither the highest, nor the lowest)

b) The position between the well having the highest head and the well having the lowest head at which the head is the same as that in the intermediate well is:

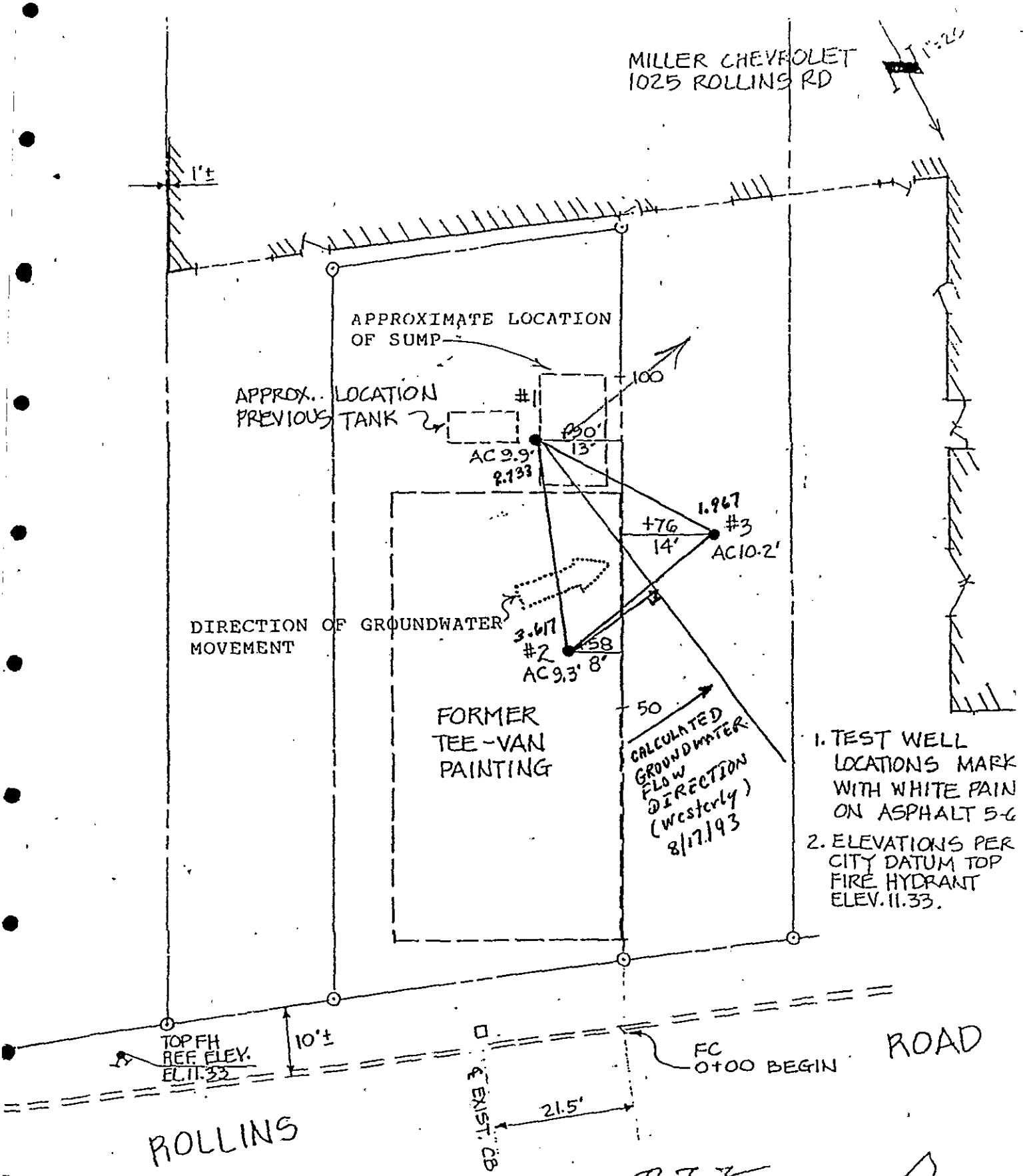
$$\frac{3.617 - 2.733}{x} = \frac{3.617 - 1.967}{32}$$

$$\Rightarrow x = 17.13 \text{ ft}$$

c) A line was drawn between the intermediate well and the position determined in step b above. This line represents the segment of the water contour in the same as the intermediate well.

d) A line perpendicular to the water level contour was drawn. This line is parallels the direction of the groundwater movement.

e) $\frac{3.617 - 2.733}{17.4} = 0.0508$



PLOT PLAN

Charles L. Kavanagh
RCE 20858
Exp 9-30-89

PLATE 2

APPR: CLK BY: cad	**KAVANAGH ENGINEERING** 708 CAROLAN AVE. BURLINGAME, CA. 94010 (415) 579-1944 1019 Rollins Rd. Burlingame, Ca.	DWG. SK-1
	TEST WELL LOCATIONS	SCALE: 1" = 20'

APPENDIX D

LABORATORY RESULTS

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-1	Received:	Aug 17, 1993
South San Francisco, CA 94080			Analyzed:	Aug 23-24, 1993
Attention: Sami Malib	Lab Number:	3H79301	Reported:	Aug 31, 1993
			Revised:	Sep 3, 1993

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit mg/L	Sample Results mg/L
Antimony	0.10	0.53
Arsenic	0.10	N.D.
Beryllium	0.010	N.D.
Cadmium	0.010	N.D.
Chromium	0.010	0.13
Copper	0.010	N.D.
Lead	0.10	N.D.
Mercury	0.00020	0.0010
Nickel	0.050	0.11
Selenium	0.10	N.D.
Silver	0.010	N.D.
Thallium	0.10	N.D.
Zinc	0.010	0.027

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penne
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-2	Received:	Aug 17, 1993
South San Francisco, CA 94080			Analyzed:	Aug 23-24, 1993
Attention: Sami Malib	Lab Number:	3H79302	Reported:	Aug 31, 1993
			Revised:	Sep 3, 1993

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit mg/L	Sample Results mg/L
Antimony	0.10	0.51
Arsenic	0.10	N.D.
Beryllium	0.010	N.D.
Cadmium	0.010	N.D.
Chromium	0.010	0.19
Copper	0.010	0.040
Lead	0.10	N.D.
Mercury	0.00020	0.0012
Nickel	0.050	N.D.
Selenium	0.10	N.D.
Silver	0.010	N.D.
Thallium	0.10	N.D.
Zinc	0.010	0.097

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-3	Received:	Aug 17, 1993
South San Francisco, CA 94080			Analyzed:	Aug 23-24, 1993
Attention: Sami Malib	Lab Number:	3H79303	Reported:	Aug 31, 1993
			Revised:	Sep 3, 1993

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit mg/L	Sample Results mg/L
Antimony	0.10	0.53
Arsenic	0.10	N.D.
Beryllium	0.010	N.D.
Cadmium	0.010	N.D.
Chromium	0.010	0.10
Copper	0.010	0.026
Lead	0.10	N.D.
Mercury	0.00020	0.0016
Nickel	0.050	0.20
Selenium	0.10	N.D.
Silver	0.010	N.D.
Thallium	0.10	N.D.
Zinc	0.010	0.11

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-1	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Aug 24, 1993
Attention: Sami Malib	Lab Number:	3H79301	Reported:	Aug 31, 1993

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-2	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Aug 24, 1993
Attention: Sami Malib	Lab Number:	3H79302	Reported:	Aug 31, 1993

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-3	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8010	Analyzed:	Aug 24, 1993
Attention: Sami Malib	Lab Number:	3H79303	Reported:	Aug 31, 1993

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Renner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-1	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Aug 19, 1993
Attention: Sami Malib	Lab Number:	3H79301	Reported:	Aug 31, 1993

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.020	N.D.
iso-Butanol	0.80	N.D.
n-Butanol	0.80	N.D.
sec-Butanol	1.0	N.D.
t-Butanol	1.0	N.D.
Carbon tetrachloride	0.10	N.D.
Chloroform	0.10	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	0.40	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.20	N.D.
Hexane	0.10	N.D.
Methanol	0.80	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.20	N.D.
Methylene chloride	0.20	N.D.
iso-Octane	0.020	N.D.
iso-Propanol	0.40	N.D.
n-Propanol	0.80	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.10	N.D.
Tetrahydrofuran	0.40	N.D.
1,1,1,-Trichlorethane	0.10	N.D.
Trichloroethylene	0.10	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-2	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Aug 19, 1993
Attention: Sami Malib	Lab Number:	3H79302	Reported:	Aug 31, 1993

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.020	N.D.
iso-Butanol	0.80	N.D.
n-Butanol	0.80	N.D.
sec-Butanol	1.0	N.D.
t-Butanol	1.0	N.D.
Carbon tetrachloride	0.10	N.D.
Chloroform	0.10	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	0.40	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.20	N.D.
Hexane	0.10	N.D.
Methanol	0.80	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.20	N.D.
Methylene chloride	0.20	N.D.
iso-Octane	0.020	N.D.
iso-Propanol	0.40	N.D.
n-Propanol	0.80	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.10	N.D.
Tetrahydrofuran	0.40	N.D.
1,1,1,-Trichloroethane	0.10	N.D.
Trichloroethylene	0.10	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penne
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water, GW-3	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Aug 19, 1993
Attention: Sami Malib	Lab Number:	3H79303	Reported:	Aug 31, 1993

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/L	Sample Results mg/L
Acetone	0.40	N.D.
Acetonitrile	1.0	N.D.
Benzene	0.020	N.D.
iso-Butanol	0.80	N.D.
n-Butanol	0.80	N.D.
sec-Butanol	1.0	N.D.
t-Butanol	1.0	N.D.
Carbon tetrachloride	0.10	N.D.
Chloroform	0.10	N.D.
Cyclohexane	0.020	N.D.
1,2-Dichloroethane	0.20	N.D.
t-1,2-Dichloroethene	0.040	N.D.
Ethanol	0.40	N.D.
Ethyl acetate	0.10	N.D.
Ethyl benzene	0.020	N.D.
Ethyl ether	0.020	N.D.
Freon 113 (Trichlorotrifluoroethane)	0.20	N.D.
Hexane	0.10	N.D.
Methanol	0.80	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl isobutyl ketone	0.20	N.D.
Methylene chloride	0.20	N.D.
iso-Octane	0.020	N.D.
iso-Propanol	0.40	N.D.
n-Propanol	0.80	N.D.
n-Propyl benzene	0.020	N.D.
Tetrachloroethylene	0.10	N.D.
Tetrahydrofuran	0.40	N.D.
1,1,1,-Trichlorethane	0.10	N.D.
Trichloroethylene	0.10	N.D.
Toluene	0.020	N.D.
m-Xylene	0.020	N.D.
o-Xylene	0.020	N.D.
p-Xylene	0.020	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis for:	Total Dissolved Solids		
Attention: Sami Malib	First Sample #:	3H79301	Analyzed:	Aug 20, 1993
			Reported:	Aug 31, 1993

LABORATORY ANALYSIS FOR: Total Dissolved Solids

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
3H79301	GW-1	1.0	10,000
3H79302	GW-2	1.0	14,000
3H79303	GW-3	1.0	6,000

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis	Sampled:	Aug 17, 1993
35 South Linden Avenue	Sample Descript:	Water	Received:	Aug 17, 1993
South San Francisco, CA 94080	Analysis for:	Salinity		
Attention: Sami Malib	First Sample #:	3H79301	Analyzed:	Aug 18, 1993
			Reported:	Aug 31, 1993

LABORATORY ANALYSIS FOR: Salinity

Sample Number	Sample Description	Detection Limit	Sample Result
3H79301	GW-1	0.010	10
3H79302	GW-2	0.010	13
3H79303	GW-3	0.010	4.1

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis
35 South Linden Avenue	Matrix:	Water
South San Francisco, CA 94080		
Attention: Sami Malib	QC Sample Group: 3H79301-03	Reported: Aug 31, 1993

QUALITY CONTROL DATA REPORT

ANALYTE	Mercury	Beryllium	Cadmium	Chromium	Nickel
Method:	EPA 245.1	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7
Analyst:	A. McDonald	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
Conc. Spiked:	0.0020	1000	1000	1000	1000
Units:	mg/L	µg/L	µg/L	µg/L	µg/L
LCS Batch#:	BLK082393	BLK082393	BLK082393	BLK082393	BLK082393
Date Prepared:	8/23/93	8/23/93	8/23/93	8/23/93	8/23/93
Date Analyzed:	8/23/93	8/24/93	8/24/93	8/24/93	8/24/93
Instrument I.D.#:	MPE-2	MTJA-2	MTJA-2	MTJA-2	MTJA-2
LCS % Recovery:	104	99	98	98	98
Control Limits:	90-110	75-125	75-125	75-125	75-125
MS/MSD Batch #:	3H79002	3H79001	3H79001	3H79001	3H79001
Date Prepared:	8/23/93	8/23/93	8/23/93	8/23/93	8/23/93
Date Analyzed:	8/23/93	8/24/93	8/24/93	8/24/93	8/24/93
Instrument I.D.#:	MPE-2	MTJA-2	MTJA-2	MTJA-2	MTJA-2
Matrix Spike % Recovery:	104	97	96	96	95
Matrix Spike Duplicate % Recovery:	107	96	95	95	94
Relative % Difference:	2.8	1.0	1.0	1.0	1.1

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis
35 South Linden Avenue	Matrix:	Water
South San Francisco, CA 94080		
Attention: Sami Malib	QC Sample Group: 3H79301-03	Reported: Aug 31, 1993

QUALITY CONTROL DATA REPORT

ANALYTE	Beryllium	Cadmium	Chromium	Nickel	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7	EPA 8010	EPA 8010	EPA 8010
Analyst:	M. Mistry	M. Mistry	M. Mistry	M. Mistry	V. Nunzir	V. Nunzir	V. Nunzir
Conc. Spiked:	1.0	1.0	1.0	1.0	25	25	25
Units:	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L
LCS Batch#:	BLK082493	BLK082493	BLK082493	BLK082493	BLK082483	BLK082483	BLK082483
Date Prepared:	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93
Date Analyzed:	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93
Instrument I.D.#:	MTJA-2	MTJA-2	MTJA-2	MTJA-2	GCHP-8	GCHP-8	GCHP-8
LCS % Recovery:	97	91	95	97	104	108	116
Control Limits:	75-125	75-125	75-125	75-125	61-145	71-120	76-127
MS/MSD Batch #:	3H80501	3H80501	3H80501	3H80501	3H79301	3H79301	3H79301
Date Prepared:	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93
Date Analyzed:	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93	8/24/93
Instrument I.D.#:	MTJA-2	MTJA-2	MTJA-2	MTJA-2	GCHP-8	GCHP-8	GCHP-8
Matrix Spike % Recovery:	91	87	90	94	104	104	104
Matrix Spike Duplicate % Recovery:	97	92	95	97	88	88	88
Relative % Difference:	6.4	5.6	5.4	3.1	17	17	17

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis
35 South Linden Avenue	Matrix:	Water
South San Francisco, CA 94080		
Attention: Sami Malib	QC Sample Group: 3H79301-03	Reported: Aug 31, 1993

QUALITY CONTROL DATA REPORT

ANALYTE	Acetone	MIBK	Tetra-hydrofuran	1,1,1-TCA	TCE	p-Xylene
Method:	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
Analyst:	T. Tran	T. Tran	T. Tran	T. Tran	T. Tran	T. Tran
Conc. Spiked:	4.0	1.0	2.0	1.0	1.0	0.20
Units:	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LCS Batch#:	BLK081893	BLK081893	BLK081893	BLK081893	BLK081893	BLK081893
Date Prepared:	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93
Date Analyzed:	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93
Instrument I.D.#:	GCV-1	GCV-1	GCV-1	GCV-1	GCV-1	GCV-1
LCS % Recovery:	108	100	105	128	125	129
Control Limits:	50-150	50-150	50-150	50-150	50-150	50-150
MS/MSD Batch #:	3H66401	3H66401	3H66401	3H66401	3H66401	3H66401
Date Prepared:	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93
Date Analyzed:	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93	8/18/93
Instrument I.D.#:	GCV-1	GCV-1	GCV-1	GCV-1	GCV-1	GCV-1
Matrix Spike % Recovery:	93	89	88	99	99	102
Matrix Spike Duplicate % Recovery:	92	92	87	105	107	111
Relative % Difference:	1.1	3.3	1.1	5.9	7.8	8.5

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Alfred Molakidis
35 South Linden Avenue	Matrix:	Water
South San Francisco, CA 94080		
Attention: Sami Malib	QC Sample Group: 3H79301-03	Reported: Aug 31, 1993

QUALITY CONTROL DATA REPORT

ANALYTE	Total Dissolved Solids	Salinity
Method:	EPA 160.1	EPA 120.1
Analyst:	Y. Arteaga	K. Follett
Conc. Spiked:	*250*	*0.37*
Units:	µg/L	N/A
LCS Batch#:	LCS082093	LCS081893
Date Prepared:	8/20/93	8/18/93
Date Analyzed:	8/20/93	8/18/93
Instrument I.D.#:	N/A	N/A
LCS % Recovery:	96	98
Control Limits:	80-130	80-120
MS/MSD Batch #:	3H88201	3H83903
Date Prepared:	8/20/93	8/18/93
Date Analyzed:	8/20/93	8/18/93
Instrument I.D.#:	N/A	N/A
Matrix Spike % Recovery:	92	100
Matrix Spike Duplicate % Recovery:	96	100
Relative % Difference:	4.3	0.0

SEQUOIA ANALYTICAL

Peggy A. Renner
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

9308793

CHAIN OF CUSTODY

CLIENT:	ACCUTITE ENVIRONMENTAL ENGINEERING	REPORT TO:	TURNAROUND TIME: 10 days
ADDRESS:	35 S. LINDEN SOUTH SAN FRANCISCO, CA 94080	BILLING TO: ACCUTITE	8 HR / 24 HR / 48 HR / 72 HR
		BILLING REFERENCE #: 61	5 DAY / 10 DAY ✓ / OTHER
PHONE #	(415) 952-5551		
PROJECT NAME/ADDRESS:	ALFRED MOLAKIDIS 1019 ROLLINS Road Burlingame, CA		
SAMPLER: CHAD HOWLE	DATE: 8/17/93		

ANALYSIS REQUESTED:

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME	Priority Metals	Volatile Organics	Industrial Solvents	TDS	SALINITY	REMARKS	SAMPLE NUMBER
GW-1	Groundwater	1	1 l	8/17/93	X			X	X	Analyze for STLC if necessary	01
GW-1	Groundwater	3	40 ml VOAs	8/17/93		X	X				
GW-1	Groundwater	3	40 ml VOAs	8/17/93			X				
GW-2	Groundwater	1	1 l	8/17/93	X			X	X		
GW-2	Groundwater	3	40 ml VOAs	8/17/93		X					
GW-2	Groundwater	3	40 ml VOAs	8/17/93			X				
GW-3	Groundwater	1	1 l	8/17/93	X			X	X		
GW-3	Groundwater	3	40 ml VOAs	8/17/93		X					
GW-3	Groundwater	3	40 ml VOAs	8/17/93			X				

2 VOA IS.
2 VOA 8010
1 VOA TDS
1 VOA Sal

RELINQUISHED BY:	DATE: 8-17-93 TIME 1:48	RECEIVED BY:	8/17/93 15:20
RELINQUISHED BY:	DATE: 8/17/93 TIME 15:45	RECEIVED BY:	1545 8/17/93
RELINQUISHED BY:	DATE: TIME	RECEIVED BY:	LAB COMMENTS:

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	*Client Project ID:*	*Mr. Alfred Molakidis*	*Sampled:*	*Sep 2, 1993*
35 South Linden Avenue	Sample Matrix:	Water	Received:	Sep 2, 1993
South San Francisco, CA 94080	Analysis Method:	EPA 5030/8015/8020	Reported:	Sep 15, 1993
Attention: Amy Marden	*First Sample #:*	*3l19501*		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 3l19501 GW-1	Sample I.D. 3l19502 GW-2	Sample I.D. 3l19503 GW-3
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.
Benzene	0.50	1.2	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0
Date Analyzed:	9/13/93	9/13/93	9/13/93
Instrument Identification:	GCHP-1	GCHP-1	GCHP-1
Surrogate Recovery, %: (QC Limits = 70-130%)	129	130	119

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Mr. Alfred Molakidis	Sampled:	Sep 2, 1993
35 South Linden Avenue	Sample Descript:	Water	Received:	Sep 2, 1993
South San Francisco, CA 94080	Analysis for:	Hardness		
Attention: Amy Marden	First Sample #:	3I19501	Analyzed:	Sep 7, 1993
			Reported:	Sep 15, 1993

LABORATORY ANALYSIS FOR: Hardness

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
3I19501	GW-1	1.0	2,100
3I19502	GW-2	1.0	3,800
3I19503	GW-3	1.0	2,700

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID:	Mr. Alfred Molakidis
35 South Linden Avenue	Matrix:	Water
South San Francisco, CA 94080		
Attention: Amy Marden	QC Sample Group: 3I19501-03	Reported: Sep 15, 1993

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Hardness
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 314B
Analyst:	P. Madden	P. Madden	P. Madden	P. Madden	N. Northey
Conc. Spiked:	0.20	0.20	0.20	0.60	200
Units:	µg/L	µg/L	µg/L	µg/L	mg/L
LCS Batch#:	BLK091393	BLK091393	BLK091393	BLK091393	LCS090793
Date Prepared:	9/13/93	9/13/93	9/13/93	9/13/93	9/7/93
Date Analyzed:	9/13/93	9/13/93	9/13/93	9/13/93	9/7/93
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1	-
LCS % Recovery:	104	109	106	104	110
Control Limits:	81-113	92-121	97-121	90-112	80-120
MS/MSD Batch #:	BLK091393	BLK091393	BLK091393	BLK091393	3HC8901
Date Prepared:	9/13/93	9/13/93	9/13/93	9/13/93	9/7/93
Date Analyzed:	9/13/93	9/13/93	9/13/93	9/13/93	9/7/93
Instrument I.D.#:	GCHP-1	GCHP-1	GCHP-1	GCHP-1	-
Matrix Spike % Recovery:	109	116	115	107	98
Matrix Spike Duplicate % Recovery:	106	114	113	104	87
Relative % Difference:	2.8	1.7	1.7	2.8	12

SEQUOIA ANALYTICAL

Peggy A. Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.

CHAIN OF CUSTODY

CLIENT:	ACCUTITE ENVIRONMENTAL ENGINEERING	REPORT TO: Sami Malaeb	TURNAROUND TIME: 10 DAYS
ADDRESS:	35 S. LINDEN SOUTH SAN FRANCISCO, CA 94080	BILLING TO: ACCUTITE	8 HR / 24 HR / 48 HR / 72 HR
		BILLING REFERENCE #: 70	5 DAY / 10 DAY ✓ / OTHER
PHONE #	(415) 952-5551	ANALYSIS REQUESTED:	
PROJECT NAME/ADDRESS:	Mr. Alfred Molakidis 1019 Rollins Rd. Burlingame, CA		
SAMPLER: Jared Beltramo	DATE: 9/2/93		9309195

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT	TYPE CONT	SAMPLING DATE/TIME	TPH-G	BTEX	Hardness as $CaCO_3$	REMARKS	SAMPLE NUMBER
GW-1	Groundwater	2	40 ml VOA		X	X			
GW-1	Groundwater	2	40 ml VOA					Place on hold	
GW-2	Groundwater	2	40 ml VOA		X	X			
GW-2	Groundwater	2	40 ml VOA					Place on hold	
GW-3	Groundwater	2	40 ml VOA		X	X			
GW-3	Groundwater	2	40 ml VOA					Place on hold	
GW-1	Groundwater	1	1 l bottle				X		
GW-1	Groundwater	1	1 l bottle					Place on hold	
GW-2	Groundwater	1	1 l bottle				X		
GW-2	Groundwater	1	1 l bottle					Place on hold	
GW-3	Groundwater	1	1 l bottle				X		
GW-3	Groundwater	1	1 l bottle					Place on hold	

RELINQUISHED BY: Darren Cornett	DATE: 9/2/93	TIME: 2:24 P.M	RECEIVED BY: 9/2/93 14:25
RELINQUISHED BY:	DATE: 9/2/93	TIME: 17:25	RECEIVED BY:
RELINQUISHED BY:	DATE:	TIME	RECEIVED BY:

LAB COMMENTS:

APPENDIX E

BACKGROUND REPORTS

JOHN T. O'ROURKE & ASSOCIATE

JUNE 1986

ACCUTITE

SUBSURFACE INVESTIGATION
SOIL AND GROUNDWATER
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

PROJECT 198-A

Prepared for

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

By

JOHN T. O'ROURKE & ASSOCIATES
450 San Antonio Road, Suite 25
Palo Alto, California 94306

June, 1986

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER
450 SAN ANTONIO RD., SUITE 25 • PALO ALTO, CA 94306 • (415) 961-8387

June 25, 1986
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Dear Mr. Molakidis:

SUBSURFACE INVESTIGATION
SOIL AND GROUNDWATER
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

INTRODUCTION

This report presents the results of our evaluation of the soil and groundwater for contaminants from a paint disposal sump area and underground storage tanks (1,050 gallon gasoline tank, and 550 gallon paint thinner tank) at the former Teevan Painting Company site. Both of the underground tanks and most of the sump material have been removed from the site. The area is currently paved with asphalt and used as a parking lot for Miller's Chevrolet automobile dealership.

The investigation was undertaken to meet the requirements of the County of San Mateo Department of Environmental Health outlined in their letters of November 15 and 19, 1985 and January 27, 1986; see Appendix A. The scope of services consisted of installing 3 monitoring wells at locations chosen by the County, logging and evaluating the hydrogeologic conditions, and analysis of soil and water samples for volatile organic compounds, total hydrocarbons, and selected heavy metals.

HYDROGEOLOGIC SETTING

The site is located in the City of Burlingame, California, south of San Francisco Bay and U.S. Highway 101, as shown on Plate 1. The shoreline, delineated by dotted lines on Plate 1, was adjacent to the west side of the site in 1854. Recent bay mud does not underlie the site which is at an elevation of approximately 10 feet above mean sea level, and slopes toward the bay.

Sanchez Creek flows north into San Francisco Bay a few hundred feet west of the site. Fine-grained sediments were deposited along this creek and extended out into the bay as an alluvial fan; these sediments may underlie the site. "Sanchez" Hill, approximately 40-foot high, is located southeast of the site and is believed to be composed of weakly-consolidated, sandy and silty clays of the Colma Formation (Pampeyan, 1981). This formation, and moderately consolidated sandstones and siltstones of the Merced Formation underlie the recent alluvial sediments in this area. Relatively impervious bedrock of the Franciscan Formation is encountered at a depth of approximately 200 feet (Pampeyan, 1981; Bonilla, 1964).

The site, located on the bay plain, is not within a major useable groundwater zone. A 1983 study by Harding-Lawson Associates for the Burlingame Sanitary Landfill site, located north of the study area, identified a sand aquifer at a depth of 40 to 50 feet below sea level. The groundwater gradient in this aquifer was noted to be generally toward the north, except during periods of extreme

high tides when it reverses to the south at a shallow gradient.

FIELD EXPLORATION

Subsurface soil and groundwater conditions were explored by drilling 3 borings on May 7 and 8, 1986, to depths of 20 to 31 feet at the locations shown on Plate 2, Boring Log. The borings were drilled by Pitcher Drilling Company using a truck-mounted drill rig, and a 6-inch diameter, hollow-stem continuous flight auger. Subsurface conditions were logged by an engineering geologist, and undisturbed soil samples were obtained at selected locations by means of a 2.5-inch split-tube sampler. All drilling and sampling equipment was steam cleaned prior to sampling. Soil samples were collected in pre-cleaned brass liners, wrapped in aluminum foil, fitted with plastic caps, sealed with masking tape, and placed on ice for delivery to the testing laboratory.

The all of the borings encountered yellowish brown silty to sandy clay with occasional rock fragments. Approximately 6 feet of silty to sandy clay fill and 3 feet of coarse gravel was noted in the upper section of Boring 1. A strong solvent odor and whitish paint were observed in Boring 1 at a depth of 7.5 feet. A slight solvent odor was also noted in the upper 8 feet of the other borings.

Static groundwater levels, listed below, were measured on June 24, 1986 (tide elevation at this time was approximately -1.7 feet MSL). Based on this data, the groundwater appears to be migrating to the west toward Sanchez Creek.

Well	Time	Depth to Water	Water Elevation (MSL)
1	8:35 AM	7.5 feet	2.4 feet
2	8:33 AM	7.2 feet	3.0 feet
3	8:39 AM	7.8 feet	1.5 feet

Groundwater levels have remained relatively constant, and it does not appear that there is significant tidal influence on the shallow groundwater at the site.

The soils encountered in the borings are described on Plates 3-A through 3-C, Boring Logs; the Unified Soil Classification System, shown on Plate 4 , was used to classify the different soil types. The boring logs show subsurface conditions on the dates indicated, and it is not warranted that they are representative of subsurface conditions at other locations or times.

MONITORING WELL INSTALLATION

A groundwater monitoring well was installed in each boring. The wells consisted of 2-inch diameter PVC pipe (Schedule 40), with the bottom end plugged and a locked cap at the surface. Monitoring well construction detail is shown on Plate 5.

Groundwater samples were obtained on May 21, 1986, after purging each well of 4 boring volumes using a nitrogen-activated bladder pump (ISCO Model 2600). After purging, a water sample was taken with a teflon hand bailer that was cleaned between sampling. Samples were collected in pre-cleaned glass vials (40 ml.) fitted with teflon caps. Aeration of the water sample was avoided during transfer of the water from the bailer to the vials. Upon

collection, samples were placed on ice and transported to the laboratory on the day of collection.

LABORATORY ANALYSIS

Four soil samples and a water sample from each of the three monitoring wells were analyzed by Sequoia Analytical Laboratory in Redwood City, California. Soil samples were analyzed for priority pollutants volatile organics (EPA Method 8010), total hydrocarbons (mineral spirits), mercury, and lead. Groundwater was analyzed for priority pollutants volatile organic compounds (EPA Method 601), total hydrocarbons, cadmium, copper, lead, mercury, nickel, zinc, and titanium (EPA Method 3510). The results of the analysis are presented in Appendix B.

The soil in Boring 1, at a depth of 7 feet, contained 87 ppb of Tetrachloroethane, 220 ppm total hydrocarbons (mineral spirits), 120 mg/l of lead, and 200 mg/l of mercury. The amount of mercury in the soil of Boring 1 decreased upward and downward from a maximum concentration at 7 feet to 96 mg/l at a depth of 4.5 feet and 160 mg/l at a depth of 16 feet. The concentration of mercury in the groundwater of Monitoring Well 1 (Boring 1) was 0.001 mg/l which is well below the maximum contaminant level of 0.002 mg/l for mercury in drinking water.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater in the monitoring wells did not contain any significant contaminants.

The contaminated soil zone in Boring 1 is located at the eastern edge of the old paint disposal slump. The base of the sump is at groundwater level, and the soil below the sump has been contaminated with mercury to a depth of at least 16 feet. Analysis of the groundwater, however, indicates that this element may be stabilized and is within the soluble threshold limit concentration (STLC) of 0.2 mg/l required by the California Department of Environmental Health (Section 66699 of Title 22, California Administrative Code).

In summary, the groundwater at the site does not appear to be contaminated by the material disposed of in the paint sump or the underground storage tanks. However, because of the relatively high concentrations of tetrachloroethane, mineral spirits, mercury, and lead in the upper 8 feet of the soil, we recommend that the groundwater be tested for these substances within a year to determine if there is any change in the amount of contaminants present in the groundwater.

CLOSURE

We have enjoyed working with you on this project. If you have any questions please do not hesitate to call.

The following list of references, plates and appendices are attached and complete this report:

References

Plate 1. Location Map

Plate 2. Plot Plan

Plates 3-A through 3-C. Boring Logs

Plate 4. Method of Soil Classification

Plate 5. Monitoring Well Construction Detail

Appendix A. Correspondence with County of San Mateo

Appendix B. Chemical Analysis

Very truly yours,
JOHN T. O'ROURKE & ASSOCIATES

John T. O'Rourke

John T. O'Rourke, CEG 419
Principal

JO'R/jod.
3 copies submitted

REFERENCES

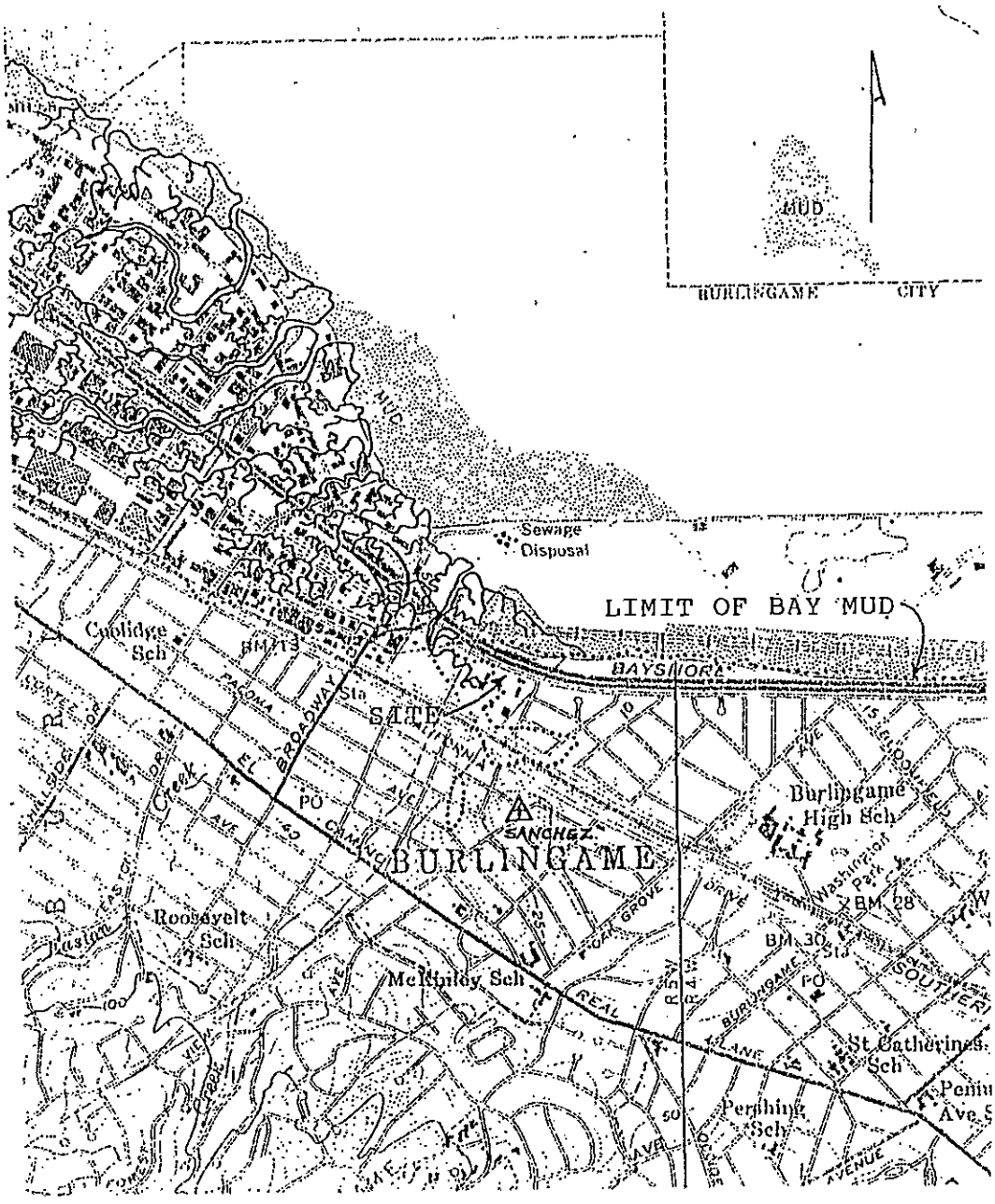
Bonilla, M.G., 1964, Bedrock-Surface Map of San Francisco South Quadrangle, California: U.S.Geological Survey Open-File Map (Basic Data Contribution 26).

Harding-Lawson Associates, 1983, Hydrogeology of the Burlingame Landfill Area, Burlingame, California: Unpublished report (HLA Job No. 9468,015.01).

Lajoie, K.R., Helley, E.J., Nichols, D.R., and Burke, D.B., 1974, Geologic Map of Unconsolidated and Moderately Consolidated Deposits of San Mateo, County, California: U.S. Geological Survey Miscellaneous Field Study Map MF-575.

Pampeyan, E.H., 1981, Geology and Former Shoreline Features of San Mateo 7.5-Minute Quadrangle, San Mateo County, California: U.S. Geological Survey Open-File Report 81-839.

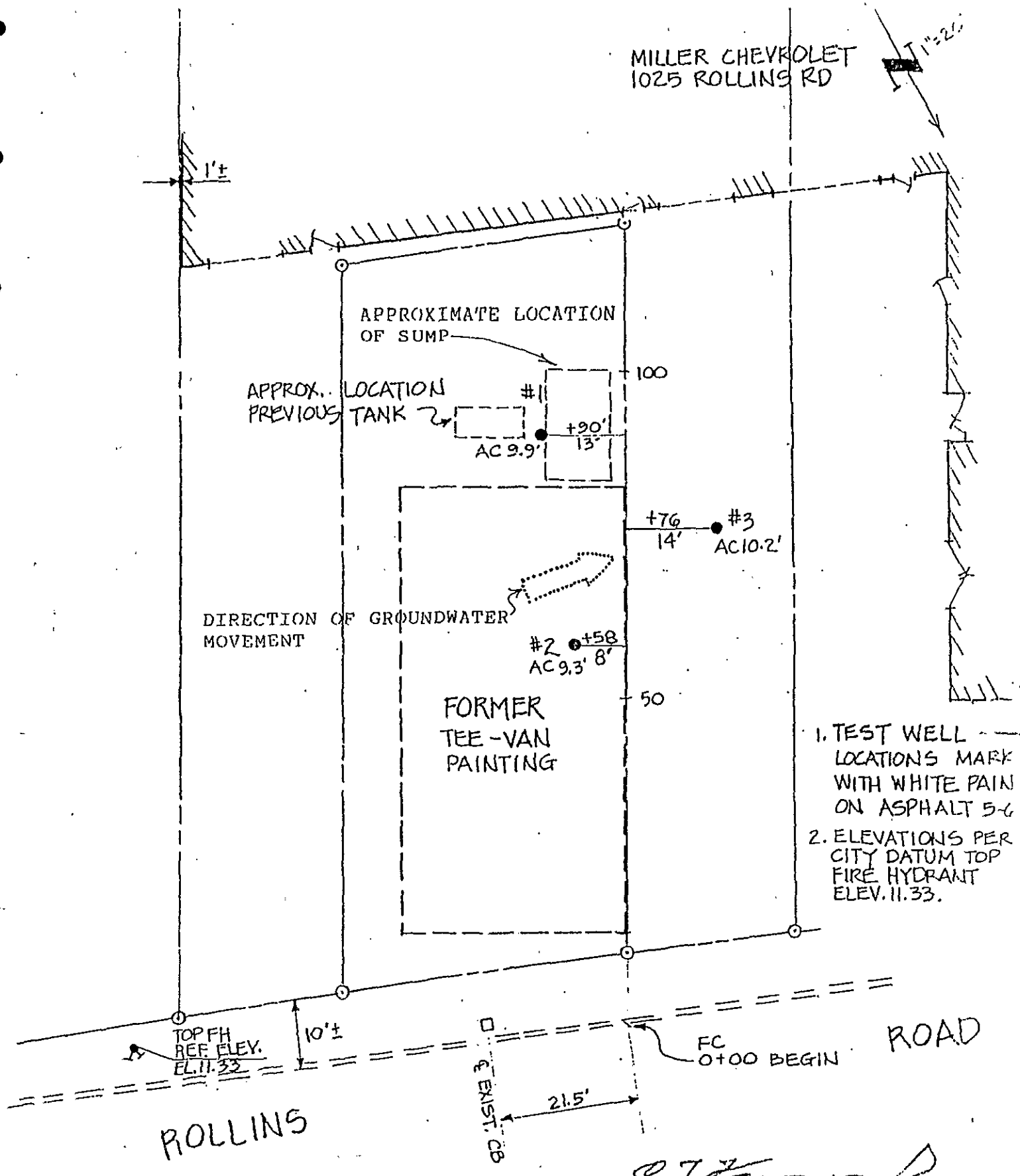
Scalf, M.R., McNabb, J.F., Dunlap, W.J., Cosby, R.S., Fryberger, J.S., 1981, Manual of Ground-Water Quality Sampling Procedures: U.S. Environmental Protection Agency (PB82-103045, EPA-600/2-81-160).



LOCATION MAP

Scale: 1" = 2,000'

PLATE 1



PLOT PLAN

Charles L. Kavanagh
RCE 20858
Exp 9-30-89

PLATE 2

APPR: CLK	**KAVANAGH ENGINEERING**	DWG.
BY:	708 CAROLAN AVE. BURLINGAME, CA. 94010 (415) 579-1944	SK-1
JOB: 8641	1019 Rollins Rd. Burlingame, Ca.	SCALE: 1" = 20
	TEST WELL LOCATIONS	

BORING LOG

BORING No.: B-1	DRILLING CONTRACTOR: Pitcher	DATE DRILLED: 5/7/86
ELEVATION: 9.9' (ref. el.)	TYPE OF RIG: Hollow-stem auger	TIME:
SURFACE: AC	HOLE DIAMETER: 6"	WEATHER: Clear
GROUNDWATER: 7.5'	HAMMER WEIGHT & FALL: 140 lb. 30"	LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE 2½" DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY INDEX
2" AC; 8" baserock Dark yellowish brown silty to sandy clay with rock fragments slight solvent odor; damp		5	28	CL FILL	10 YR 4/2							
Light bluish gray gravel to 3" in dia. (ss. rounded) White paint at 7½'; strong solvent odor		10	13	GP	5 B 7/1							
Moderate yellowish brown silty clay, occasional rock fragment; no solvent odor; firm; wet		15	23	CL	10 YR 5/5							
No solvent odor		20										
		25										
		30										
		35										

PLATE 3-A

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER

BORING No.: B-2
ELEVATION: 9.3 (ref. el.)
SURFACE: AC
GROUNDWATER: 7.2'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/7/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE 2½" DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I.
2" AC; 12" baserock Brown sandy to silty clay; no solvent odor; damp			FILL	CL	10 YR 5/5 to 5 YR 3/2							
Moderate yellowish brown silty clay, occasional rock fragment slight solvent odor at 8'; firm; wet		▼		CL	10 YR 5/5							
Grades sandy No solvent odor												
Light olive brown silty to sandy clay; firm; saturated; no solvent odor												
Grades sandy			39	CL to SC	5 Y 5/6							

5 10 15 20 25 30 35

PLATE 3-B

JOHN T O'ROURKE & ASSOCIATES

BORING LOG

BORING No.: B-3
ELEVATION: 10.2' (ref. el.)
SURFACE: AC
GROUNDWATER: 8'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/8/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY INDEX
2" AC; 8" baserock Moderate yellowish brown silty to sandy clay with occasional rock fragment; slight solvent odor above 8'; firm Grades sandy No solvent odor		5 10 15 20 25 30 35		CL CL	10 YR 5/5 to 5 Y 5/2							

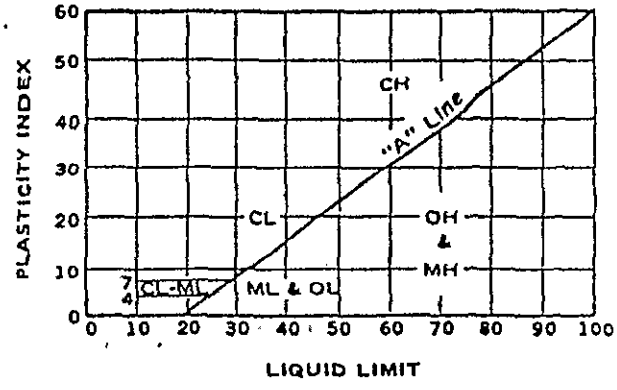
MAJOR DIVISIONS		SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than ½ of soil > no. 200 sieve size)	GRAVELS (More than ½ of coarse fraction > no. 4 sieve size)	GW	Well graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS (More than ½ of coarse fraction < no. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE GRAINED SOILS (More than ½ of soil < no. 200 sieve size)	SILTS & CLAYS LL < 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, lean clays
		OL	*Organic silts and organic silty clays of low plasticity*
	SILTS & CLAYS LL > 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 silty clays, organic silts
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils

CLASSIFICATION CHART

(Unified Soil Classification System)

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U.S. Standard Sieve Size	Grain Size In Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL	3" to No. 4	76.2 to 4.76
coarse	3" to ¾"	76.2 to 19.1
fine	¾" to No. 4	19.1 to 4.76
SAND	No. 4 to No. 200	4.76 to 0.074
coarse	No. 4 to No. 10	4.76 to 2.00
medium	No. 10 to No. 40	2.00 to 0.420
fine	No. 40 to No. 200	0.420 to 0.074
SILT & CLAY	Below No. 200	Below 0.074

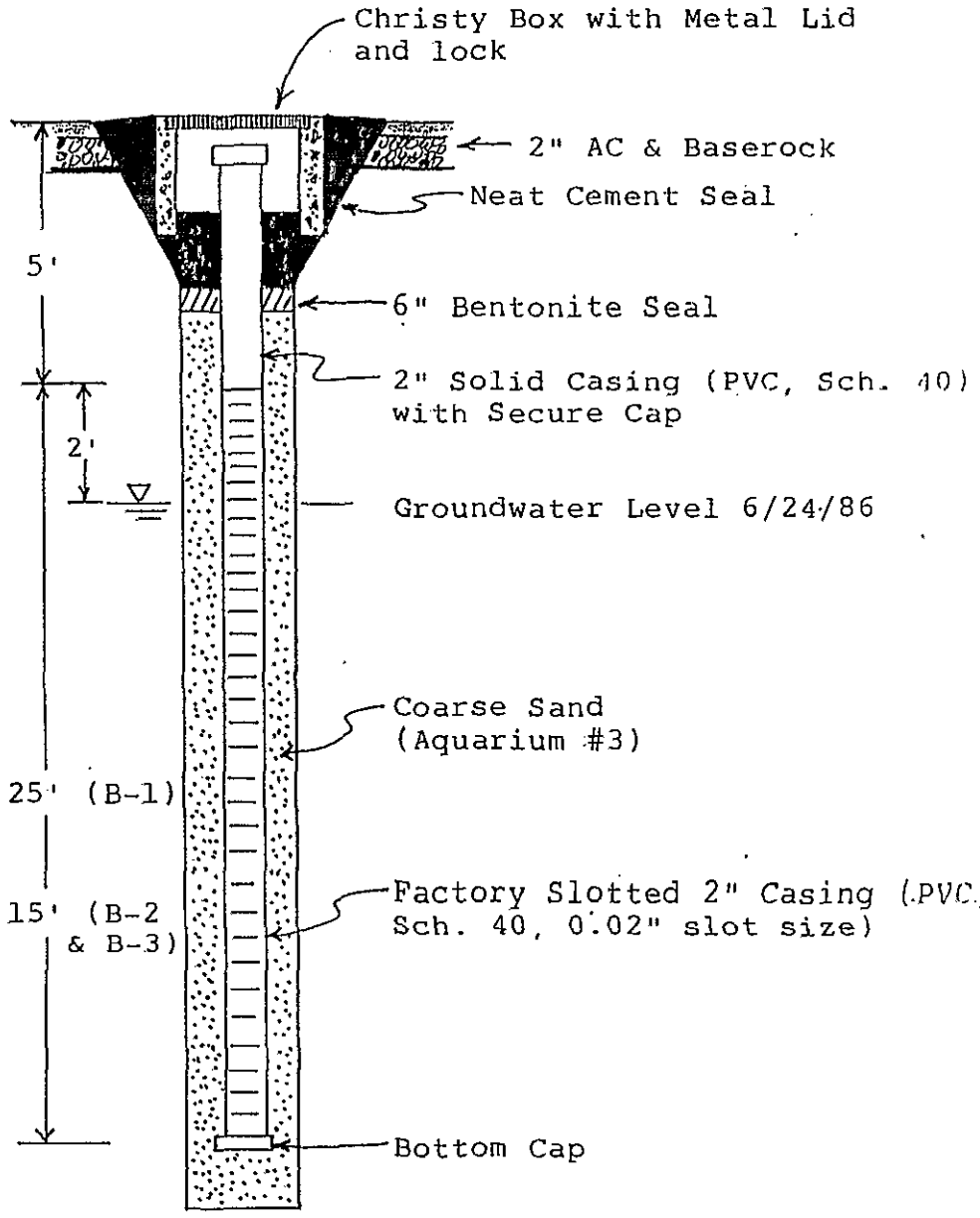
GRAIN SIZE CHART



PLASTICITY CHART

PLATE 4

METHOD OF SOIL CLASSIFICATION



MONITORING WELL CONSTRUCTION DETAIL

Not to scale

PLATE 5

APPENDIX A

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

January 27, 1986

Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Re: 1019 Rollins Road
Burlingame

Dear Mr. Molakidis:

As we have previously stated to the former owners of the above named property (Teevan Company), it will be necessary to monitor the quality of the shallow groundwater beneath the site. On November 13, 1985, contaminated soil was removed from a sump area, in accordance with County instructions. Monitoring wells must be installed in order to: 1) determine if the shallow groundwater has been impacted by the disposal of paints and solvents within the sump area, 2) monitor the attenuation of any contaminants in the shallow groundwater, and 3) determine if any contaminants in the shallow groundwater are migrating down-gradient of the sump area and potentially off-site.

It is our opinion that the monitoring of the shallow groundwater can best be addressed by the installation of a monitoring well within the sump area, and minimally two monitoring wells located down gradient. The approximate locations of the wells are shown on Exhibit A., and are based on our understanding that the existing building will be demolished and removed. The exact locations of the monitoring wells will be dependent upon site access, existing underground piping, and the recommendations of your field geologist or engineer. The required procedure for the installation of the monitoring wells is outlined in the attached letter to the Teevan Company, dated November 15, 1985.
* NOTE: Soil sampling and analysis is only required for the well in the middle of the sump area.

You have informed us that the underground tank located on the site will be abandoned. It will be necessary to obtain an abandonment permit from the County prior to removal of the tank. Due to the close proximity of the underground tank to the sump area there is a high probability that the tank backfill is contaminated with paint and solvents. Any contaminated material must be removed and disposed of properly. The presence of highly contaminated soils in the area of the underground tank may require the installation of an additional monitoring well.

If you have any questions please do not hesitate to contact me at 363-4356.

Very truly yours,

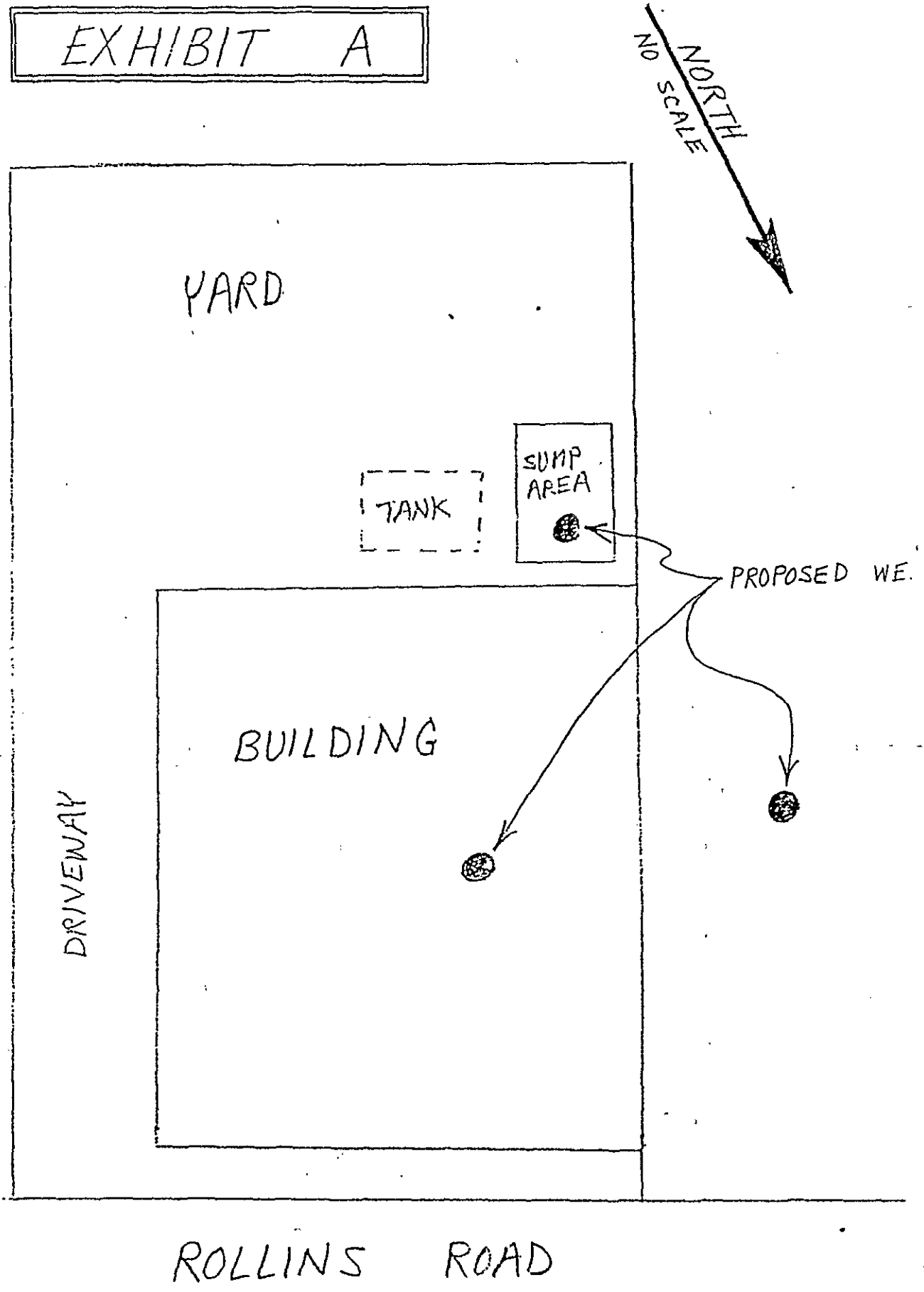
for

Gary Aguiar
Associate Civil Engineer

GA/kc

cc: Bill Lent, Public Health Chemist
Judy Henley, Principal Environmental Health Specialist

EXHIBIT A


NORTH
NO SCALE
YARD
SUMP AREA
TANK
PROPOSED WE.
BUILDING
DRIVEWAY
ROLLINS ROAD

Department of Health Servi
PUBLIC HEALTH DIVISION — Envi. .mental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO
JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

November 19, 1985

Kristine Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

Dear Kristine :

On November 13, 1985 William Lent and Gary Aguiar, from the Department of Health Services, conducted an inspection at 1019 Rollins Road, Burlingame. The inspection was conducted to assess the progress in the continuing clean-up being done at this site.

The primary concern of the Health Department is the sump area. Upon inspection it was determined that the contaminated soil was removed and the sump was filled and compacted with clean fill in accordance with our instructions.

Regarding the secondary clean-up area, the drainage gravel on the asphalt plus the contaminated soil was removed and disposed of properly by North State Environmental Services.

To satisfy the county's criteria for completion of this clean-up a monitoring well must be installed. In conjunction with this the soil and water samples must be analyzed for specified compounds. A separate letter will follow addressing the monitoring well guidelines, sampling and analysis requirements.

Thank you for your cooperation and concern in this matter.

Sincerely,

William Lent

William Lent
Public Health Chemist

WL:nt
cc: Judith Henley, Principal, Environmental Health Specialist

Department of Health Ser...
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO
JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

November 15, 1985

Kristine H. Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

RE: Installation of monitoring well at 1019 Rollins Road, Burlingame, CA

Dear Kristine:

The following is the required procedure for the installation and sampling of a monitoring well on the above mentioned site:

1) The well is to be installed in the middle of the sump area.

2) The bottom of the well should extend 3 feet into the bay mud. The well boring should be logged in the field by a registered civil engineer, registered engineering geologist, or registered geologist. The drafted log should be submitted to this office at the same time your lab analyses are submitted.

3) A drill rig equipped with hollow-stem augers will provide the most efficient drilling method at your site, in terms of both geologic logging and well installation. In any case, the inherent characteristics of a groundwater monitoring well requires that a "dry" drilling method be used.

4) The minimum casing diameter to be used is 2-inch I.D., however a 4-inch diameter well would be more advantageous, since it could serve as an extraction well if the necessity arises. The recommended material is schedule 40 PVC casing and slotted screen with flush-threaded couplings. No glues or solvents are to be used in the well construction. The slotted screen should extend from the bottom of the well to within 3 to 5 feet above the water table at high tide. The bottom of the well is to be fitted with a slip-cap.

5) The diameter of the boring should minimally provide for a 2-inch annular space. A 2-inch well casing would require a boring diameter of 6 inches, while a 4-inch casing would require an 8-inch boring diameter.

6. The annular space along the screened interval should be backfilled with clean Monterey Sand or equivalent.

7. Immediate placement of approximately 6 inches of bentonite pellets on top of the sand pack will ensure prompt isolation of the monitoring well from any surface contamination, as well as provide a barrier against migration of cement into the sand pack when the sanitary seal is placed.

8. A sanitary seal is to be placed from the top of the sand pack to the ground surface. The sealing material shall be one of the following:
1) Neat cement grout composed of one sack of Portland cement (94 pounds) to 4 1/2 to 6 1/2 gallons of clean water; or 2) Sand ceme grout composed of not more than two parts by weight of sand and one part of Portland cement to 4 1/2 to 6 1/2 gallons of clean water per sack of cement.

9. The well should be made vandal-proof, either with a steel conductor casing with locking top, or set in a meter box with a locking well cap.

10. Soil samples are to be taken below the bottom of the back-filled excavation at depths of 2 feet, 5 feet, and at 5-foot intervals until groundwater is encountered. A soil sample is to be taken immediately above the water table. Since the density of Methylene Chloride is greater than that of water, a soil sample should be taken at the top of the bay mud.

11. A groundwater sample should be collected by first removing 3 to 5 casing volumes of water from the well, using a clean teflon bailer. After rinsing the bailer with deionized water, a sample is withdrawn from the well for analysis.

12. Sample handling, transport, and storage should follow EPA protocol. Soil samples are to be analyzed for halogenated volatile organics according to EPA methods 5030 and 8010. Water samples are to be analyzed for halogenated volatile organics according to EPA method 601. Soil samples should also be analyzed for mercury by E.P.A. method A.A. flameless assay A I H A J, 37,311,1976.

If you have any questions, please call me at 363-4356.

Sincerely,

Gary Aguiar

Gary Aguiar
Associate Civil Engineer

GA:nt
cc: Judy Henley, Principal Environmental Health Specialist
Bill Lent, Public Health Chemist

APPENDIX B

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number

6050423

Sample Description

1019 Rollins - Burlingame
Soil, B-1, 4½ feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS

results in ppb

Acrolein	-		trans-1,2-Dichloroethene	<	50
Acrylonitrile	-		1,2-Dichloropropane	<	50
Benzene	-		1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene	-	
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene	<	50
Chlorobenzene	-		1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene	-	
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number
6050422

Sample Description
1019 Rollins - Burlingame
Soil, B-1, 7 feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	-		trans-1,2-Dichloroethene	<	50
Acrylonitrile	-		1,2-Dichloropropane	<	50
Benzene	-		1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene		-
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene		87
Chlorobenzene	-		1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene		-
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number: 6050424

Sample Description: 1019 Rollins - Burlingame
Soil, B-1, 16 feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	-		trans-1,2-Dichloroethene	<	50
Acrylonitrile	-		1,2-Dichloropropane	<	50
Benzene	-		1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene	-	
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene	<	50
Chlorobenzene	-		1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene	-	
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road,
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number: 6050425

Sample Description: 1019 Rollins – Burlingame
Soil, B-2, 31 feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	–		trans-1,2-Dichloroethene	<	50
Acrylonitrile	–		1,2-Dichloropropane	<	50
Benzene	–		1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene	–	
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene	<	50
Chlorobenzene	–		1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene	–	
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Reported: 06/13/86

Sample Number	Sample Description
6050422	1019 Rollins - Burlingame Soil, B-1, 7 feet

ANALYSIS

Lead, mg/kg-wet wt.	120
Total Hydrocarbons, ppm	
Mineral Spirits	220

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Reported: 06/13/86

Sample Number	Sample Description 1019 Rollins - Burlingame Soil Samples	Mercury mg/kg-wet wt.
6050422	B-1-7 feet	200
6050423	B-1-4½ feet	96
6050424	B-1-16 feet	160
6050425	B-2-31 feet	0.4

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Extracted: 06/03/86
Date Reported: 06/13/86

Sample Number

6050999

Sample Description

1019 Rollins - Burlingame
Well #1

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.
Acrylonitrile	<100	1,2-Dichloropropane	< 0.
Benzene	–	1,3-Dichloropropene	< 0.
Bromomethane	< 0.5	Ethylbenzene	–
Bromodichloromethane	< 0.5	Methylene chloride	< 0.
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.
Chlorobenzene	–	1,1,1-Trichloroethane	< 0.
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.
Chloroform	< 0.5	Toluene	–
Chloromethane	< 0.5	Vinyl chloride	< 0.
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Reported: 06/13/86

Sample Number	Sample Description
6050999	1019 Rollins - Burlingame Well #1

ANALYSIS

Cadmium, mg/L	< 0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	0.001
Nickel, mg/L	< 0.05
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Total Hydrocarbons, ppm	< 1*

* NOTE: Analysis was performed using EPA method 3510.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Extracted: 06/03/86
Date Reported: 06/13/86

Sample Number: 6051000

Sample Description: 1019 Rollins - Burlingame Well #2

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	-	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	-
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	-	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	-
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Reported: 06/13/86

Sample Number	Sample Description
6051000	1019 Rollins - Burlingame Well #2

ANALYSIS

Cadmium, mg/L	< 0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	< 0.05
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Total Hydrocarbons, ppm	< 1*

* NOTE: Analysis was performed using EPA method 3510.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Extracted: 06/03/86
Date Reported: 06/13/86

Sample Number: 6051001

Sample Description: 1019 Rollins - Burlingame Well #3

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	-	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	-
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	-	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	-
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

..sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Reported: 06/13/86

Sample Number	Sample Description
6051001	1019 Rollins - Burlingame Well #3

ANALYSIS

Cadmium, mg/L	< 0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	< 0.05
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Total Hydrocarbons, ppm	< 1*

* NOTE: Analysis was performed using EPA method 3510.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

JOHN T. O'ROURKE & ASSOCIATES

DECEMBER 22, 1986

ACCUTITE

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER
450 SAN ANTONIO RD., SUITE 25 • PALO ALTO, CA 94306 • (415) 961-8307

December 22, 1986
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Dear Mr. Molakidis:

Subject: GROUNDWATER ANALYSIS
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Presented herein are the results of the December 2, 1986 groundwater analysis at the three existing monitoring wells located at the former Teevan Painting Company site. The monitoring wells were installed on May 7, 1986 in the vicinity of a paint disposal sump and a former underground gasoline storage tank and paint thinner tank at the locations shown on the attached Plot Plan. The site conditions were described in our June 25, 1986 report titled: "Subsurface Investigation Soil and Groundwater, 1019 Rollins Road, Burlingame, California".

The analysis, undertaken to meet the requirements of the County of San Mateo Department of Environmental Health, as outlined in their letter of July 21, 1986.

The following groundwater levels were measured on December 2, 1986, prior to sampling:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:23 AM	8.1 feet	1.8 feet
2	1:20 PM	7.3 feet	2.0 feet
3	11:53 AM	8.2 feet	2.0 feet

Groundwater samples were obtained by purging each well of approximately 100 gallons of water using a nitrogen-activated bladder pump (ISCO Model 2600). After purging, a groundwater sample was taken with a teflon hand bailer that was cleaned between sampling with distilled water. Samples were collected in pre-cleaned glass vials (40 ml.) fitted with teflon caps. The filled 40 ml. viles were placed inside a larger glass bottle. Groundwater samples, to be tested for heavy metals, were collected in laboratory prepared, acid-treated, one liter plastic bottles. All of the samples were placed on ice and transported to the laboratory on the day of their collection.

Groundwater samples from each monitoring well, and a "travel blank" were analyzed by Sequoia Analytical Laboratory in Redwood City, California. The samples were analyzed for priority pollutants, volatile organic compounds (EPA Method 601), total hydrocarbons (waste oil), cadmium, copper, lead, mercury, nickel, zinc, and titanium (EPA Method 3510). The results of the analysis, presented as an Appendix to this letter, indicates that there is no major contamination of the groundwater at this site.

To date, there has not been any significant rainfall, and groundwater levels are similiar to those measured on June 24, 1986.

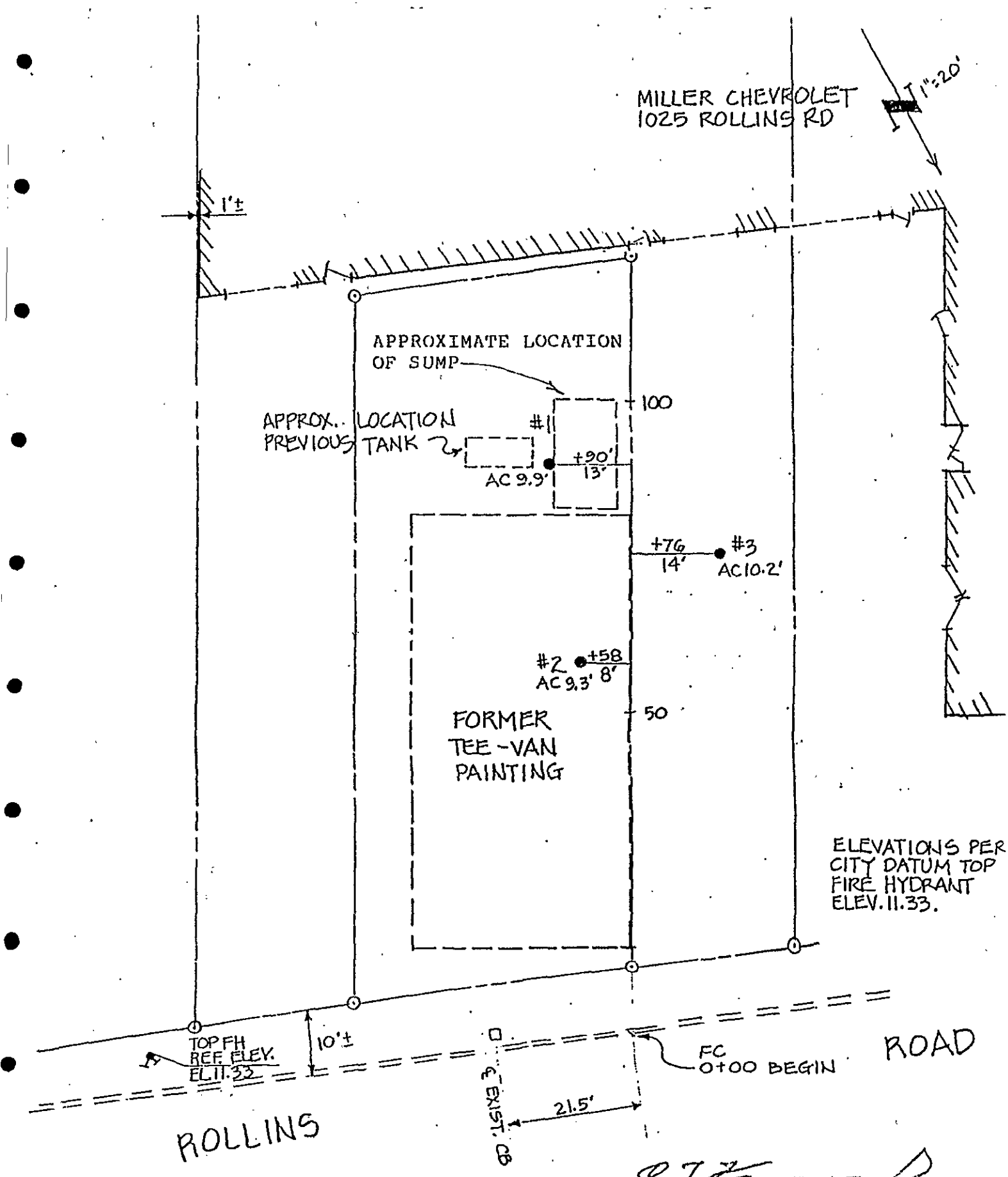
We have enjoyed working with you on this project. If you have any questions please do not hesitate to call.

Very truly yours,
JOHN T. O'ROURKE & ASSOCIATES

John T. O'Rourke

John T. O'Rourke, CEG 419
Principal

JO'R/jod.
3 copies submitted



PLOT PLAN

C. J.

Charles L. Kavanagh
RCE 20858
EXP 9-30-89

APPR: CLK	**KAVANAGH ENGINEERING**	DWG.
BY: cad	708 CAROLAN AVE. BURLINGAME, CA. 94010 (415) 579-1944	**SK-1**
JOB: 2641	1019 Rollins Rd. Burlingame, Ca.	SCALE: 1" = 20
	TEST WELL LOCATIONS	

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450. San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number
6120109

Sample Description
1019 Rollins Rd. in Burlingame, Well #1 - Water Sample

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene		1.9
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform	<	0.5	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number
6120109

Sample Description
1019 Rollins Rd. in Burlingame, Well #1 - Water Sample

ANALYSIS

Cadmium, mg/L	0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	0.07
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Waste Oil, ppm	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number
6120109

Sample Description
1019 Rollins Rd. in Burlingame, Well #1 - Water Sample

ANALYSIS

	Detection Limit ppb	Sample Results ppb
Total Hydrocarbons	50	< 50
Benzene	0.5	< 0.5
Toluene	0.5	< 0.5
Xylenes	0.5	< 0.5

NOTE: Analysis was performed using EPA method 602.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number
6120110

Sample Description
1019 Rollins Rd. in Burlingame, Well #2 - Water Sample

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	0.5
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform	<	0.5	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120110	1019 Rollins Rd. in Burlingame, Well #2 - Water Sample

ANALYSIS

Cadmium, mg/L	0.02
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	0.21
Zinc, mg/L	0.05
Titanium, mg/L	< 0.1
Waste Oil, ppm	18

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120110	1019 Rollins Rd. in Burlingame, Well #2 - Water Sample

ANALYSIS

	Detection Limit ppb	Sample Results ppb
Total Hydrocarbons	50	< 50
Benzene	0.5	< 0.5
Toluene	0.5	< 0.5
Xylenes	0.5	< 0.5

NOTE: Analysis was performed using EPA method 602.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number
6120111

Sample Description
1019 Rollins Rd. in Burlingame, Well #3 - Water Sample

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	0.5
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform		0.54	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120111	1019 Rollins Rd. in Burlingame, Well #3 - Water Sample

ANALYSIS

Cadmium, mg/L	0.03
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	0.15
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Waste Oil, ppm	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number
6120111

Sample Description
1019 Rollins Rd. in Burlingame, Well #3 - Water Sample

ANALYSIS

	Detection Limit ppb	Sample Results ppb
Total Hydrocarbons	50	< 50
Benzene	0.5	< 0.5
Toluene	0.5	< 0.5
Xylenes	0.5	< 0.5

NOTE: Analysis was performed using EPA method 602.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: -
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number
6120116

Sample Description
1019 Rollins Rd. in Burlingame - Travel Blank

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	0.5
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform	<	0.5	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

JOHN T. O'ROURKE & ASSOCIATES

MAY 28, 1987

ACCUTITE

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER
450 SAN ANTONIO RD., SUITE 25 • PALO ALTO, CA 94306 • (415) 961-8387

May 28, 1987
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Dear Mr. Molakidis,

Subject: Groundwater Analysis
1019 Rollins Road
Burlingame, California

Presented herein are the results of the May 1, 1987 groundwater analysis of the existing monitoring wells located at the former Teevan Painting Company site in Burlingame, California. Three monitoring wells were installed on May 7, 1986 in the vicinity of a paint disposal sump and former underground gasoline storage and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in our June 25, 1986 report titled: "Subsurface Investigation Soil and Groundwater, 1019 Rollins Road, Burlingame, California". A subsequent analysis of the groundwater was performed on December 2, 1986.

The following groundwater levels were measured on May 1, 1987, prior to sampling:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:30 AM	7.5 feet	2.4 feet
2	11:30 AM	7.1 feet	2.2 feet
3	9:30 AM	7.9 feet	2.0 feet

Groundwater samples were obtained by purging each well of approximately 100 gallons of water using a nitrogen-activated bladder pump (ISCO Model 2600). After purging, a groundwater sample was taken with a teflon hand bailer that was cleaned between sampling with distilled water. Samples were collected in pre-cleaned glass vials (40 ml.) fitted with teflon caps. The filled 40 ml. vials were placed inside a larger glass bottle which was placed in a cooler with ice. Groundwater samples, to be tested for cadmium, were collected in laboratory prepared, acid-treated, one liter plastic bottle. The water samples were transported to the testing laboratory on the day of their collection.

Groundwater from each monitoring well, and a "travel blank" were analyzed by Sequoia Analytical Laboratory in Redwood City, California. The samples were analyzed for priority pollutants, volatile organic compounds by EPA Methods 601 and 602, cadmium, and oil/grease.

The results of the analysis, presented as an Appendix to this letter, indicates that there is no contamination of the groundwater at this site.

We have enjoyed working with you on this project. If you have any questions please do not hesitate to call.

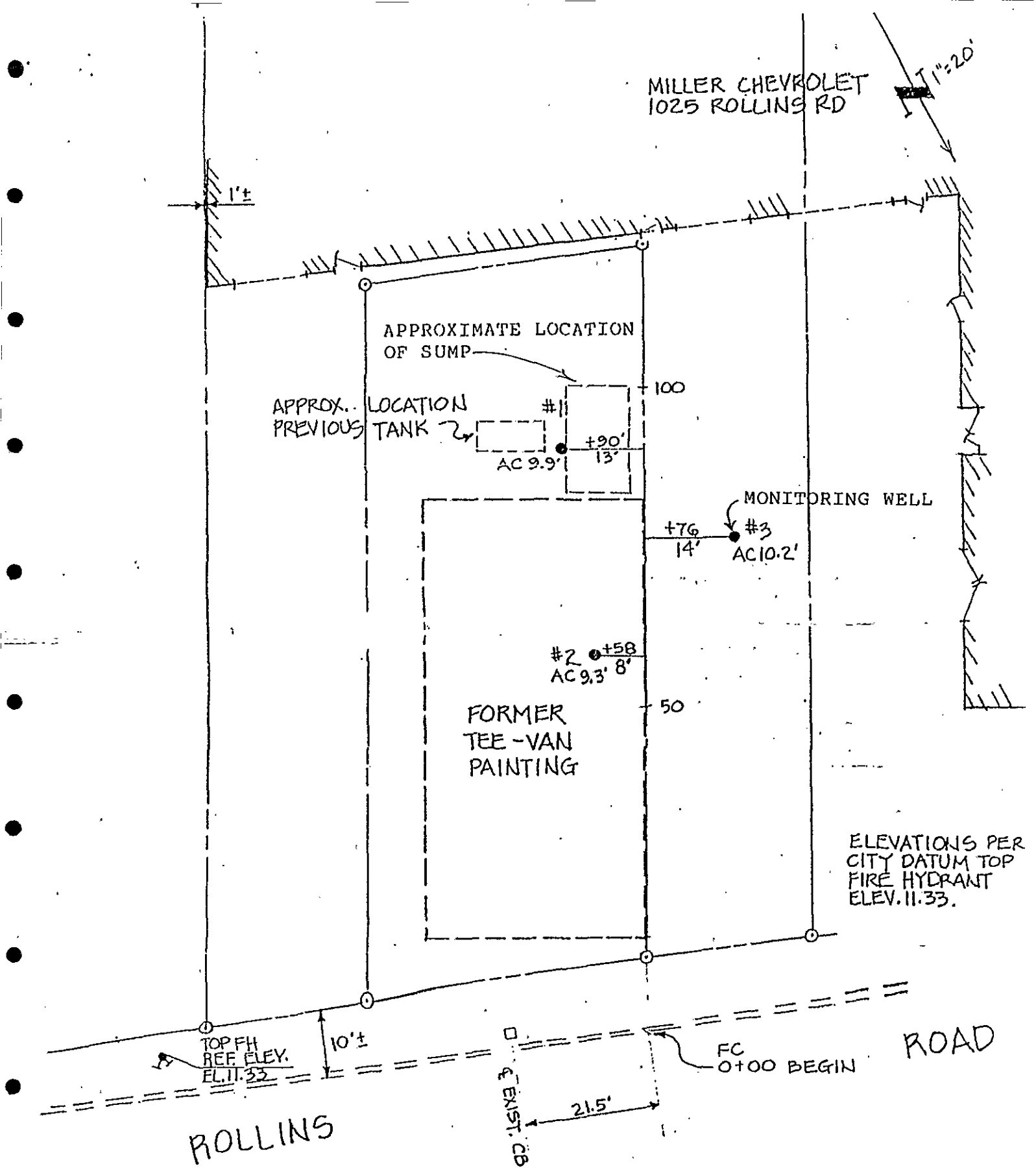
Very truly yours,
JOHN T. O'ROURKE & ASSOCIATES

John T. O'Rourke

John T. O'Rourke, CEG 419
Principal

JO'R/jod.
3 copies submitted

Attached: Plot Plan
Appendix: Chemical Analysis


MILLER CHEVROLET
1025 ROLLINS RD
1"=20'
1'±
APPROXIMATE LOCATION
OF SUMP
100
APPROX. LOCATION
PREVIOUS TANK #1
AC 9.9'
+90'
13'
MONITORING WELL
+76
14'
#3
AC 10.2'
#2
AC 9.3'
+58
8'
50
FORMER
TEE-VAN
PAINTING
ELEVATIONS PER
CITY DATUM TOP
FIRE HYDRANT
ELEV. 11.33.
TOP FH
REF. ELEV.
EL. 11.33
10'±
FC
0+00 BEGIN
ROAD
ROLLINS
℄ EXIST. CB
21.5'

PLOT PLAN

APPENDIX

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number
7050010

Sample Description
Water Well #1

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050010	Water Well #1

ANALYSIS

Cadmium, mg/L	< 0.01
Oil & Grease, mg/L	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050011	Water Well #2

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050011	Water Well #2

ANALYSIS

Cadmium, mg/L	< 0.01
Oil & Grease, mg/L	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050012	Water Well #3

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050012	Water Well #3

ANALYSIS

Cadmium, mg/L	0.01
Oil & Grease, mg/L	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: ---
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050013	Travel Blank

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS

results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

HYDRO-GEO CONSULTANTS, INC.

JANUARY, 1990

ACCUTITE

GROUNDWATER MONITORING
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Project 198-A

Prepared for:

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

By:

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25
Palo Alto, California 94306

January, 1990

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

January 15, 1990
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the December 14, 1989 groundwater analysis of the existing 3 monitoring wells at the captioned site, as you verbally authorized.

Three monitoring wells were installed at this site on May 7, 1986, in the vicinity of a paint disposal sump and former underground gasoline and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in the report by John T. O'Rourke & Associates titled "Subsurface Investigation, Soil and Groundwater Conditions, 1019 Rollins Road, Burlingame, California", dated June 25, 1986. The groundwater in the monitoring wells was subsequently analyzed on December 2, 1986 and May 1, 1987.

After purging the wells of 4 well volumes of water, a groundwater sample was obtained, using a teflon hand bailer that was cleaned between sampling with distilled water. Groundwater samples were collected in pre-cleaned sample bottles provided by the testing laboratory; 5 samples were obtained from each well. The groundwater samples were placed on ice and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are presented in Appendix A.

The site is located near San Francisco Bay, and groundwater levels appear to be influenced by tidal fluctuations. A high tide of approximately 5.1 feet occurred at 12:40 PM in the vicinity of the site, on the day the samples were collected.

The groundwater conditions in the monitoring wells on December 14, 1989, prior to sampling, were as follows:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:15 AM	8.0 feet	1.9 feet
2	11:45 AM	7.4 feet	2.5 feet
3	11:00 AM	8.2 feet	2.0 feet

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	Well #1	Well #2	Well #3	EPA	STLC
Chromium	100	150	98	50	5000
Copper	310	100	110	100	25000
Lead	110	150	32	50	5000
Mercury	-	2.5	-	2	200
Nickel	440	570	340	-	20000
Selenium	110	110	38	10	1000
Zinc	840	290	320	500	250000

In addition, the following contaminants were noted in Monitoring Well #1; the maximum EPA limits for these contaminants in water supplies is also shown:

Total 1,2-Dichloroethene = 12 ug/l	(Not Available)
Benzene = 0.99 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 1.9 ug/l	(EPA = 680 ug/l)
Xylene = 1.8 ug/l	(EPA = 1750 ug/l)

The heavy metals in the groundwater at this site are above that required by EPA drinking water standards. However, the contaminants are considerably below the Department of Health Service's hazardous waste levels. It should be noted that the groundwater in this area is saline and not used for drinking purposes.

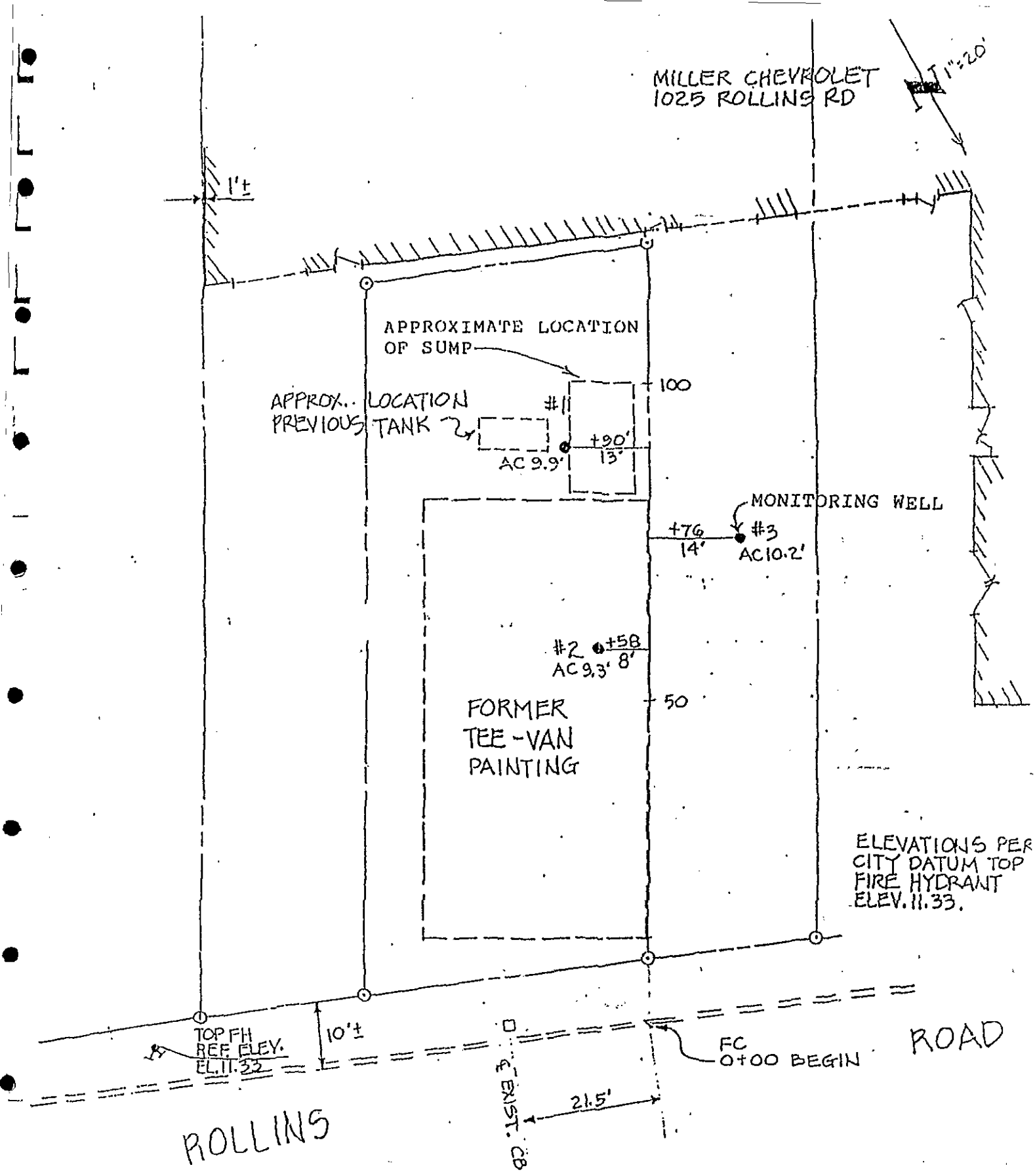
We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Plot Plan
Chain of Custody Report
Appendix A: Chemical Analysis


MILLER CHEVROLET
1025 ROLLINS RD
1"=20'
1'±
APPROXIMATE LOCATION
OF SUMP
100
APPROX.. LOCATION
PREVIOUS TANK
#1
+90'
13'
AC 9.9'
MONITORING WELL
+76
14'
#3
AC 10.2'
#2
+58
8'
AC 9.3'
50
FORMER
TEE-VAN
PAINTING
ELEVATIONS PER
CITY DATUM TOP
FIRE HYDRANT
ELEV. 11.33.
TOP FH
REF ELEV.
EL. 11.33
10'±
FC
0+00 BEGIN
ROAD
ROLLINS
EXIST. CB
21.5'

PLOT PLAN

APPENDIX A
CHEMICAL ANALYSIS

SEQUOIA ANALYTICAL
State-Certified Laboratory for Analysis of Water, Soil, and Hazardous Materials

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS

ADDRESS: 450 SAN ANTONIO RD #25
PALO ALTO, CA 94306

PHONE: (415) 961-8387

PROJECT NAME/SITE: 198-A
1019 ROLLINS RD, BURLINGAME

SAMPLER: JOHN T. O'ROURKE

DATE: 12/14/89

REPORT TO: HYDRO-GEO
450 SAN ANTONIO #25
PALO ALTO, CA 94306

BILLING TO: "

TURNAROUND TIME: 8 HR. | 24 HR. | 48 HR. | 72 HR. | 5 DAY | 10 DAY | 15 DAY ✓

PO#/BILLING REFERENCE:

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: Volatile Organics 8010-502.2	Priority Pollutant METALS	Oil/Grease	REMARKS	SAMPLE NUMBER
Well #1		5	1 metal 1 oil/2 VOA		✓	✓	✓		
Well #2		5			✓	✓	✓		
Well #3		5			✓	✓	✓		

RELINQUISHED BY: John T. O'Rourke — DATE: 12/14/89 — TIME: 1:00 pm

RELINQUISHED BY: — DATE: — TIME:

RELINQUISHED BY: — DATE: 12/14/89 — TIME: 1300

RECEIVED BY:

RECEIVED BY:

RECEIVED IN LAB BY: Brenda Oh

TRAVEL TIME:

ON SITE TIME:

OTHER:

	YES	NO
WERE SAMPLES: PRESERVED ?	✓	
IN GOOD CONDITION?	✓	

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Dec 14, 1989
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	912-3242 A	Reported:	Jan 11, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500.0	N.D.
Arsenic	10.0	N.D.
Beryllium	10.0	N.D.
Cadmium	10.0	N.D.
Chromium	5.0	100
Copper	10.0	310
Lead	5.0	110
Mercury	1.0	N.D.
Nickel	50.0	440
Selenium	10.0	110
Silver	10.0	N.D.
Thallium	500.0	N.D.
Zinc	10.0	840

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Dec 14, 1989
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	912-3243 A	Reported:	Jan 11, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500.0	N.D.
Arsenic	10.0	N.D.
Beryllium	10.0	N.D.
Cadmium	10.0	N.D.
Chromium	5.0	150
Copper	10.0	100
Lead	5.0	150
Mercury	1.0	2.5
Nickel	50.0	570
Selenium	10.0	110
Silver	10.0	N.D.
Thallium	500.0	N.D.
Zinc	10.0	290

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Dec 14, 1989
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	912-3244 A	Reported:	Jan 11, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500.0	N.D.
Arsenic	10.0	N.D.
Beryllium	10.0	N.D.
Cadmium	10.0	N.D.
Chromium	5.0	98
Copper	10.0	110
Lead	5.0	32
Mercury	1.0	N.D.
Nickel	50.0	240
Selenium	10.0	28
Silver	10.0	N.D.
Thallium	500.0	N.D.
Zinc	10.0	320

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Matrix Descript:	Water	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 418.1 (I.R. with clean-up)		
Attention: John O'Rourke	First Sample #:	912-3242 B		
			Reported:	Jan 11, 1990

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
9123242 B	Well #1	N.D.
9123243 B	Well #2	N.D.
9123244 B	Well #3	N.D.

Detection Limits:	1.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3242 D - E	Reported:	Jan 11, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	0.5	N.D.
Dibromochloromethane	0.5	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	12
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3243 D - E	Reported:	Jan 11, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	0.5	N.D.
Dibromochloromethane	0.5	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3244 D - E	Reported:	Jan 11, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	0.5	N.D.
Dibromochloromethane	0.5	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3242 D - E	Reported:	Jan 11, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.5	0.99
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.5	1.9
Toluene	0.5	N.D.
Xylene	0.5	1.8

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

9123242.HYG <8>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3243 D - E	Reported:	Jan 11, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.5	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.5	N.D.
Toluene	0.5	N.D.
Xylene	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3244 D - E	Reported:	Jan 11, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.5	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.5	N.D.
Toluene	0.5	N.D.
Xylene	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

9123242.HYG <10>

HYDRO-GEO CONSULTANTS, INC.

APRIL 1990

ACCUTITE

GROUNDWATER MONITORING
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Project 198-A

Prepared for:

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

By:

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25
Palo Alto, California 94306

APRIL, 1990

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

April 27, 1990
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the March 14, 1990 groundwater analysis of the existing 3 monitoring wells at the captioned site, as you verbally authorized.

Three monitoring wells were installed at this site on May 7, 1986, in the vicinity of a paint disposal sump and former underground gasoline and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in the report by John T. O'Rourke & Associates titled "Subsurface Investigation, Soil and Groundwater Conditions, 1019 Rollins Road, Burlingame, California", dated June 25, 1986. The groundwater in the monitoring wells was subsequently analyzed on December 2, 1986 and May 1, 1987.

After purging the wells of 4 well volumes of water, a groundwater sample was obtained, using a teflon hand bailer that was cleaned between sampling with distilled water. Groundwater samples were collected in pre-cleaned sample bottles provided by the testing laboratory; 5 samples were obtained from each well. The groundwater samples were placed on ice and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are presented in Appendix A.

The site is located near San Francisco Bay, and groundwater levels appear to be influenced by tidal fluctuations.

The groundwater conditions in the monitoring wells on March 14, 1990, prior to sampling, were as follows:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:15 AM	7.9 feet	2.0 feet
2	10:50 AM	7.3 feet	2.6 feet
3	11:00 AM	8.2 feet	2.0 feet

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	**Well #1**	**Well #2**	**Well #3**	**EPA**	**STLC**
Chromium	1,200	900	760	50	5,000
Copper	390	230	260	100	25,000
Lead	190	140	69	50	5,000
Mercury	190	6.4	4	2	200
Nickel	1,900	2,000	1,700	-	20,000
Selenium	-	-	-	10	1,000
Zinc	850	450	560	500	250,000

In addition, the following contaminants were noted in Monitoring Well #1, which is located in the old paint sump; the maximum EPA limits for these contaminants in water supplies are also shown:

Total 1,2-Dichloroethene = 16 ug/l	(Not Available)
Benzene = 8.6 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 12 ug/l	(EPA = 680 ug/l)
Xylene = 6.7 ug/l	(EPA = 1750 ug/l)

The heavy metals in the groundwater at this site are above that required by EPA drinking water standards. However, the contaminants are below the Department of Health Service's hazardous waste levels (STLC).

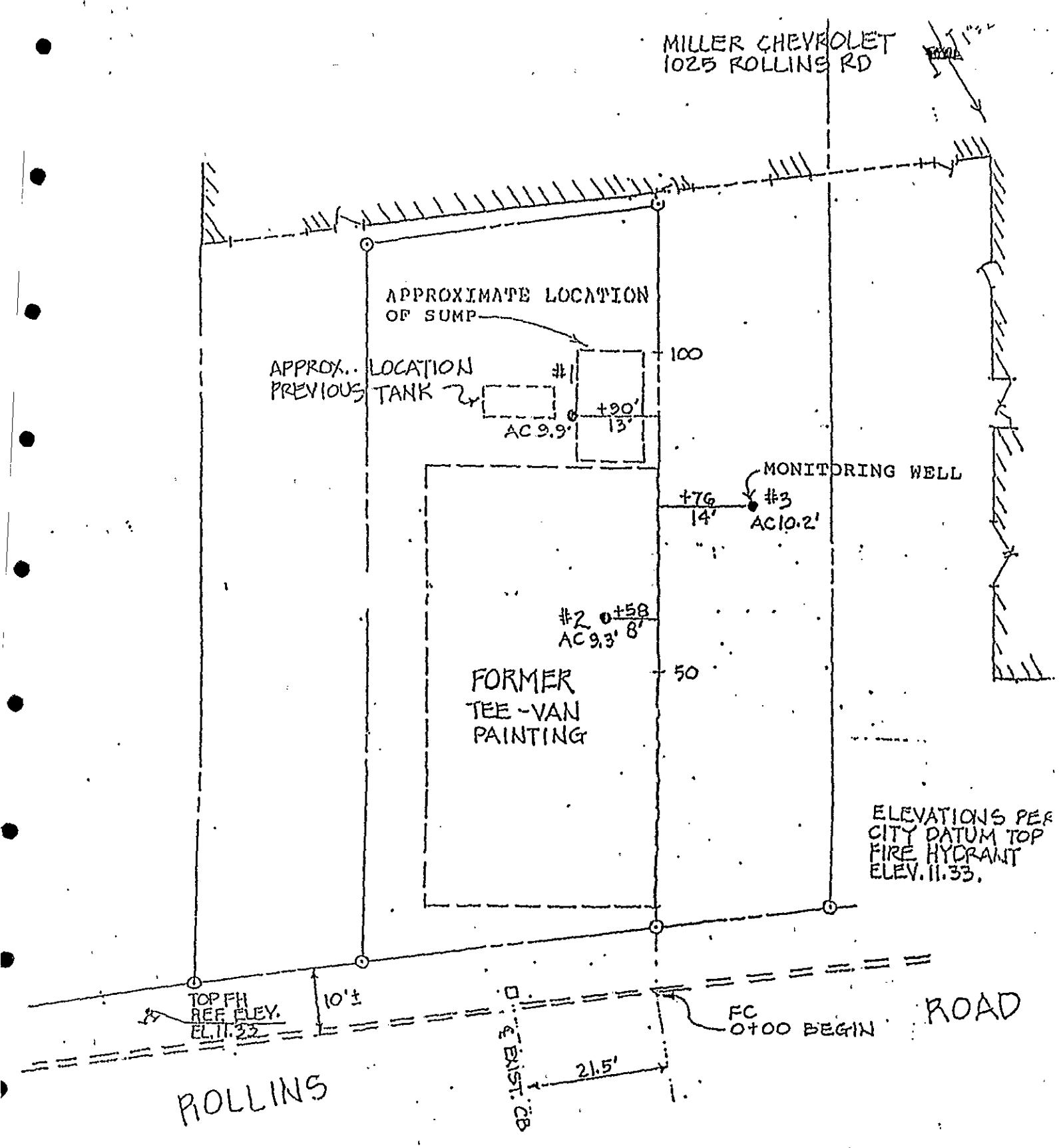
We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Plot Plan
Chain of Custody Report
Appendix A: Chemical Analysis



PLOT PLAN

HYDRO GEO CONSULTANTS INC

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS

ADDRESS: 450 SAN ANTONIO RD #25
PALO ALTO, CA 94306

PHONE: (415) 961-2387

PROJECT NAME/SITE: 198-A
1019 ROLLINS, BURLINGAME, CA

SAMPLER: J. O'R

DATE: 3/14/90

REPORT TO:

BILLING TO:

TURNAROUND TIME:

				8 HR.	
24 HR.		48 HR.		72 HR.	
5 DAY		10 DAY		15 DAY	✓

PO#/BILLING REFERENCE:

ANALYSIS REQUESTED

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	PRIORITY METALS	EPA 418.1	EPA 8010	EPA 8020						REMARKS	SAMPLE NUMBER
W-1	WATER	6			✓	✓	✓	✓							
W-2	"	6			✓	✓	✓	✓							
W-3	"	6			✓	✓	✓	✓							

RELINQUISHED BY: John T. O'Rourke	DATE 3/14/90	TIME: 12:25	RECEIVED BY:	TRAVEL TIME: ON SITE TIME:
RELINQUISHED BY:	DATE	TIME:	RECEIVED BY:	OTHER:
RELINQUISHED BY:	DATE	TIME:	RECEIVED IN LAB BY: 3/14/90 12:30 Vicki A. Herrera	

	YES	NO
WERE SAMPLES:		
PRESERVED ?		
IN GOOD CONDITION?	X	

APPENDIX A

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Matrix Descript:	Water	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 418.1 (I.R. with clean-up)		
Attention: John O'Rourke	First Sample #:	003-1854 C	Analyzed:	Mar 29, 1990
			Reported:	Apr 3, 1990

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
0031854 C	W-1	N.D.
0031855 C	W-2	N.D.
0031856 C	W-3	N.D.

Detection Limits:	1.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Burlingame	Sampled:	Apr 16, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Apr 16, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	004-2157	Reported:	Apr 25, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	32
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	1,200
Copper	10	390
Lead	5.0	190
Mercury	0.20	190
Nickel	50	1,900
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	850

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-1	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1854 D - F	Reported:	Apr 3, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	16
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-1	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1854 B	Reported:	Apr 3, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	8.6
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.50	12
Toluene	0.50	N.D.
Xylene	0.50	6.7

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-2	Received:	Mar 14, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	003-1855 A	Reported:	Apr 3, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	N.D.
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	300
Copper	10	230
Lead	5.0	1130
Mercury	1.0	5.1
Nickel	40	2,000
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	450

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-2	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1855 D - F	Reported:	Apr 3, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-2	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1855 B	Reported:	Apr 3, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.50	N.D.
Toluene	0.50	N.D.
Xylene	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled: Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-3	Received: Mar 14, 1990
Palo Alto, CA 94306			
Attention: John O'Rourke	Lab Number:	003-1856 A	Reported: Apr 3, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	N.D.
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	110
Copper	10	260
Lead	5.0	65
Mercury	1.0	2.0
Nickel	50	1,300
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	560

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-3	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1856 D - F	Reported:	Apr 3, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	1.0
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled: Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-3	Received: Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed: Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1856 B	Reported: Apr 3, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.50	N.D.
Toluene	0.50	N.D.
Xylene	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

HYDRO-GEO CONSULTANTS, INC.

JULY, 1990

ACCUTITE

GROUNDWATER MONITORING
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Project 198-A

Prepared for:

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

By:

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25
Palo Alto, California 94306

JULY, 1990

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

July 3, 1990
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the June 11, 1990 groundwater analysis of the existing 3 monitoring wells at the captioned site, as you verbally authorized.

Three monitoring wells were installed at this site on May 7, 1986, in the vicinity of a paint disposal sump and former underground gasoline and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in the report by John T. O'Rourke & Associates titled "Subsurface Investigation, Soil and Groundwater Conditions, 1019 Rollins Road, Burlingame, California", dated June 25, 1986. The groundwater in the monitoring wells was subsequently analyzed on December 2, 1986, May 1, 1987, December 14, 1989, and March 14, 1990.

After purging the wells of 4 well volumes of water, a groundwater sample was obtained, using a teflon hand bailer that was cleaned between sampling with distilled water. Groundwater samples were collected in pre-cleaned sample bottles provided by the testing laboratory; 5 samples were obtained from each well. The groundwater samples were placed on ice and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for Total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are presented in Appendix A.

The site is located near San Francisco Bay, and groundwater levels appear to be influenced by tidal fluctuations.

The groundwater conditions in the monitoring wells on June 11, 1990, prior to sampling, were as follows:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:50 AM	7.7 feet	2.2 feet
2	11:15 AM	7.3 feet	2.0 feet
3	10:20 AM	8.0 feet	2.2 feet

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	**Well #1**	**Well #2**	**Well #3**	**EPA**	**STLC**
Arsenic	20	45	22	50	500
Chromium	360	830	470	50	5,000
Copper	130	260	220	100	25,000
Lead	390	210	180	50	5,000
Mercury	250	3.7	2.8	2	200
Nickel	-	-	-	-	20,000
Selenium	-	-	-	10	1,000
Zinc	270	400	310	500	250,000

In addition, the following contaminants were noted in Monitoring Well #1, which is located in the old paint sump; the maximum EPA limits for these contaminants in water supplies are also shown:

Total Petroleum Hydrocarbons = 4.9 mg/l	
Total 1,2-Dichloroethene = 23 ug/l	(Not Available)
Benzene = 11 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 4.2 ug/l	(EPA = 680 ug/l)
Xylene = None	(EPA = 1750 ug/l)

The heavy metals in the groundwater at this site are above that required by EPA drinking water standards. However, they are below the Department of Health Service's hazardous waste levels (STLC), except for mercury in Well Number 1 which is slightly above the STLC limit.

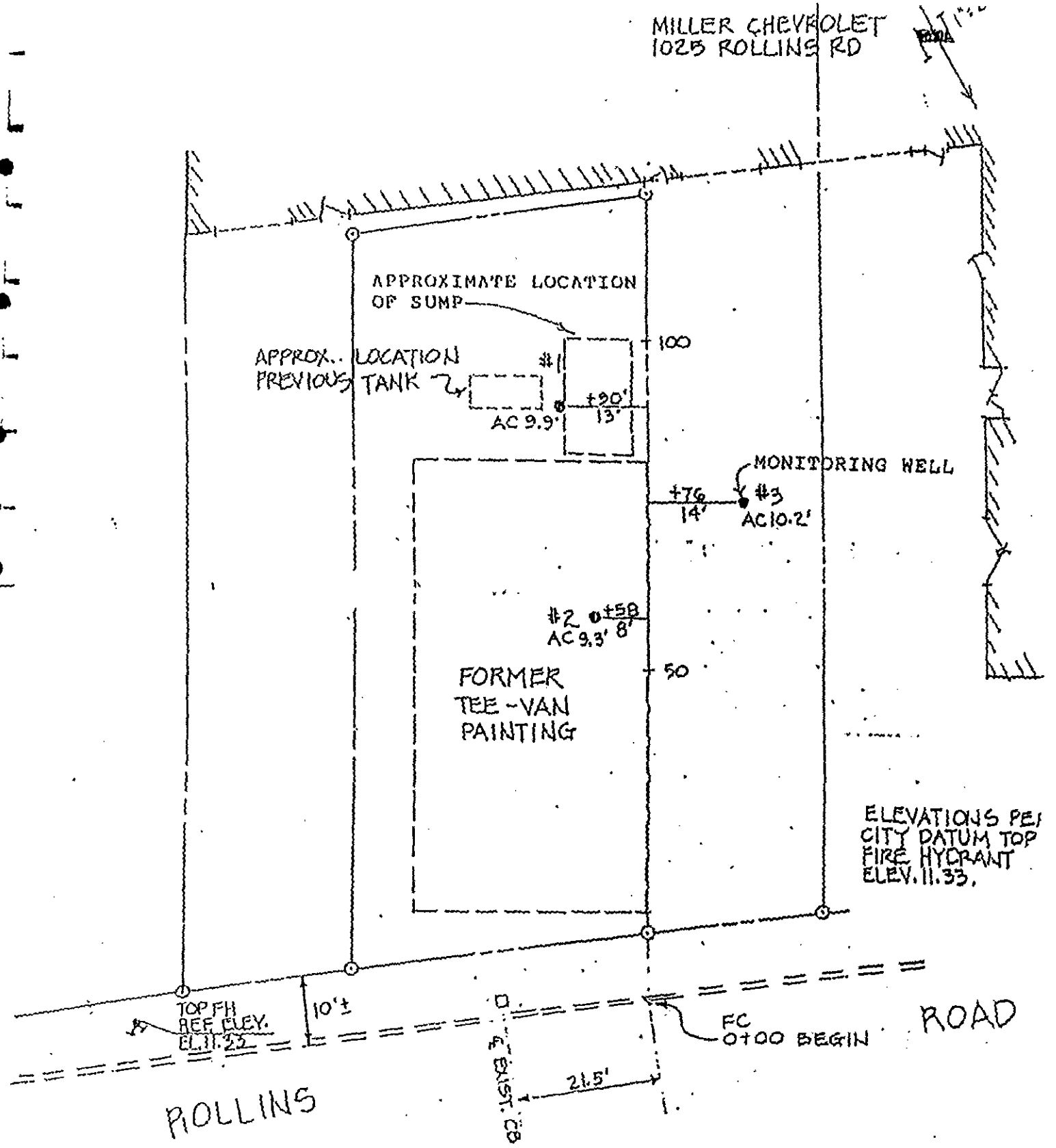
We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Plot Plan
Chain of Custody Report
Appendix A: Chemical Analysis


MILLER CHEVROLET
1025 ROLLINS RD
APPROXIMATE LOCATION OF SUMP
APPROX.. LOCATION PREVIOUS TANK
#1
AC 9.9'
±20'
13'
100
MONITORING WELL
±76'
14'
#3
AC 10.2'
#2 ±58'
AC 9.3' 8'
50
FORMER TEE-VAN PAINTING
ELEVATIONS PE
CITY DATUM TOP
FIRE HYDRANT
ELEV. 11.33.
TOP FH
REF ELEV.
EL. 11.23
10'±
FC
0+00 BEGIN
ROAD
ROLLINS
EXIST. CB
21.5'

PLOT PLAN

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS, INC.

ADDRESS: 450 SAN ANTONIO RD #25
PALO ALTO, CA 94306

PHONE: (415) 961-8387

PROJECT NAME/SITE: #198-A
1019 ROLLINS RD., BURLINGAME, CA

SAMPLER:

DATE:

REPORT TO: ← SAME

BILLING TO: ← SAME

TURNAROUND TIME:

8 HR.			
24 HR.		48 HR.	72 HR.
5 DAY		10 DAY	15 DAY X

PO#/BILLING REFERENCE:

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: PRIORITY METALS	EPA 418.1	EPA 8010	EPA 8020	REMARKS	SAMPLE NUMBER
WELL #1	WATER	4		10:25 6/11/90	✓	✓	✓	✓		
WELL #2	"	4		10:50 "	✓	✓	✓	✓		
WELL #3	"	4		11:15 "	✓	✓	✓	✓		

RELINQUISHED BY: John T. O'Rourke — DATE: 6/11/90 — TIME: 12:10

RELINQUISHED BY: — DATE: — TIME:

RELINQUISHED BY: — DATE: — TIME:

RECEIVED BY:

RECEIVED BY:

RECEIVED IN LAB BY: V.Q. Herrera — 6-11 — 12:10

TRAVEL TIME:

ON SITE TIME:

OTHER:

	YES	NO
WERE SAMPLES: PRESERVED ?	X	
IN GOOD CONDITION?	X	

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Jun 11, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	006-1362 A	Reported:	Jun 27, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	20
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	350
Copper	10	150
Lead	5.0	320
Mercury	0.20	2.2
Nickel	50	N.D.
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	270

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Jun 11, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	006-1363 A	Reported:	Jun 27, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	45
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	830
Copper	10	260
Lead	5.0	210
Mercury	0.20	3.7
Nickel	50	N.D.
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	400

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Jun 11, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	006-1364 A	Reported:	Jun 27, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	22
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	470
Copper	10	220
Lead	5.0	180
Mercury	0.20	2.8
Nickel	50	N.D.
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	310

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

61362.HYG <3>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Matrix Descript:	Water	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 418.1 (I.R. with clean-up)		
Attention: John O'Rourke	First Sample #:	006-1362 B	Analyzed:	Jun 26, 1990
			Reported:	Jun 27, 1990

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
0061362 B	Well #1	4.9
0061363 B	Well #2	N.D.
0061364 B	Well #3	N.D.

Detection Limits:	**1.0**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 12, 1990
Attention: John O'Rourke	Lab Number:	006-1362 C	Reported:	Jun 27, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	25	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	2.5	N.D.
Chloromethane	2.5	N.D.
Dibromochloromethane	2.5	N.D.
1,2-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,4-Dichlorobenzene	10	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	5.0	N.D.
Total 1,2-Dichloroethene	5.0	23
1,2-Dichloropropane	2.5	N.D.
cis-1,3-Dichloropropene	25	N.D.
trans-1,3-Dichloropropene	25	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	2.5	N.D.
Tetrachloroethene	2.5	N.D.
1,1,1-Trichloroethane	2.5	N.D.
1,1,2-Trichloroethane	2.5	N.D.
Trichloroethene	2.5	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 12, 1990
Attention: John O'Rourke	Lab Number:	006-1363 C	Reported:	Jun 27, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Jun 12, 1990
Attention: John O'Rourke	Lab Number:	006-1364 C	Reported:	Jun 27, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	20	N.D.
Bromoform	20	N.D.
Bromomethane	20	N.D.
Carbon tetrachloride	20	N.D.
Chlorobenzene	20	N.D.
Chloroethane	100	N.D.
2-Chloroethylvinyl ether	20	N.D.
Chloroform	10	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	10	N.D.
1,2-Dichlorobenzene	40	N.D.
1,3-Dichlorobenzene	40	N.D.
1,4-Dichlorobenzene	40	N.D.
1,1-Dichloroethane	10	N.D.
1,2-Dichloroethane	10	N.D.
1,1-Dichloroethene	20	N.D.
Total 1,2-Dichloroethene	20	N.D.
1,2-Dichloropropane	10	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Methylene chloride	40	N.D.
1,1,2,2-Tetrachloroethane	10	N.D.
Tetrachloroethene	10	N.D.
1,1,1-Trichloroethane	10	N.D.
1,1,2-Trichloroethane	10	N.D.
Trichloroethene	10	N.D.
Trichlorofluoromethane	20	N.D.
Vinyl chloride	40	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Jun 12, 1990
Attention: John O'Rourke	Lab Number:	006-1362 D	Reported:	Jun 27, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	*Detection Limit µg/L*	*Sample Results µg/L*
Benzene	2.5	11
Chlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	10	N.D.
1,3-Dichlorobenzene	10	N.D.
1,2-Dichlorobenzene	10	N.D.
Ethyl Benzene	2.5	4.2
Toluene	2.5	N.D.
Xylene	2.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Jun 12, 1990
Attention: John O'Rourke	Lab Number:	006-1363 D	Reported:	Jun 27, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.50	N.D.
Toluene	0.50	N.D.
Xylene	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Jun 11, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Jun 11, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Jun 12, 1990
Attention: John O'Rourke	Lab Number:	006-1364 D	Reported:	Jun 27, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	10	N.D.
Chlorobenzene	20	N.D.
1,4-Dichlorobenzene	40	N.D.
1,3-Dichlorobenzene	40	N.D.
1,2-Dichlorobenzene	40	N.D.
Ethyl Benzene	10	N.D.
Toluene	10	N.D.
Xylene	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

61382.HYG <10>

HYDRO-GEO CONSULTANTS, INC.

JANUARY, 1991

ACCUTITE

PRELIMINARY EVALUATION
SOIL/GROUNDWATER CONTAMINATION
1019 ROLLINS ROAD (APN 026-240-040)
BURLINGAME, CALIFORNIA

Project 198-A

Prepared for:

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

By:

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25
Palo Alto, California 94306

JANUARY, 1991

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

January 11, 1991
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Preliminary Evaluation
Soil/Groundwater Contamination
1019 Rollins Road (APN 026-240-040)
Burlingame, California

Dear Mr. Molakidis:

This letter outlines the hydrogeologic and contamination conditions at the subject property based on subsurface data, in accordance with our recent conversation.

The former Teevan Paint Company site consists of an asphalt-paved rectangular-shaped parcel, approximately 45 feet wide and 110 feet long (0.12 acres) that is currently being used as a parking lot.

The site is located in Burlingame, California, adjacent to San Francisco Bay, southwest of Highway 101, at an elevation of 10 feet above mean sea level. The bay extended into a portion of the site in geologically recent time and deposited a thin layer of relatively impervious bay mud in the area outlined by the dotted lines shown on Plate 1, Location Map. Sanchez Creek is located approximately 300 feet northwest of the site and currently flows into San Francisco through this old slough. Groundwater level is approximately 7.5 feet (2.5 feet above mean sea level) below the ground surface at the site.

Alluvial fan deposits and poorly consolidated sandy to silty clays of the Colma Formation underlie the site. These geologic units are believed to overlie sandstone and shale of the Monterey Formation which rests on older bedrock (sandstone and shale) of the Franciscan Formation at a depth of 200 feet in this area. Bedrock in this area is relatively impervious and potable groundwater is not present.

Teevan Paint Company occupied this site from 1973 to 1985. In 1974, they excavated a sump on the southwest side of their building, as indicated on Plate 2, Plot Plan. The sump is reported to have been 8 feet wide by 12 feet long and 6 feet deep with gravel placed in the bottom. According to a letter from Mr. James R. Teevan to Mr. John H. Calwell, Chief Building Inspector for the City of Burlingame, dated May 14, 1974, the purpose of

this sump was to "facilitate rain drainage" and "drainage of water used to clean painters' hands, faces and brushes used in latex paints." The letter also stated that "hydrocarbons such as paint thinner, will not be placed in this gravel-filled hole"

Mr. Molakidis, the owner of the adjacent property, purchased this parcel in 1985. Prior to his purchase, the contaminated soil was reported to have been removed from the sump and replaced with clean soil by November 1985, under the direction of the San Mateo County Department of Health Services.

Two underground storage tanks, a 1050 gallon gasoline tank and 500 gallon solvent tank, were removed from the site by Petroleum Products of San Jose in February, 1986. Hull Development Labs tested the soil; however, their work was not satisfactory and the County Department of Health Services had Sequoia Analytical Laboratory also test the soil. They found from 0.730 to 18 ppm of Xylene and from 17 to 190 ppm of Mineral Spirits, as well as 10 ppm of Acrolein and Acrylonitrile in the soil after the tanks had been removed.

Three monitoring wells were installed at this site on May 7, 1986, in the vicinity of the paint disposal sump at the locations shown on the attached Plate 2.

The Groundwater Monitoring Report for July 3, 1990, indicates that the following heavy metals were present in milligrams per liter (mg/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) and the Total Threshold Limit Concentration (TTLC) for classification as hazardous waste are also shown below in mg/l.

Metal	Well #1	Well #2	Well #3	EPA	STLC	TTLC
Arsenic	0.02	0.045	0.022	0.050	0.5	500
Chromium	0.36	0.830	0.470	0.050	5.0	500
Copper	0.13	0.260	0.220	0.100	25.0	25000
Lead	0.39	0.210	0.180	0.050	5.0	1000
Mercury	0.25	0.004	0.003	0.002	0.2	20
Zinc	0.27	0.400	0.310	0.500	250.0	5000

In addition, the following contaminants were noted in Monitoring Well #1, which is located in the old paint sump; the maximum EPA limits for these contaminants in water supplies are also shown:

Total Petroleum Hydrocarbons = 4.9 mg/l	
Total 1,2-Dichloroethene = 0.023 mg/l	(EPA = 0.005 mg/l)
Benzene = 0.011 mg/l	(EPA = 0.001 mg/l)
Ethyl Benzene = 0.0042 mg/l	(EPA = 0.680 mg/l)
Xylene = None	(EPA = 1.750 mg/l)

The heavy metals in the groundwater at this site are above that required by EPA drinking water standards. However, they are below the Department of Health Service's hazardous waste levels (STLC), except for mercury in Well Number 1 which is above the STLC limit.

Subsequently, we drilled 22 borings at the locations shown on Plate 2, on November 11, 1990, and December 5 and 7, 1990, to determine the extent of contamination at this site. Undisturbed soil samples were obtained and tested for mercury, lead and industrial solvents. The results of the chemical analysis are presented below, the laboratory data is include in the appendix to this letter.

BORING (B)	DEPTH (feet)	MERCURY (mg/l)	LEAD (mg/l)	SOLVENT (mg/l)
1	7.5	1.90	-	-
2	6	0.42	-	-
	11	0.25		
5	8	-	-	Ethyl Benzene = 1.6
				Total Xylenes = 16.0
6	6.5 - 10	-	-	Total Xylenes = 1.9
8	6	0.050	1.2	-
	11	0.049	1.5	-
	16	0.047	4.1	-
9	6	0.049	-	
	7	0.049	5.3	Ethyl Benzene = 1.5
	9	0.047	2.9	-
10	6	0.050	3.4	-
	7	0.048	0.76	Total Xylenes = 15.0
	11	0.049	3.9	-
11	6	0.050	4.8	-
	11	0.049	6.0	-

BORING (B)	DEPTH (feet)	MERCURY (mg/l)	LEAD (mg/l)	SOLVENT (mg/l)
12	6	0.050	4.6	-
	11	0.050	7.3	-
13	6	0.049	1.7	-
	7	0.046	6.2	Total Xylenes = 20.0
	11	0.097	5.9	-
	16	0.140	5.2	-
14	6	0.047	5.4	-
	8	0.050	5.9	Total Xylenes = 16.0
	11	0.049	4.6	-
15	11	0.049	4.8	-
	18.5	0.046	4.0	Total Xylenes = 37.0
16*	11	**0.330**	6.9	-
	16	0.097	4.2	-
	21	0.047	6.6	-
17	5	**0.330**	-	-
	10.5	0.045	-	-
	21	0.050	-	-
18	6	0.140	-	-
	11.5	0.100	-	-
20	6	0.045	-	-
	11	0.050	-	-
21	6	0.045	-	-
	11	0.046	-	-
22	6	0.049	-	-
	11	0.048	-	-

* Old paint sump.

The amount of contaminant in the soil shown in bold print exceeds STLC or EPA limits.

The amount of mercury noted in the groundwater of Monitoring Well No. 1 is 0.25 mg/l, this exceeds the Department of Health Service's threshold limit (STLC) of 0.20 mg/l for classification of mercury as hazardous waste. High concentrations of mercury were also noted in the soil from depths of 5 to 11 feet in Borings 1, 2, 5, 16, and 17; this area is outlined on Plate 2.

Solvents (Total Xylenes and Ethyl Benzene) were encountered at a depth of generally 7 to 8 feet in the sediments, down gradient from the sump and underground storage tank area. This plume appears to extend to the north and west as shown on Plate 2. The solvents at the western end of the plume, at Boring 15, have the highest concentration (37 mg/l) and extend to a depth of 18.5 feet or more.

In summary, we recommend that the mercury contaminated soil in the area shown on Plate 2, within the depths indicated above, be either removed from the site and replaced with clean material or mitigated by other methods. It may be possible to treat the solvent contaminated soil on-site by aeration or biological remediation.

We have enjoyed working with you on this project. If you have any questions, please do not hesitate to call. The following plates and appendix are attached and complete this report:

Plate 1. Location Map.

Plate 2. Plot Plan.

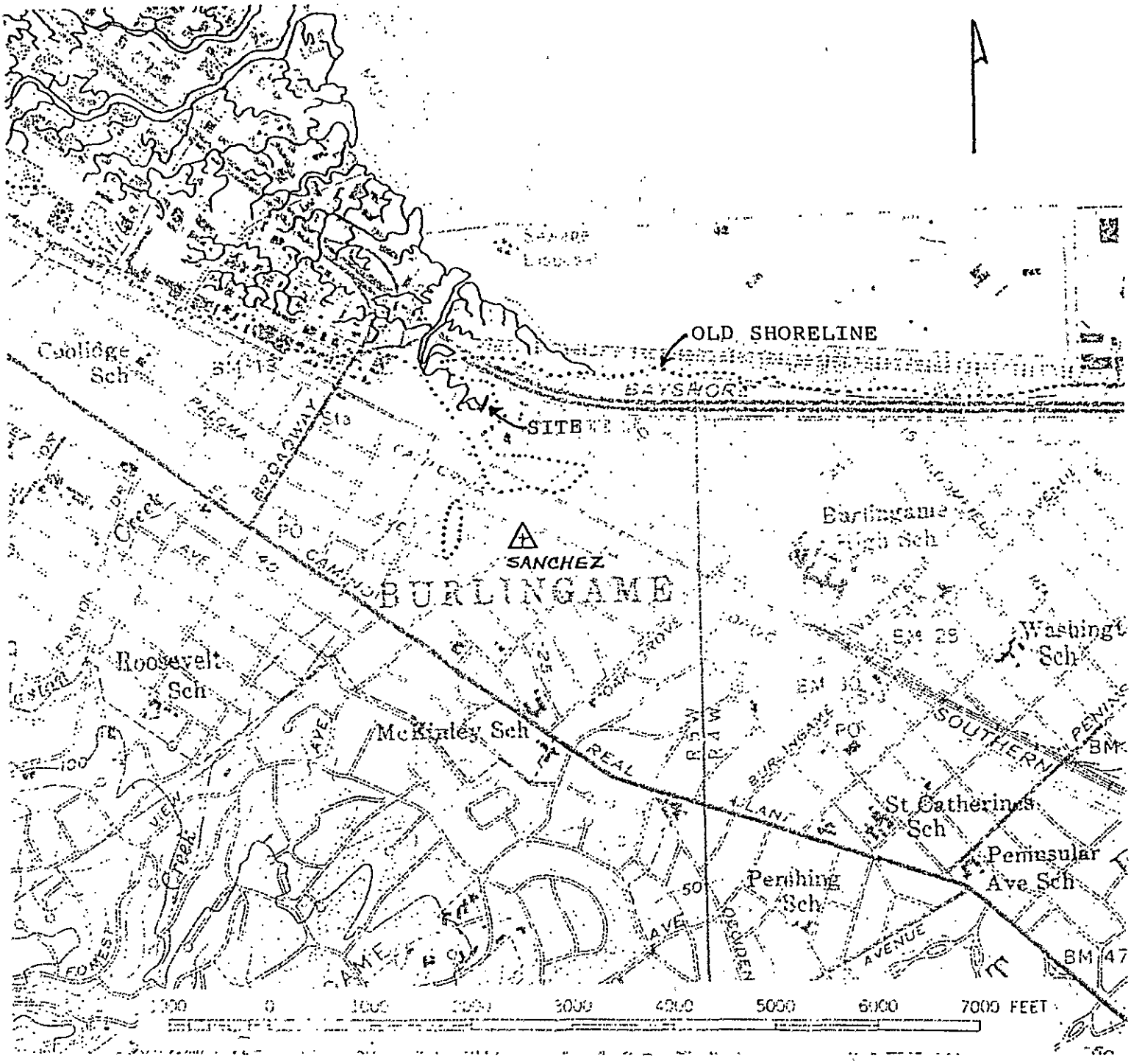
Appendix: Chemical Analysis of Soil.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

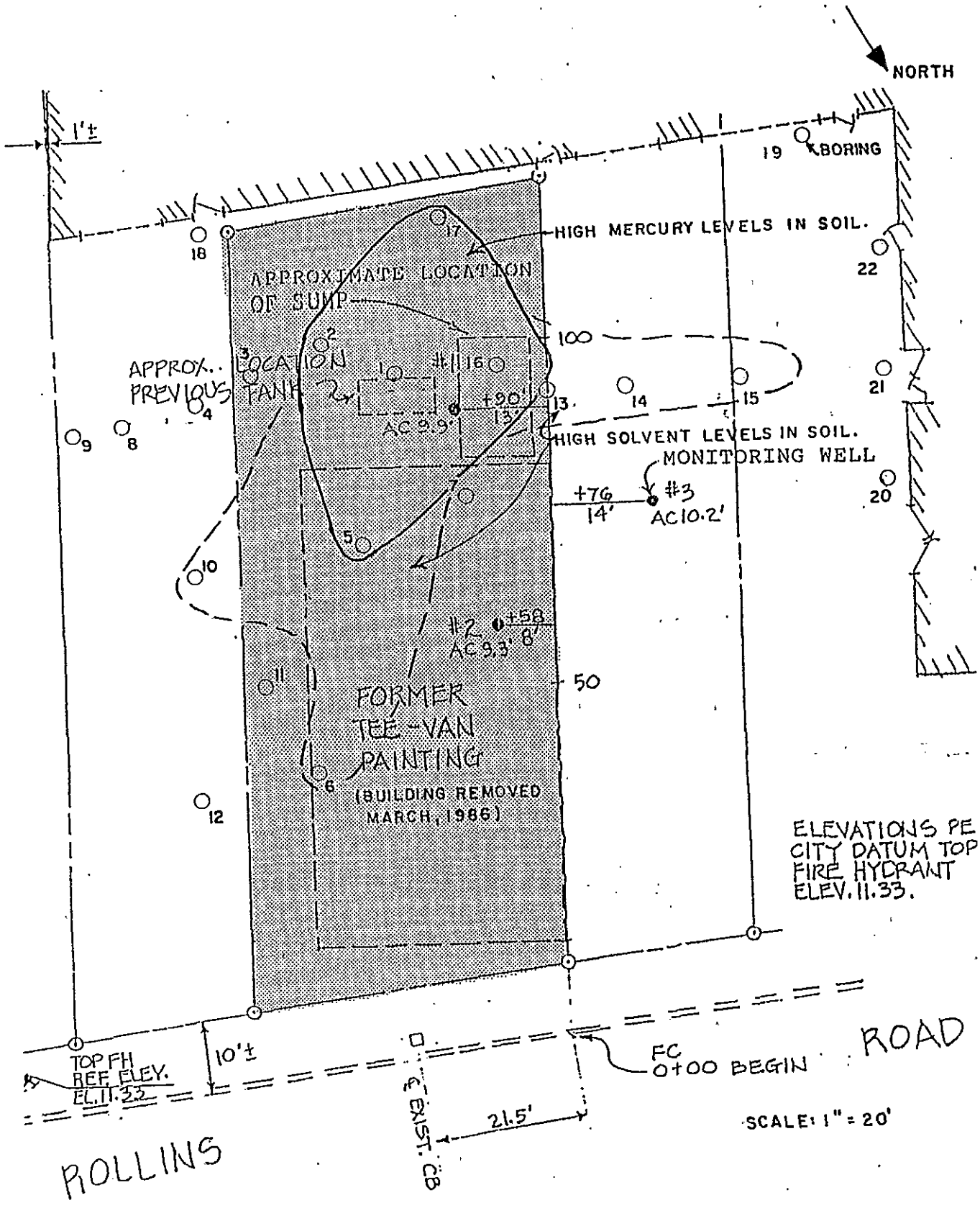
John T. O'Rourke, CEG 419; REA 1206
President

JO'R/jod
3 copies submitted



LOCATION MAP

PLATE 1



PLOT PLAN

PLATE 2

APPENDIX

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis for:	Mercury	Extracted:	Dec 7, 1990
Attention: John O'Rourke	First Sample #:	011-3165	Analyzed:	Dec 7, 1990
			Revised Reported:	Jan 11, 1991

LABORATORY ANALYSIS FOR: Mercury

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
011-3165	B1 - 4½'	0.010	N.D.
011-3166	B1 - 6'	0.010	N.D.
011-3167	B1 - 7½'	0.010	1.9
011-3168	B1 - 9'	0.010	N.D.
011-3169	B1 - 13½'	0.010	N.D.
011-3170	B1 - 15'	0.010	N.D.
011-3171	B2 - 6'	0.010	0.42
011-3172	B2 - 11'	0.010	0.25
011-3173	B2 - 16½'	0.010	N.D.
011-3174	B3 - 6½'	0.010	N.D.
011-3175	B3 - 11½'	0.010	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis for:	Mercury	Extracted:	Dec 7, 1990
Attention: John O'Rourke	First Sample #:	011-3176	Analyzed:	Dec 7, 1990
			Reported:	Dec 12, 1990

LABORATORY ANALYSIS FOR: Mercury

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
011-3176	B4 - 6½'	0.010	N.D.
011-3177	B4 - 11½'	0.010	N.D.
011-3178	B5 - 6½'	0.010	N.D.
011-3179	B5 - 8'	0.010	N.D.
011-3180	B5 - 9½'	0.010	N.D.
011-3181	B5 - 16½'	0.010	N.D.
011-3182	B6 - 8½'	0.010	N.D.
011-3183	B7 - 8½'	0.010	N.D.
011-3184	B7 - 10'	0.010	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis for:	Lead	Extracted:	Dec 4, 1990
Attention: John O'Rourke	First Sample #:	011-3165	Analyzed:	Dec 7, 1990
			Reported:	Dec 12, 1990

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
011-3165	B1 - 4½'	0.050	N.D.
011-3166	B1 - 6'	0.050	N.D.
011-3167	B1 - 7½'	0.050	N.D.
011-3168	B1 - 9'	0.050	N.D.
011-3169	B1 - 13½'	0.050	N.D.
011-3170	B1 - 15'	0.050	N.D.
011-3171	B2 - 6'	0.050	N.D.
011-3172	B2 - 11'	0.050	N.D.
011-3173	B2 - 16½'	0.050	N.D.
011-3174	B3 - 6½'	0.050	N.D.
011-3175	B3 - 11½'	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis for:	Lead	Extracted:	Dec 4, 1990
Attention: John O'Rourke	First Sample #:	011-3176	Analyzed:	Dec 7, 1990
			Reported:	Dec 12, 1990

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
011-3176	B4 - 6½'	0.050	N.D.
011-3177	B4 - 11½'	0.050	N.D.
011-3178	B5 - 6½'	0.050	N.D.
011-3179	B5 - 8'	0.050	N.D.
011-3180	B5 - 9½'	0.050	N.D.
011-3181	B5 - 16½'	0.050	N.D.
011-3182	B6 - 8½'	0.050	N.D.
011-3183	B7 - 8½'	0.050	N.D.
011-3184	B7 - 10'	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B1 - 4½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3165	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled: Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B1 - 6'	Received: Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed: Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3166	Reported: Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B1 - 7½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3167	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled: Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B1 - 9'	Received: Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed: Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3168	Reported: Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B1 - 13½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3169	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled: Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B1 - 15'	Received: Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed: Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3170	Reported: Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B2 - 6'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3171	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B2 - 11'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3172	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled: Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B2 - 16½'	Received: Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed: Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3173	Reported: Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B3 - 6½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3174	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B3 - 11½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3175	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B4 - 6½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3176	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B4 - 11½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3177	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled: Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B5 - 6½'	Received: Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed: Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3178	Reported: Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B5 - 8'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3179	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	1.6
Toluene	0.020	N.D.
Total Xylenes	0.020	16
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B5 - 9½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3180	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malile S. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B5 - 16½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3181	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B6 - 8½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3182	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled:	Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B7 - 8½'	Received:	Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3183	Reported:	Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Rollins Road, Burlingame, CA	Sampled: Nov 20, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B7 - 10'	Received: Nov 21, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed: Nov 29, 1990
Attention: John O'Rourke	Lab Number:	011-3184	Reported: Dec 12, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	2.0	N.D.
Ethanol	2.0	N.D.
Isopropanol	1.0	N.D.
Propanol	1.0	N.D.
Isobutanol	1.0	N.D.
Butanol	1.0	N.D.
Acetone	1.0	N.D.
Methyl ethyl ketone	0.20	N.D.
Methyl Isobutyl Ketone	0.20	N.D.
Benzene	0.020	N.D.
Propyl Benzene	0.020	N.D.
Ethyl Benzene	0.020	N.D.
Toluene	0.020	N.D.
Total Xylenes	0.020	N.D.
Ethyl Acetate	0.20	N.D.
Methylene Chloride	0.20	N.D.
Tetrahydrofuran	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis for:	MERCURY		
Attention: John O'Rourke	First Sample #:	012-0947	Analyzed:	Dec 20, 1990
			Reported:	Dec 28, 1990

LABORATORY ANALYSIS FOR: MERCURY

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-0947	B-8-6'	0.010	0.050
012-0948	B-8-11'	0.010	0.049
012-0949	B-9-7'	0.010	0.049
012-0950	B-9-9'	0.010	0.047
012-0951	B-8-6½-10'	0.010	0.048
012-0952	B-8-16'	0.010	0.047
012-0953	B-10-6'	0.010	0.050
012-0954	B-10-7'	0.010	0.048
012-0955	B-10-11'	0.010	0.049
012-0956	B-11-6'	0.010	0.050
012-0957	B-11-11'	0.010	0.049

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

For Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis for:	MERCURY		
Attention: John O'Rourke	First Sample #:	012-0958	Analyzed:	Dec 20, 1990
			Reported:	Dec 28, 1990

LABORATORY ANALYSIS FOR: MERCURY

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-0958	B-12-6'	0.010	0.050
012-0959	B-12-11'	0.010	0.050
012-0960	B-13-6'	0.010	0.049
012-0961	B-13-7'	0.010	0.046
012-0962	B-13-11'	0.010	0.097
012-0963	B-13-16'	0.010	0.14
012-0964	B-14-6'	0.010	0.047
012-0965	B-14-8'	0.010	0.050
012-0966	B-14-11'	0.010	0.049
012-0967	B-15-18½'	0.010	0.046
012-0968	B-15-11'	0.010	0.049

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

per Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis for:	MERCURY		
Attention: John O'Rourke	First Sample #:	012-0969	Analyzed:	Dec 20, 1990
			Reported:	Dec 28, 1990

LABORATORY ANALYSIS FOR: MERCURY

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-0969	B-16-11'	0.010	0.33
012-0970	B-16-16'	0.010	0.097
012-0971	B-16-21'	0.010	0.047

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis for:	LEAD		
Attention: John O'Rourke	First Sample #:	012-0947	Analyzed:	Dec 21, 1990
			Reported:	Dec 28, 1990

LABORATORY ANALYSIS FOR: LEAD

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-0947	B-8-6'	0.0050	1.2
012-0948	B-8-11'	0.0050	1.5
012-0949	B-9-7'	0.0050	5.3
012-0950	B-9-9'	0.0050	2.9
012-0951	B-8-6½-10'	0.0050	0.96
012-0952	B-8-16'	0.0050	4.1
012-0953	B-10-6'	0.0050	3.4
012-0954	B-10-7'	0.0050	0.76
012-0955	B-10-11'	0.0050	3.9
012-0956	B-11-6'	0.0050	4.8
012-0957	B-11-11'	0.0050	6.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

For Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis for:	LEAD		
Attention: John O'Rourke	First Sample #:	012-0958	Analyzed:	Dec 20, 1990
			Reported:	Dec 28, 1990

LABORATORY ANALYSIS FOR: LEAD

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-0958	B-12-6'	0.0050	4.6
012-0959	B-12-11'	0.0050	7.3
012-0960	B-13-6'	0.0050	1.7
012-0961	B-13-7'	0.0050	6.2
012-0962	B-13-11'	0.0050	5.9
012-0963	B-13-16'	0.0050	5.2
012-0964	B-14-6'	0.0050	5.4
012-0965	B-14-8'	0.0050	5.9
012-0966	B-14-11'	0.0050	4.6
012-0967	B-15-18½'	0.0050	4.0
012-0968	B-15-11'	0.0050	4.8

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis for:	LEAD		
Attention: John O'Rourke	First Sample #:	012-0969	Analyzed:	Dec 20, 1990
			Reported:	Dec 28, 1990

LABORATORY ANALYSIS FOR: LEAD

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-0969	B-16-11'	0.0050	6.9
012-0970	B-16-16'	0.0050	4.2
012-0971	B-16-21'	0.0050	6.6

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Per Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-8-6'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0947	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-8-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0948	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Per Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-9-7'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0949	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	1.5
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

for Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-9-9'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0950	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-8-6½-10'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0951	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	7.0	N.D.
Ethanol	7.0	N.D.
Isopropanol	3.5	N.D.
Propanol	3.5	N.D.
Isobutanol	3.5	N.D.
Butanol	3.5	N.D.
Acetone	3.5	N.D.
Methyl ethyl ketone	0.70	N.D.
Methyl Isobutyl Ketone	0.70	N.D.
Benzene	0.070	N.D.
Propyl Benzene	0.070	N.D.
Ethyl Benzene	0.070	N.D.
Toluene	0.070	N.D.
Total Xylenes	0.070	1.9
Ethyl Acetate	0.70	N.D.
Methylene Chloride	0.70	N.D.
Tetrahydrofuran	0.70	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

for Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-8-16'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0952	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-10-6'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0953	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Per Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-10-7'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0954	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	40	N.D.
Ethanol	40	N.D.
Isopropanol	20	N.D.
Propanol	20	N.D.
Isobutanol	20	N.D.
Butanol	20	N.D.
Acetone	20	N.D.
Methyl ethyl ketone	4.0	N.D.
Methyl Isobutyl Ketone	4.0	N.D.
Benzene	0.40	N.D.
Propyl Benzene	0.40	N.D.
Ethyl Benzene	0.40	N.D.
Toluene	0.40	N.D.
Total Xylenes	0.40	15
Ethyl Acetate	4.0	N.D.
Methylene Chloride	4.0	N.D.
Tetrahydrofuran	4.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

for Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-10-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0955	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

For Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-11-6'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0956	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

For Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-11-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0957	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-12-6'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0958	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

For Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-12-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0959	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-13-6'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0960	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

For Maile A. McBirney
Project Manager

120947.HYG <20>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-13-7'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0961	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	20
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

for Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-13-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0962	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-13-16'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0963	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

120947.HYG <23>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-14-6'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0964	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Per Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-14-8'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0965	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	16
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-14-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0966	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

For Malle A. McBirney
Project Manager

120947.HYG <26>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-15-8½'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0967	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	37
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

for Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-15-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0968	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

For Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-16-11'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0969	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-16-16'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0970	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

per Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A / Rollins, Burlingame	Sampled:	Dec 5, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-16-21'	Received:	Dec 5, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 19, 1990
Attention: John O'Rourke	Lab Number:	012-0971	Reported:	Dec 28, 1990

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
Total Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

EQUOIA ANALYTICAL

For Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis for:	Mercury	Extracted:	Dec 18, 1990
Attention: John O'Rourke	First Sample #:	012-1045	Analyzed:	Dec 18, 1990
			Reported:	Jan 3, 1991

LABORATORY ANALYSIS FOR: Mercury

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-1045	(B-9)-6'	0.010	0.049
012-1046	(B-17)-5'	0.010	0.33
012-1047	(B-17)-10.5'	0.010	0.045
012-1048	(B-17)-21'	0.010	0.05
012-1049	(B-18)-6'	0.010	0.14
012-1050	(B-18)-11.5'	0.010	0.10
012-1051	(B-19)-6'	0.010	N.D.
012-1052	(B-20)-6'	0.010	0.045
012-1053	(B-20)-11'	0.010	0.05
012-1054	(B-21)-6'	0.010	0.045
012-1055	(B-21)-11'	0.010	0.046
012-1056	(B-22)-6'	0.010	0.049
012-1057	(B-22)-11'	0.010	0.048

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis for:	Lead	Extracted:	Dec 18, 1990
Attention: John O'Rourke	First Sample #:	012-1045	Analyzed:	Dec 19, 1990
			Reported:	Jan 3, 1991

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
012-1045	(B-9)-6'	0.25	N.D.
012-1046	(B-17)-5'	0.25	N.D.
012-1047	(B-17)-10.5'	0.25	N.D.
012-1048	(B-17)-21'	0.25	N.D.
012-1049	(B-18)-6'	0.25	N.D.
012-1050	(B-18)-11.5'	0.25	N.D.
012-1051	(B-19)-6'	0.25	N.D.
012-1052	(B-20)-6'	0.25	N.D.
012-1053	(B-20)-11'	0.25	N.D.
012-1054	(B-21)-6'	0.25	N.D.
012-1055	(B-21)-11'	0.25	N.D.
012-1056	(B-22)-6'	0.25	N.D.
012-1057	(B-22)-11'	0.25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-9-6'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1045	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	1.0	N.D.
Ethanol	1.0	N.D.
Isopropanol	0.50	N.D.
Propanol	0.50	N.D.
Isobutanol	0.50	N.D.
Butanol	0.50	N.D.
Acetone	0.50	N.D.
Methyl ethyl ketone	0.10	N.D.
Methyl Isobutyl Ketone	0.10	N.D.
Benzene	0.010	N.D.
Propyl Benzene	0.010	N.D.
Ethyl Benzene	0.010	N.D.
Toluene	0.010	N.D.
otal Xylenes	0.010	N.D.
Ethyl Acetate	0.10	N.D.
Methylene Chloride	0.10	N.D.
Tetrahydrofuran	0.10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

EQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-17-5'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1046	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-17-10.5'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:		Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

121045.HYG <5>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-17-21'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1048	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-18-6'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1049	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-18-11.5'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1050	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-19-6'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1051	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-20-6'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1052	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-20-11'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1053	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
Total Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-21-6'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1054	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Maile A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-21-11'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1055	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-22-6'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1056	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	1017 Rollins, Burlingame	Sampled:	Dec 7, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Soil, B-22-11'	Received:	Dec 7, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 3810/8015 Modified	Analyzed:	Dec 31, 1990
Attention: John O'Rourke	Lab Number:	012-1057	Reported:	Jan 3, 1991

INDUSTRIAL SOLVENTS SCAN

Analyte	Detection Limit mg/kg	Sample Results mg/kg
Methanol	5.0	N.D.
Ethanol	5.0	N.D.
Isopropanol	2.5	N.D.
Propanol	2.5	N.D.
Isobutanol	2.5	N.D.
Butanol	2.5	N.D.
Acetone	2.5	N.D.
Methyl ethyl ketone	0.50	N.D.
Methyl Isobutyl Ketone	0.50	N.D.
Benzene	0.050	N.D.
Propyl Benzene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Toluene	0.050	N.D.
otal Xylenes	0.050	N.D.
Ethyl Acetate	0.50	N.D.
Methylene Chloride	0.50	N.D.
Tetrahydrofuran	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

EQUOIA ANALYTICAL

Malle A. McBirney
Project Manager

121045.HYG <15>

HYDRO-GEO CONSULTANTS, INC.

JULY 16, 1991

ACCUTITE

RECYCLED PAPER

RO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

July 16, 1991
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the June 20, 1991 groundwater analysis of the existing Monitoring Well # 1 at the captioned site, as you verbally authorized.

After purging the well of 4 well volumes of water, a groundwater samples were obtained, using a PVC hand bailer. Groundwater samples were collected in pre-cleaned sample bottles provided by Sequoia Analytical Laboratory, placed in a cooler with "blue ice", and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for Total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are attached.

Groundwater level at the time of sampling was 8 feet, 1 inch below the ground surface (approximately 1.8 feet above mean sea level).

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	Well #1	EPA	STLC
Antimony	270	146	1,500
Arsenic	23	50	500
Chromium	420	50	5,000
Copper	310	100	25,000
Lead	42	50	5,000
Mercury	23	2	200
Nickel	610	-	20,000
Selenium	18	10	1,000
Silver	20	50	500
Zinc	300	500	250,000

In addition, the following contaminants were noted in the groundwater at Monitoring Well #1, which is located in the vicinity of the old paint sump; the maximum EPA limits for these contaminants in water supplies are also shown:

Total 1,2-Dichloroethene = 4.5 ug/l	(Not Available)
Benzene = 4.0 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 4.0 ug/l	(EPA = 680 ug/l)

The heavy metals of mercury and lead decreased in concentration since the last analysis, however, antimony, nickel, selenium, and silver increased in the groundwater at this site.

We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Chain of Custody Report
Appendix A: Chemical Analysis

CC: Mr. William Mannion, Ph.D.
1907 Las Gallinas Avenue
San Rafael, California 94903

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS

ADDRESS: 450 SAN ANTONIO RD #25
PALO ALTO, CA. 94306

PHONE: (415) 961-8387

PROJECT NAME/SITE: 198-A
BURLINGAME

SAMPLER: JOHN T. O'ROURKE

DATE: 6/20/91

REPORT TO: SAME

BILLING TO: SAME

TURNAROUND TIME:

8 HR.					
24 HR.		48 HR.		72 HR.	
5 DAY		10 DAY		15 DAY	X

PO#/BILLING REFERENCE:

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: 8020	8010	PRIORITY METALS	418.1	REMARKS	SAMPLE NUMBER
MW-1	WATER	5		9:30/6-20-91	X	X	X	X		
BE51										

RELINQUISHED BY: John T. O'Rourke — DATE: 6/20/91 — TIME: 10:30

RELINQUISHED BY: — DATE: — TIME:

RELINQUISHED BY: — DATE: — TIME:

RECEIVED BY:

RECEIVED BY:

RECEIVED IN LAB BY: [illegible] 6-20 1230

TRAVEL TIME:

ON SITE TIME:

OTHER:

WERE SAMPLES:	YES	NO
PRESERVED ?		
IN GOOD CONDITION?		

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID: 198-A Burlingame	Sampled:	Jun 20, 1991
450 San Antonio Rd., Suite 25	Sample Descript: Water, MW-1	Received:	Jun 20, 1991
Palo Alto, CA 94306		Analyzed:	6/28 - 7/5/91
Attention: John O'Rourke	Lab Number: 106-3083 A	Reported:	Jul 15, 1991

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	10	N.D.
Arsenic	2.0	33
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	10	420
Copper	10	310
Lead	5.0	42
Mercury	2.0	2.1
Nickel	20	610
Selenium	5.0	10
Silver	10	20
Thallium	5.0	N.D.
Zinc	10	300

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle McBirney Springer
Project Manager

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

SAN MATEO COUNTY
ENVIRONMENTAL HEALTH
AUG 23 1993
RECEIVED

July 16, 1991
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the June 20, 1991 groundwater analysis of the existing Monitoring Well # 1 at the captioned site, as you verbally authorized.

After purging the well of 4 well volumes of water, a groundwater samples were obtained, using a PVC hand bailer. Groundwater samples were collected in pre-cleaned sample bottles provided by Sequoia Analytical Laboratory, placed in a cooler with "blue ice", and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for Total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are attached.

Groundwater level at the time of sampling was 8 feet, 1 inch below the ground surface (approximately 1.8 feet above mean sea level).

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	Well #1	EPA	STLC
Antimony	270	146	1,500
Arsenic	23	50	500
Chromium	420	50	5,000
Copper	310	100	25,000
Lead	42	50	5,000
Mercury	23	2	200
Nickel	610	-	20,000
Selenium	18	10	1,000
Silver	20	50	500
Zinc	300	500	250,000

In addition, the following contaminants were noted in the groundwater at Monitoring Well #1, which is located in the vicinity of the old paint sump; the maximum EPA limits for these contaminants in water supplies are also shown:

Total 1,2-Dichloroethene = 4.5 ug/l	(Not Available)
Benzene = 4.0 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 4.0 ug/l	(EPA = 680 ug/l)

The heavy metals of mercury and lead decreased in concentration since the last analysis, however, antimony, nickel, selenium, and silver increased in the groundwater at this site.

We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Chain of Custody Report
Appendix A: Chemical Analysis

CC: Mr. William Mannion, Ph.D.
1907 Las Gallinas Avenue
San Rafael, California 94903

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS

ADDRESS: 450 SAN ANTONIO RD #25
PALO ALTO, CA. 94306

PHONE: (415) 961-8387

PROJECT NAME/SITE: 198-A
BURLINGAME

SAMPLER: JOHN T. O'ROURKE

DATE: 6/20/91

REPORT TO: SAME

BILLING TO: SAME

TURNAROUND TIME:

8 HR.			
24 HR.		48 HR.		72 HR.	
5 DAY		10 DAY		15 DAY	X

PO#/BILLING REFERENCE:

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: 8020	8010	PRIORITY METALS	4/18-1	REMARKS	SAMPLE NUMBER
MW-1	WATER	5		9:30/6-20-91	X	X	X	X		
~~BEA~~										

RELINQUISHED BY: John T. O'Rourke — DATE: 6/20/91 — TIME: 10:30

RELINQUISHED BY: — DATE: — TIME:

RELINQUISHED BY: — DATE: — TIME:

RECEIVED BY:

RECEIVED BY:

RECEIVED IN LAB BY: [illegible] 6-20 1030

TRAVEL TIME:

ON SITE TIME:

OTHER:

WERE SAMPLES:	YES	NO
PRESERVED ?		
IN GOOD CONDITION?		

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID: 198-A Burlingame	Sampled:	Jun 20, 1991
450 San Antonio Rd., Suite 25	Sample Descript: Water, MW-1	Received:	Jun 20, 1991
Palo Alto, CA 94306		Analyzed:	6/28 - 7/5/91
Attention: John O'Rourke	Lab Number: 106-3083 A	Reported:	Jul 15, 1991

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	100	270
Arsenic	5.0	23
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	10	420
Copper	10	310
Lead	5.0	42
Mercury	0.50	0.5
Nickel	50	610
Selenium	5.0	15
Silver	10	22
Thallium	5.0	N.D.
Zinc	10	300

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle McBirney Springer
Project Manager

106-3083.HYG <3>

07-18-91 23:00 SEQUOIA ANALYTIC ID=415 364 9233 P.04

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A Burlingame	Sampled: Jun 20, 1991
450 San Antonio Rd., Suite 25	Sample Descript:	Water, MW-1	Received: Jun 20, 1991
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed: Jul 9, 1991
Attention: John O'Rourke	Lab Number:	106-3083 C-D	Reported: Jul 15, 1991

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	2.0	N.D.
Bromomethane	2.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethylvinyl ether	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	4.6
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	2.0	N.D.
trans-1,3-Dichloropropene	2.0	N.D.
Methylene chloride	4.0	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	N.D.
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	N.D.
Trichlorofluoromethane	2.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malle McBirney Springer
Project Manager

106-3083.HYG <1>

07-18-91 22:58 SEQUOIA ANALYTIC ID=415 364 9233 P.02

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A Burlingame	Sampled: Jun 20, 1991
450 San Antonio Rd., Suite 25	Sample Descript:	Water, MW-1	Received: Jun 20, 1991
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed: Jul 9, 1991
Attention: John O'Rourke	Lab Number:	106-3083 C-D	Reported: Jul 15, 1991

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	1.0	4.0
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
Ethyl Benzene	1.0	4.0
Toluene	1.0	N.D.
Xylene	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Malie McBirney Springer
Project Manager

106-3083.HYG <2>

07-18-91 22:58 SEQUOIA ANALYTIC ID=415 364 9233 P.03

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	198-A Burlingame	Sampled:	Jun 20, 1991
450 San Antonio Rd., Suite 25	Matrix Descript:	Water	Received:	Jun 20, 1991
Palo Alto, CA 94306	Analysis Method:	EPA 418.1 (I.R. with clean-up)	Extracted:	Jun 25, 1991
Attention: John O'Rourke	First Sample #:	106-3083	Analyzed:	Jun 26, 1991
			Reported:	Jul 15, 1991

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
106-3083	MW-1	N.D.

Detection Limits:	1.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Malle McBirney Springer
Project Manager

106-3083.HYG <4>

07-18-91 23:01 SEQUOIA ANALYTIC ID=415 384 8233 P.05

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.
450 San Antonio Rd., Suite 25
Palo Alto, CA 94306
Attention: John O'Rourke

Client Project ID: 198-A Burlingame
QC Sample Group: 106-3083

Reported: Jul 15, 1991

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Benzene	Toluene	Chloro-benzene	Mercury
Method:	EPA 601	EPA 601	EPA 601	EPA 602	EPA 602	EPA 602	EPA 245.1
Analyst:	J. Montierth	J. Montierth	J. Montierth	J. Montierth	J. Montierth	J. Montierth	C. Medefesser
Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Date Analyzed:	Jul 9, 1991	Jul 9, 1991	Jul 9, 1991	Jul 9, 1991	Jul 9, 1991	Jul 9, 1991	Jun 28, 1991
QC Sample #:	BLK070991 MS	BLK070991 MS	BLK070991 MS	BLK070991 MS	BLK070991 MS	BLK070991 MS	106-2824
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Conc. Matrix Spike:	2.5	2.2	2.0	1.9	1.9	2.2	2.0
Matrix Spike % Recovery:	130	110	100	95	95	110	100
Conc. Matrix Spike Dup.:	2.4	2.2	2.0	1.8	1.9	2.2	2.0
Matrix Spike Duplicate % Recovery:	120	110	100	90	95	110	100
Relative % Difference:	4.1	0.0	0.0	5.4	0.0	0.0	0.0

SEQUOIA ANALYTICAL

Malie McBirney Springer
Project Manager

$$\text{\% Recovery:} = \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

106-3083.HYG <5>

07-15-91 23:01 SEQUOIA ANALYTIC ID=415 364 9233 P.06

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc. Client Project ID: 198-A Burlingame
450 San Antonio Rd., Suite 25
Palo Alto, CA 94306
Attention: John O'Rourke QC Sample Group: 106-3083 Reported: Jul 15, 1991

QUALITY CONTROL DATA REPORT

ANALYTE	Arsenic	Selenium	Lead	Beryllium	Cadmium	Chromium	Copper
Method:	EPA 206.2	EPA 270.2	EPA 239.2	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7
Analyst:	F. Contreras	F. Contreras	V. Patel	C. Madefesser	C. Madefesser	C. Madefesser	C. Madefesser
Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Date Analyzed:	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991
QC Sample #:	107-0048	107-0048	106-3656	106-3656	106-3656	106-3656	106-3656
Sample Conc.:	6.9	N.D.	8.8	N.D.	N.D.	N.D.	91
Spike Conc. Added:	500	500	1,000	1,000	1,000	1,000	5,000
Conc. Matrix Spike:	550	490	930	1,000	1,100	1,100	6,100
Matrix Spike % Recovery:	110	98	92	100	110	110	120
Conc. Matrix Spike Dup.:	560	520	910	1,100	1,100	1,100	6,200
Matrix Spike Duplicate % Recovery:	110	100	90	110	110	110	120
Relative % Difference:	1.8	6.9	2.2	9.5	0.0	0.0	1.6

SEQUOIA ANALYTICAL

Malle McBirney Springer
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

106-3083.HYG <6>

07-15-91 23:02 SEQUOIA ANALYTIC ID=415 364 9233 P.07

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.
450 San Antonio Rd., Suite 25
Palo Alto, CA 94306
Attention: John O'Rourke

Client Project ID: 198-A Burlingame
QC Sample Group: 106-3083

Reported: Jul 15, 1991

QUALITY CONTROL DATA REPORT

ANALYTE	Nickel	Silver	Zinc	Antimony	Thallium	TRPH
Method:	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7	EPA 279.2	EPA 418.1
Analyst:	C. Madefesser	C. Madefesser	C. Madefesser	C. Madefesser	F. Contreras	M. Fazzio
Reporting Units:	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
Date Analyzed:	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jul 5, 1991	Jun 26, 1991
QC Sample #:	106-3656	106-3656	106-3656	106-3656	106-3083	Matrix
Sample Conc.:	N.D.	N.D.	370	N.D.	N.D.	N.D.
Spike Conc. Added:	1,000	5,000	1,000	1,000	250	40
Conc. Matrix Spike:	1,100	5,000	1,500	1,100	230	41
Matrix Spike % Recovery:	110	100	110	110	92	100
Conc. Matrix Spike Dup.:	1,100	4,900	1,500	1,100	230	41
Matrix Spike Duplicate % Recovery:	110	100	110	110	92	100
Relative % Difference:	0.0	2.0	0.0	0.0	0.0	0.0

SEQUOIA ANALYTICAL

Malle McBirney Springer
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$

106-3083.HYG <7>

07-16-91 23:03 SEQUOIA ANALYTIC ID=415 384 8233 P.08

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

September 25, 1990
Project 198-A

#6

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Proposed Mitigation Measures
Mercury Contaminated Soil
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

We have been monitoring the groundwater at the captioned site for over a year and find that the concentration of mercury is high in Boring #1; see Plot Plan. Boring #1 is located in the vicinity of an old paint sump at the former Tee-Van Paint Company which was located at 1019 Rollins Road in Burlingame, California. It is our understanding that a major portion of the paint and solvent contaminated soil was removed from this 10 foot by 17 foot sump on November 13, 1985, in accordance with instructions from San Mateo County Department of Environmental Health. The excavation was then filled with clean soil. The exact depth of the sump is not known, however, it possibly did not extend much below the groundwater level, which is encountered at a depth of 7.5 feet below the ground surface. The groundwater is brackish and influenced by tidal movement in the nearby San Francisco Bay.

High mercury levels have not been noted in groundwater in the two nearby monitoring wells. It is recommended that the soil in the adjacent to the old sump be evaluated as to the extent of contamination by drilling 5 addition probes around the sump to a depth of 15 feet and sampling the soil at 5-foot intervals and sampling the groundwater encountered in the probes. In addition, a 30 foot deep boring will be drilled, and sampled at 5-foot intervals, in the sump. All soil and water samples will be tested for mercury.

At the conclusion of the drilling operation, the perimeter probes will be filled with cement grout consisting of not more than two parts of sand and one part Portland cement to 5 to 7 gallons of clean water, and 5% bentonite. The lower 14 feet of the boring drilled in the sump will be filled with bentonite; the soil in the upper portion of the sump is to be removed.

The extend of soil contamination will be delineated, based on the information obtained from the above borings, and all mercury contaminated soil will be excavated and safely transported by Exceltech to a Class I disposal area.

Drilling and sampling will be done by Exceltech, using a hollow stem auger, in accordance with County and EPA standards.

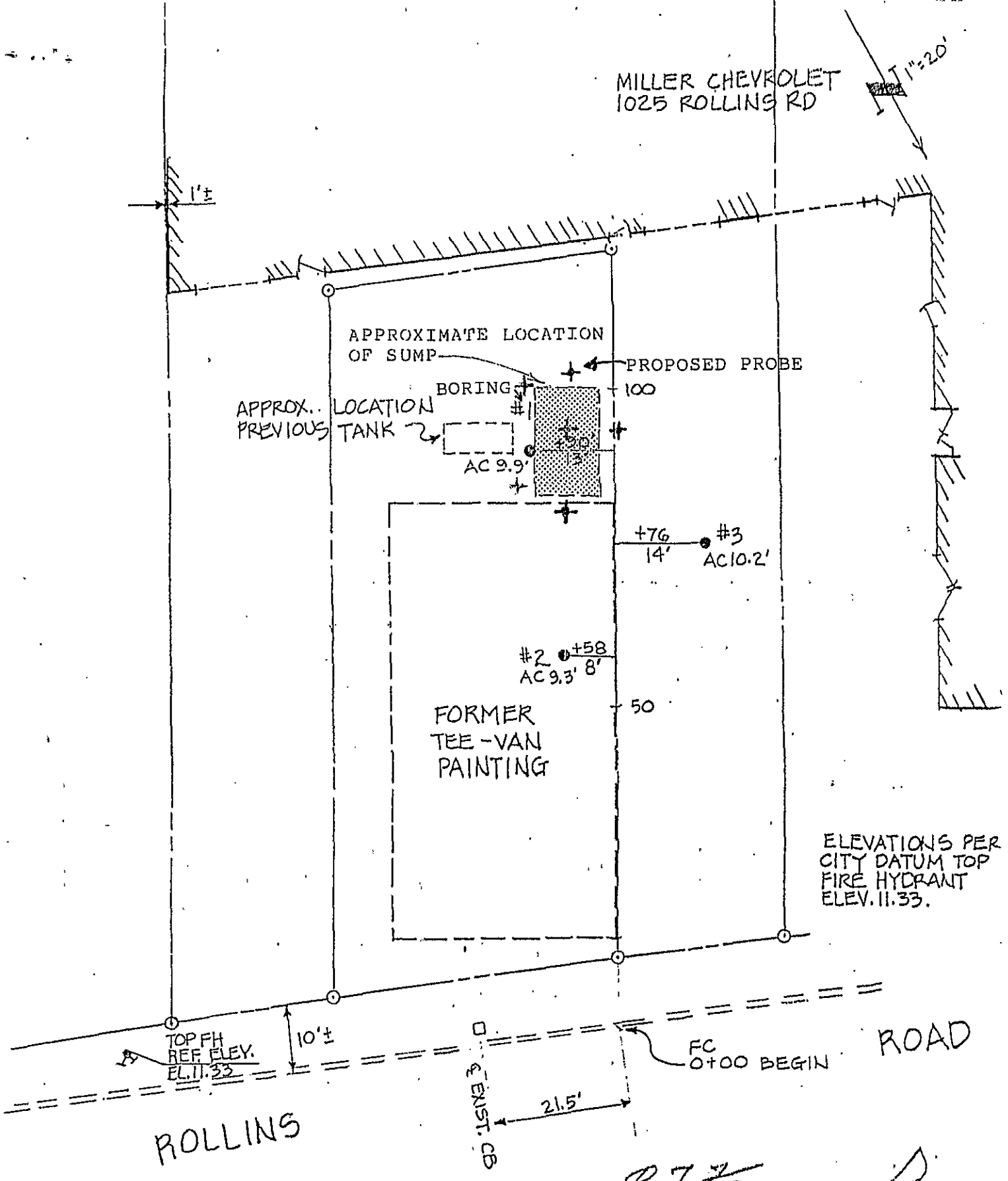
We intend to work closely with the County and other regulatory agencies in the evaluation and the removal of the contaminated soil from this site. We look forward to your comments and any recommendations and/or modifications to this proposal.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Plot Plan
3 copies submitted



PLOT PLAN

Charles L. Kavanagh
RCE 20858
Exp 9-30-89

APPR: CLK	**KAVANAGH ENGINEERING**	DWG.
BY: cld	708 CAROLAN AVE. BURLINGAME, CA. 94010 (415) 579-1944	SK-1
JOB: 8641 BR MOL #3	1019 Rollins Rd. Burlingame, Ca.	SCALE: 1" = 20'
	TEST WELL LOCATIONS	HYDRO GEO CONSULTANTS, INC.

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

April 27, 1990
Project 198-A

5

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the March 14, 1990 groundwater analysis of the existing 3 monitoring wells at the captioned site, as you verbally authorized.

Three monitoring wells were installed at this site on May 7, 1986, in the vicinity of a paint disposal sump and former underground gasoline and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in the report by John T. O'Rourke & Associates titled "Subsurface Investigation, Soil and Groundwater Conditions, 1019 Rollins Road, Burlingame, California", dated June 25, 1986. The groundwater in the monitoring wells was subsequently analyzed on December 2, 1986 and May 1, 1987.

After purging the wells of 4 well volumes of water, a groundwater sample was obtained, using a teflon hand bailer that was cleaned between sampling with distilled water. Groundwater samples were collected in pre-cleaned sample bottles provided by the testing laboratory; 5 samples were obtained from each well. The groundwater samples were placed on ice and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are presented in Appendix A.

The site is located near San Francisco Bay, and groundwater levels appear to be influenced by tidal fluctuations.

The groundwater conditions in the monitoring wells on March 14, 1990, prior to sampling, were as follows:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:15 AM	7.9 feet	2.0 feet
2	10:50 AM	7.3 feet	2.6 feet
3	11:00 AM	8.2 feet	2.0 feet

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	Well #1	Well #2	Well #3	EPA	STLC
Chromium	1,200	900	760	50	5,000
Copper	390	230	260	100	25,000
Lead	190	140	69	50	5,000
Mercury	190	6.4	4	2	200
Nickel	1,900	2,000	1,700	-	20,000
Selenium	-	-	-	10	1,000
Zinc	850	450	560	500	250,000

In addition, the following contaminants were noted in Monitoring Well #1, which is located in the old paint sump; the maximum EPA limits for these contaminants in water supplies are also shown:

Total 1,2-Dichloroethene = 16 ug/l	(Not Available)
Benzene = 8.6 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 12 ug/l	(EPA = 680 ug/l)
Xylene = 6.7 ug/l	(EPA = 1750 ug/l)

The heavy metals in the groundwater at this site are above that required by EPA drinking water standards. However, the contaminants are below the Department of Health Service's hazardous waste levels (STLC).

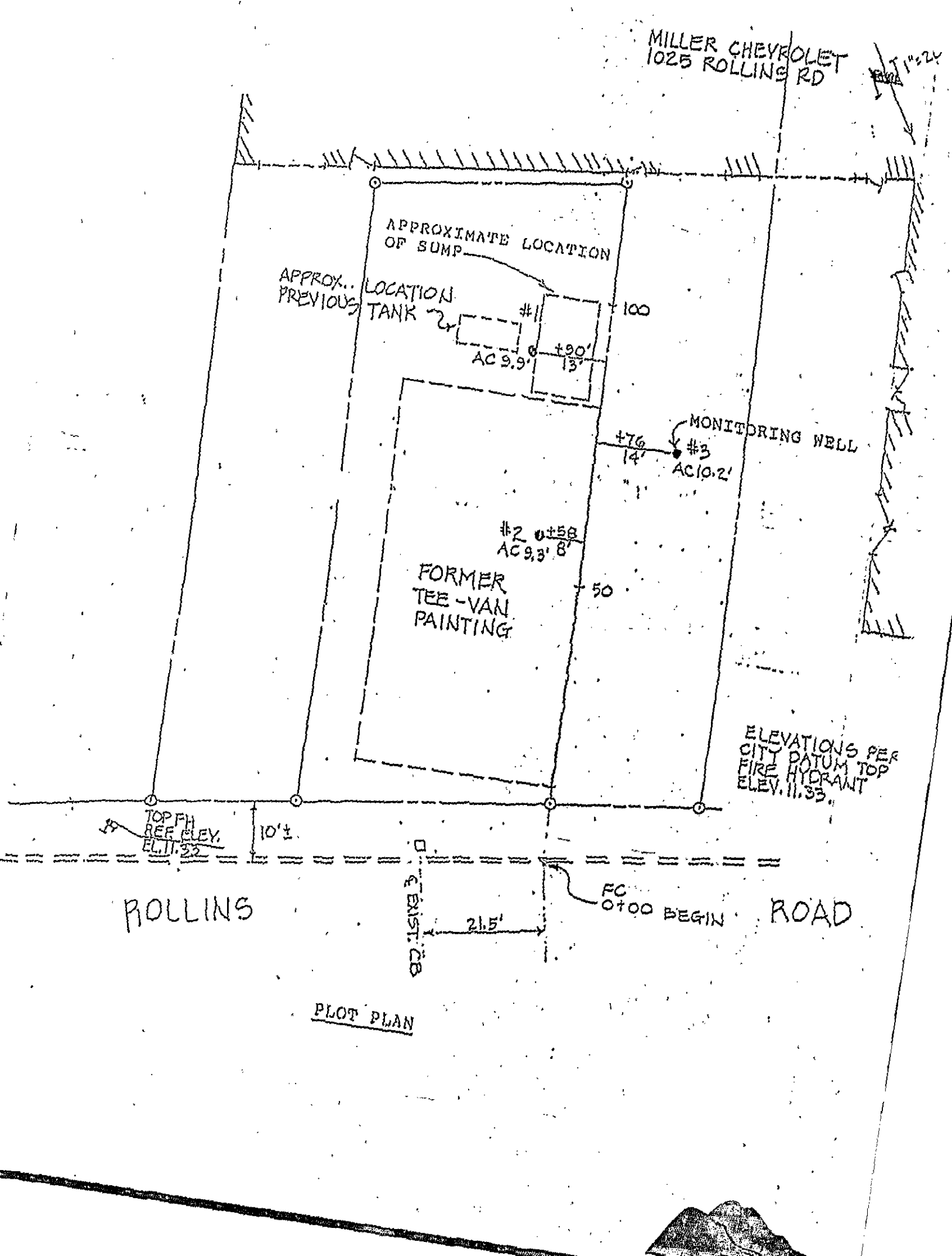
We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Plot Plan
Chain of Custody Report
Appendix A: Chemical Analysis


MILLER CHEVROLET
1025 ROLLING RD
1"=20'
APPROXIMATE LOCATION OF SUMP
APPROX. LOCATION PREVIOUS TANK
#1
AC 9.9'
±90'
13'
±100
MONITORING WELL
±76
14'
#3
AC 10.2'
#2 ±58
AC 9.3' 8'
FORMER TEE-VAN PAINTING
±50
ELEVATIONS PER CITY DATUM TOP FIRE HYDRANT ELEV. 11.33'.
TOP FH REF ELEV. EL. 11.22
10'±
ROLLINS
EXIST. CB
21.5'
FC 0+00 BEGIN
ROAD

PLOT PLAN

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS

ADDRESS: 450 SAN ANTONIO RD #25
PALO ALTO, CA 94306

PHONE: (415) 961-8387

PROJECT NAME/SITE: 198-A
1019 ROLLINS, BURLINGAME, CA

SAMPLER: J. O'R

DATE: 3/14/90

REPORT TO:

BILLING TO:

TURNAROUND TIME:

8 HR.					
24 HR.		48 HR.		72 HR.	
5 DAY		10 DAY		15 DAY	✓

PO#/BILLING REFERENCE:

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED: PRIORITY METALS	EPA 418.1	EPA 8015/D	EPA 8020	REMARKS	SAMPLE NUMBER
W-1	WATER	6			✓	✓	✓	✓		
W-2	"	6			✓	✓	✓	✓		
W-3	"	6			✓	✓	✓	✓		

RELINQUISHED BY: John T. O'Rourke — DATE: 3/14/90 — TIME: 12:25

RELINQUISHED BY: — DATE: — TIME:

RELINQUISHED BY: — DATE: — TIME:

RECEIVED BY:

RECEIVED BY:

RECEIVED IN LAB BY: 3/14/90 12:30
Vicki A. Herrera

TRAVEL TIME:

ON SITE TIME:

OTHER:

WERE SAMPLES:	YES	NO
PRESERVED ?		
IN GOOD CONDITION?	X	

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled: Mar 14, 1990
450 San Antonio Rd., Suite 25	Matrix Descript:	Water	Received: Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 418.1 (I.R. with clean-up)	
Attention: John O'Rourke	First Sample #:	003-1854 C	Analyzed: Mar 29, 1990
			Reported: Apr 3, 1990

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
0031854 C	W-1	N.D.
0031855 C	W-2	N.D.
0031856 C	W-3	N.D.

Detection Limits:	1.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	Burlingame	Sampled:	Apr 16, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Apr 16, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	004-2157	Reported:	Apr 25, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	32
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	1200
Copper	10	350
Lead	5.0	190
Mercury	0.20	N.D.
Nickel	50	1300
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	850

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-1	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1854 D - F	Reported:	Apr 3, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	16
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-1	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1854 B	Reported:	Apr 3, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	8.6
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.50	12
Toluene	0.50	N.D.
Xylene	0.50	6.7

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-2	Received:	Mar 14, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	003-1855 A	Reported:	Apr 3, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	N.D.
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	10	300
Copper	10	220
Lead	5.0	14
Mercury	1.0	0.4
Nickel	50	2100
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	450

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled: Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-2	Received: Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed: Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1855 D - F	Reported: Apr 3, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	N.D.
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-2	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1855 B	Reported:	Apr 3, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.50	N.D.
Toluene	0.50	N.D.
Xylene	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-3	Received:	Mar 14, 1990
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	003-1856 A	Reported:	Apr 3, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500	N.D.
Arsenic	10	N.D.
Beryllium	10	N.D.
Cadmium	10	N.D.
Chromium	5.0	760
Copper	10	260
Lead	5.0	69
Mercury	1.0	4.0
Nickel	50	1,700
Selenium	10	N.D.
Silver	10	N.D.
Thallium	500	N.D.
Zinc	10	560

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL
680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins, Burlingame	Sampled:	Mar 14, 1990
450 San Antonio Rd., Suite 25	Sample Descript:	Water, W-3	Received:	Mar 14, 1990
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Mar 27, 1990
Attention: John O'Rourke	Lab Number:	003-1856 D - F	Reported:	Apr 3, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.50	1.0
Chloromethane	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

HYDRO-GEO CONSULTANTS, INC.
450 San Antonio Road, Suite 25, Palo Alto, CA 94306
(415) 961-8387

January 15, 1990
Project 198-A

4

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Subject: Groundwater Monitoring
1019 Rollins Road
Burlingame, California

Dear Mr. Molakidis:

This letter presents the results of the December 14, 1989 groundwater analysis of the existing 3 monitoring wells at the captioned site, as you verbally authorized.

Three monitoring wells were installed at this site on May 7, 1986, in the vicinity of a paint disposal sump and former underground gasoline and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in the report by John T. O'Rourke & Associates titled "Subsurface Investigation, Soil and Groundwater Conditions, 1019 Rollins Road, Burlingame, California", dated June 25, 1986. The groundwater in the monitoring wells was subsequently analyzed on December 2, 1986 and May 1, 1987.

After purging the wells of 4 well volumes of water, a groundwater sample was obtained, using a teflon hand bailer that was cleaned between sampling with distilled water. Groundwater samples were collected in pre-cleaned sample bottles provided by the testing laboratory; 5 samples were obtained from each well. The groundwater samples were placed on ice and transported to the testing laboratory on the day collected; see attached Chain of Custody Report. The water samples were tested for total Recoverable Petroleum Hydrocarbons, Halogenated Volatile Organics (EPA 8010), Aromatic Volatile Organics (EPA 8020), and EPA Priority Metals. The results of the analysis are presented in Appendix A.

The site is located near San Francisco Bay, and groundwater levels appear to be influenced by tidal fluctuations. A high tide of approximately 5.1 feet occurred at 12:40 PM in the vicinity of the site, on the day the samples were collected.

The groundwater conditions in the monitoring wells on December 14, 1989, prior to sampling, were as follows:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:15 AM	8.0 feet	1.9 feet
2	11:45 AM	7.4 feet	2.5 feet
3	11:00 AM	8.2 feet	2.0 feet

The chemical analysis indicates that the following heavy metals were present in parts per billion (ug/l) in the groundwater. The Environmental Protection Agency (EPA) drinking water standard for these metals and the Department of Health Services Soluble Threshold Limit Concentration (STLC) for classification as hazardous waste are also shown for the purpose of comparison.

Metal	Well #1	Well #2	Well #3	EPA	STLC
Chromium	100	150	98	50	5000
Copper	310	100	110	100	25000
Lead	110	150	32	50	5000
Mercury	-	2.5	-	2	200
Nickel	440	570	340	-	20000
Selenium	110	110	38	10	1000
Zinc	840	290	320	500	250000

In addition, the following contaminants were noted in Monitoring Well #1; the maximum EPA limits for these contaminants in water supplies is also shown:

Total 1,2-Dichloroethene = 12 ug/l	(Not Available)
Benzene = 0.99 ug/l	(EPA = 1.0 ug/l)
Ethyl Benzene = 1.9 ug/l	(EPA = 680 ug/l)
Xylene = 1.8 ug/l	(EPA = 1750 ug/l)

The heavy metals in the groundwater at this site are above that required by EPA drinking water standards. However, the contaminants are considerably below the Department of Health Service's hazardous waste levels. It should be noted that the groundwater in this area is saline and not used for drinking purposes.

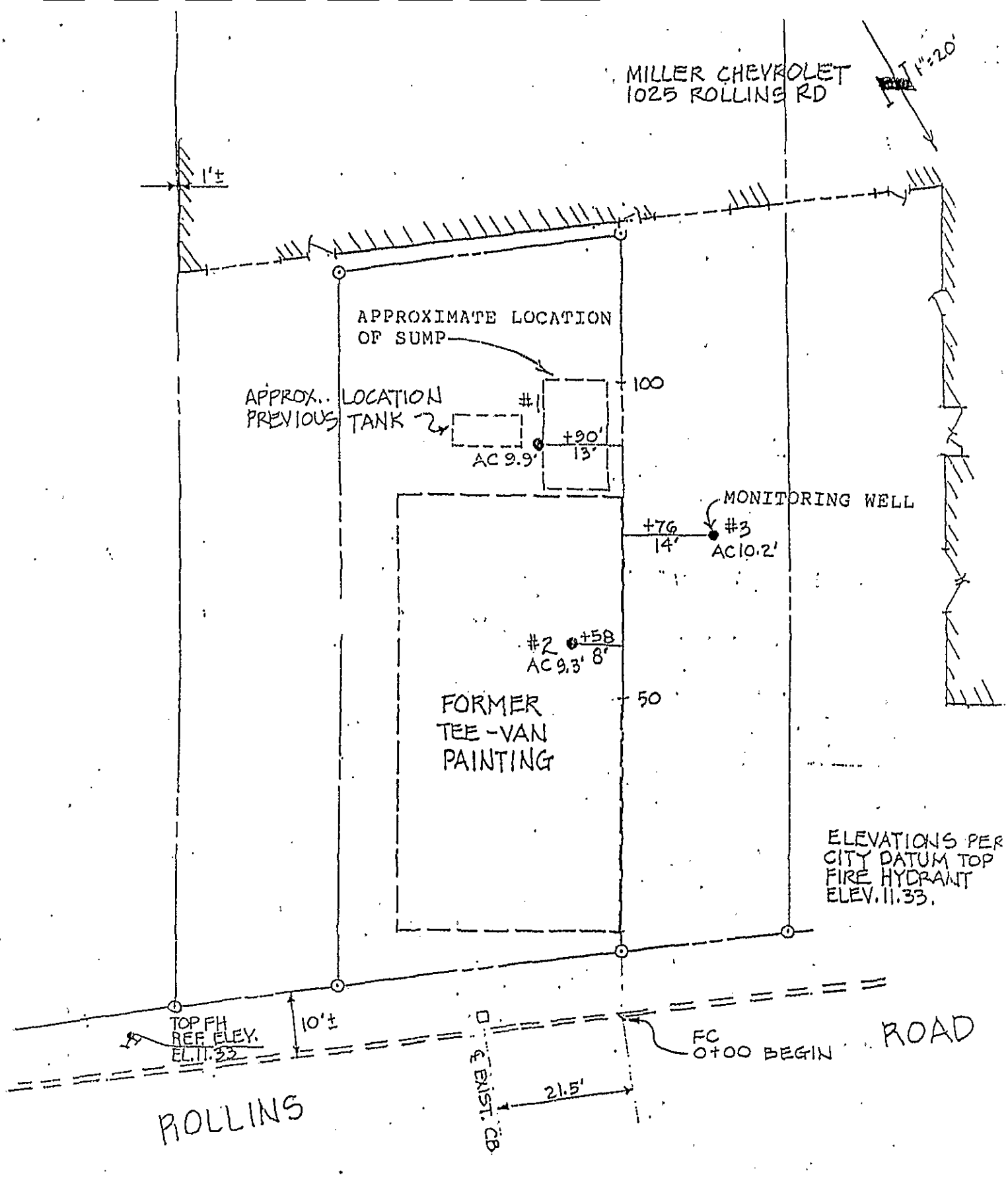
We trust that this information will be of assistance. If you have any questions, please do not hesitate to call.

Very truly yours,
HYDRO-GEO CONSULTANTS, INC.

John T. O'Rourke

John T. O'Rourke
Certified Engineering Geologist 419
Environmental Assessor 1206

JO'R/jod.
Attached: Plot Plan
Chain of Custody Report
Appendix A: Chemical Analysis



PLOT PLAN

HYDRO-GEO CONSULTANTS, INC.

APPENDIX A

CHEMICAL ANALYSIS

SEQUOIA ANALYTICAL
State-Certified Laboratory for Analysis of Water, Soil and Hazardous Materials

CHAIN OF CUSTODY REPORT

CLIENT: HYDRO-GEO CONSULTANTS
ADDRESS: 450 SAN ANTONIO RD #25 PALO ALTO, CA. 94306
PHONE: (415) 961-8387
PROJECT NAME/SITE: 198-A 1019 ROLLINS RD, BURLINGAME
SAMPLER: JOHN T. O'ROURKE
DATE: 12/14/89

REPORT TO: HYDRO-GEO 450 SAN ANTONIO #25 PALO ALTO, CA 94306
BILLING TO: "
PO#/BILLING REFERENCE:

TURNAROUND TIME:

8 HR.	
24 HR.	48 HR.	72 HR.
5 DAY	10 DAY	15 DAY ✓

ANALYSIS REQUESTED

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	Volatile Organic 8010-8020	Priority METALS	Oil/Grease								REMARKS	SAMPLE NUMBER
Well #1		5	metal oil/2VOA	amber	✓	✓	✓									
Well #2		5			✓	✓	✓									
Well #3		5			✓	✓	✓									

RELINQUISHED BY	DATE	TIME	RECEIVED BY	
John T. O'Rourke	12/14/89	1:00 pm		TRAVEL TIME: ON SITE TIME:
—				OTHER:
	12/14/89	1300	RECEIVED IN LAB BY: Brenda Ohm	

WERE SAMPLES:	YES	NO
PRESERVED ?	X	
IN GOOD CONDITION?	X	

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Matrix Descript:	Water	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 418.1 (I.R. with clean-up)		
Attention: John O'Rourke	First Sample #:	912-3242 B		
			Reported:	Jan 11, 1990

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
9123242 B	Well #1	N.D.
9123243 B	Well #2	N.D.
9123244 B	Well #3	N.D.

Detection Limits:	1.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3242 D - E	Reported:	Jan 11, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	0.5	N.D.
Dibromochloromethane	0.5	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	12
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

9123242.HYG <5>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3243 D - E	Reported:	Jan 11, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	0.5	N.D.
Dibromochloromethane	0.5	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8010	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3244 D - E	Reported:	Jan 11, 1990

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	0.5	N.D.
Dibromochloromethane	0.5	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	1.0	N.D.
Total 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	2.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3242 D - E	Reported:	Jan 11, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.5	0.99
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.5	1.9
Toluene	0.5	N.D.
Xylene	0.5	1.8

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3243 D - E	Reported:	Jan 11, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.5	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.5	N.D.
Toluene	0.5	N.D.
Xylene	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Dec 14, 1989
Palo Alto, CA 94306	Analysis Method:	EPA 5030/8020	Analyzed:	Dec 28, 1989
Attention: John O'Rourke	Lab Number:	912-3244 D - E	Reported:	Jan 11, 1990

AROMATIC VOLATILE ORGANICS (EPA 8020)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.5	N.D.
Chlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
Ethyl Benzene	0.5	N.D.
Toluene	0.5	N.D.
Xylene	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

9123242.HYG <10>

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #1	Received:	Dec 14, 1989
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	912-3242 A	Reported:	Jan 11, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500.0	N.D.
Arsenic	10.0	N.D.
Beryllium	10.0	N.D.
Cadmium	10.0	N.D.
Chromium	5.0	100
Copper	10.0	310
Lead	5.0	110
Mercury	1.0	N.D.
Nickel	50.0	440
Selenium	10.0	110
Silver	10.0	N.D.
Thallium	500.0	N.D.
Zinc	10.0	840

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #2	Received:	Dec 14, 1989
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	912-3243 A	Reported:	Jan 11, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500.0	N.D.
Arsenic	10.0	N.D.
Beryllium	10.0	N.D.
Cadmium	10.0	N.D.
Chromium	5.0	150
Copper	10.0	100
Lead	5.0	150
Mercury	1.0	2.5
Nickel	50.0	570
Selenium	10.0	110
Silver	10.0	N.D.
Thallium	500.0	N.D.
Zinc	10.0	290

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

Hydro-Geo Consultants, Inc.	Client Project ID:	#198-A, 1019 Rollins Rd.	Sampled:	Dec 14, 1989
450 San Antonio Rd., Suite 25	Sample Descript:	Water, Well #3	Received:	Dec 14, 1989
Palo Alto, CA 94306				
Attention: John O'Rourke	Lab Number:	912-3244 A	Reported:	Jan 11, 1990

E.P.A. PRIORITY POLLUTANTS: METALS

Analyte	Detection Limit µg/L (ppb)	Sample Results µg/L (ppb)
Antimony	500.0	N.D.
Arsenic	10.0	N.D.
Beryllium	10.0	N.D.
Cadmium	10.0	N.D.
Chromium	5.0	98
Copper	10.0	110
Lead	5.0	32
Mercury	1.0	N.D.
Nickel	50.0	340
Selenium	10.0	38
Silver	10.0	N.D.
Thallium	500.0	N.D.
Zinc	10.0	320

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Elizabeth W. Hackl
Project Manager

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER
450 SAN ANTONIO RD., SUITE 25 • PALO ALTO, CA 94306 • (415) 961-8387

3

May 28, 1987
Project 198-A

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Dear Mr. Molakidis,

Subject: Groundwater Analysis
1019 Rollins Road
Burlingame, California

Presented herein are the results of the May 1, 1987 groundwater analysis of the existing monitoring wells located at the former Teevan Painting Company site in Burlingame, California. Three monitoring wells were installed on May 7, 1986 in the vicinity of a paint disposal sump and former underground gasoline storage and paint thinner tanks at the locations shown on the attached Plot Plan. The site conditions were described in our June 25, 1986 report titled: "Subsurface Investigation Soil and Groundwater, 1019 Rollins Road, Burlingame, California". A subsequent analysis of the groundwater was performed on December 2, 1986.

The following groundwater levels were measured on May 1, 1987, prior to sampling:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:30 AM	7.5 feet	2.4 feet
2	11:30 AM	7.1 feet	2.2 feet
3	9:30 AM	7.9 feet	2.0 feet

Groundwater samples were obtained by purging each well of approximately 100 gallons of water using a nitrogen-activated bladder pump (ISCO Model 2600). After purging, a groundwater sample was taken with a teflon hand bailer that was cleaned between sampling with distilled water. Samples were collected in pre-cleaned glass vials (40 ml.) fitted with teflon caps. The filled 40 ml. vials were placed inside a larger glass bottle which was placed in a cooler with ice. Groundwater samples, to be tested for cadmium, were collected in laboratory prepared, acid-treated, one liter plastic bottle. The water samples were transported to the testing laboratory on the day of their collection.

Groundwater from each monitoring well, and a "travel blank" were analyzed by Sequoia Analytical Laboratory in Redwood City, California. The samples were analyzed for priority pollutants, volatile organic compounds by EPA Methods 601 and 602, cadmium, and oil/grease.

The results of the analysis, presented as an Appendix to this letter, indicates that there is no contamination of the groundwater at this site.

We have enjoyed working with you on this project. If you have any questions please do not hesitate to call.

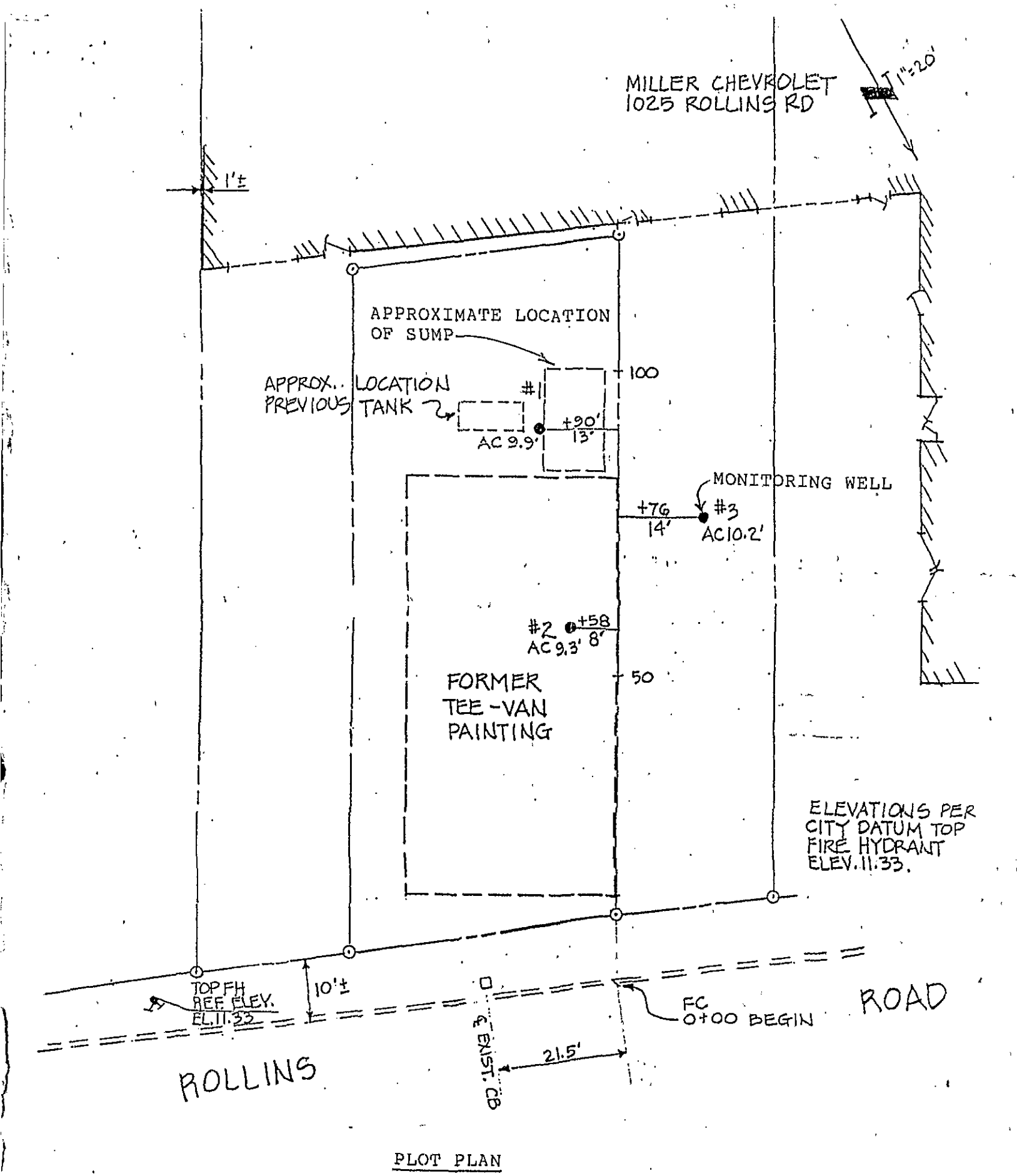
Very truly yours,
JOHN T. O'ROURKE & ASSOCIATES

John T. O'Rourke

John T. O'Rourke, CEG 419
Principal

JO'R/jod.
3 copies submitted

Attached: Plot Plan
Appendix: Chemical Analysis


MILLER CHEVROLET
1025 ROLLINS RD
1"=20'
1'±
APPROXIMATE LOCATION
OF SUMP
APPROX.. LOCATION
PREVIOUS TANK
#1
+90'
13'
AC 9.9'
100
MONITORING WELL
+76
14'
#3
AC 10.2'
#2
+58
8'
AC 9.3'
FORMER
TEE-VAN
PAINTING
50
ELEVATIONS PER
CITY DATUM TOP
FIRE HYDRANT
ELEV. 11.33.
TOP FH
REF. ELEV.
EL. 11.33
10'±
FC
0+00 BEGIN
ROAD
ROLLINS
6" ENST. CB
21.5'

PLOT PLAN

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050010	Water Well #1

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS

results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050010	Water Well #1

ANALYSIS

Cadmium, mg/L	< 0.01
Oil & Grease, mg/L	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050011	Water Well #2

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050011	Water Well #2

ANALYSIS

Cadmium, mg/L	< 0.01
Oil & Grease, mg/L	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Extracted: 05-15-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050012	Water Well #3

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	< 0.5	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	< 0.5
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	< 0.5	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	< 0.5
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 601 & 602 of the EPA were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05-01-87
Date Received: 05-01-87
Date Reported: 05-26-87

Sample Number	Sample Description
7050012	Water Well #3

ANALYSIS

Cadmium, mg/L	0.01
Oil & Grease, mg/L	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER
450 SAN ANTONIO RD., SUITE 25 • PALO ALTO, CA 94306 • (415) 961-8387

December 22, 1986
Project 198-A

#2

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Dear Mr. Molakidis:

Subject: GROUNDWATER ANALYSIS
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Presented herein are the results of the December 2, 1986 groundwater analysis at the three existing monitoring wells located at the former Teevan Painting Company site. The monitoring wells were installed on May 7, 1986 in the vicinity of a paint disposal sump and a former underground gasoline storage tank and paint thinner tank at the locations shown on the attached Plot Plan. The site conditions were described in our June 25, 1986 report titled: "Subsurface Investigation Soil and Groundwater, 1019 Rollins Road, Burlingame, California".

The analysis, undertaken to meet the requirements of the County of San Mateo Department of Environmental Health, as outlined in their letter of July 21, 1986.

The following groundwater levels were measured on December 2, 1986, prior to sampling:

Well	Time	Depth to Water	Water Elevation (MSL)
1	10:23 AM	8.1 feet	1.8 feet
2	1:20 PM	7.3 feet	2.0 feet
3	11:53 AM	8.2 feet	2.0 feet

Groundwater samples were obtained by purging each well of approximately 100 gallons of water using a nitrogen-activated bladder pump (ISCO Model 2600). After purging, a groundwater sample was taken with a teflon hand bailer that was cleaned between sampling with distilled water. Samples were collected in pre-cleaned glass vials (40 ml.) fitted with teflon caps. The filled 40 ml. viles were placed inside a larger glass bottle. Groundwater samples, to be tested for heavy metals, were collected in laboratory prepared, acid-treated, one liter plastic bottles. All of the samples were placed on ice and transported to the laboratory on the day of their collection.

Groundwater samples from each monitoring well, and a "travel blank" were analyzed by Sequoia Analytical Laboratory in Redwood City, California. The samples were analyzed for priority pollutants, volatile organic compounds (EPA Method 601), total hydrocarbons (waste oil), cadmium, copper, lead, mercury, nickel, zinc, and titanium (EPA Method 3510). The results of the analysis, presented as an Appendix to this letter, indicates that there is no major contamination of the groundwater at this site.

To date, there has not been any significant rainfall, and groundwater levels are similiar to those measured on June 24, 1986.

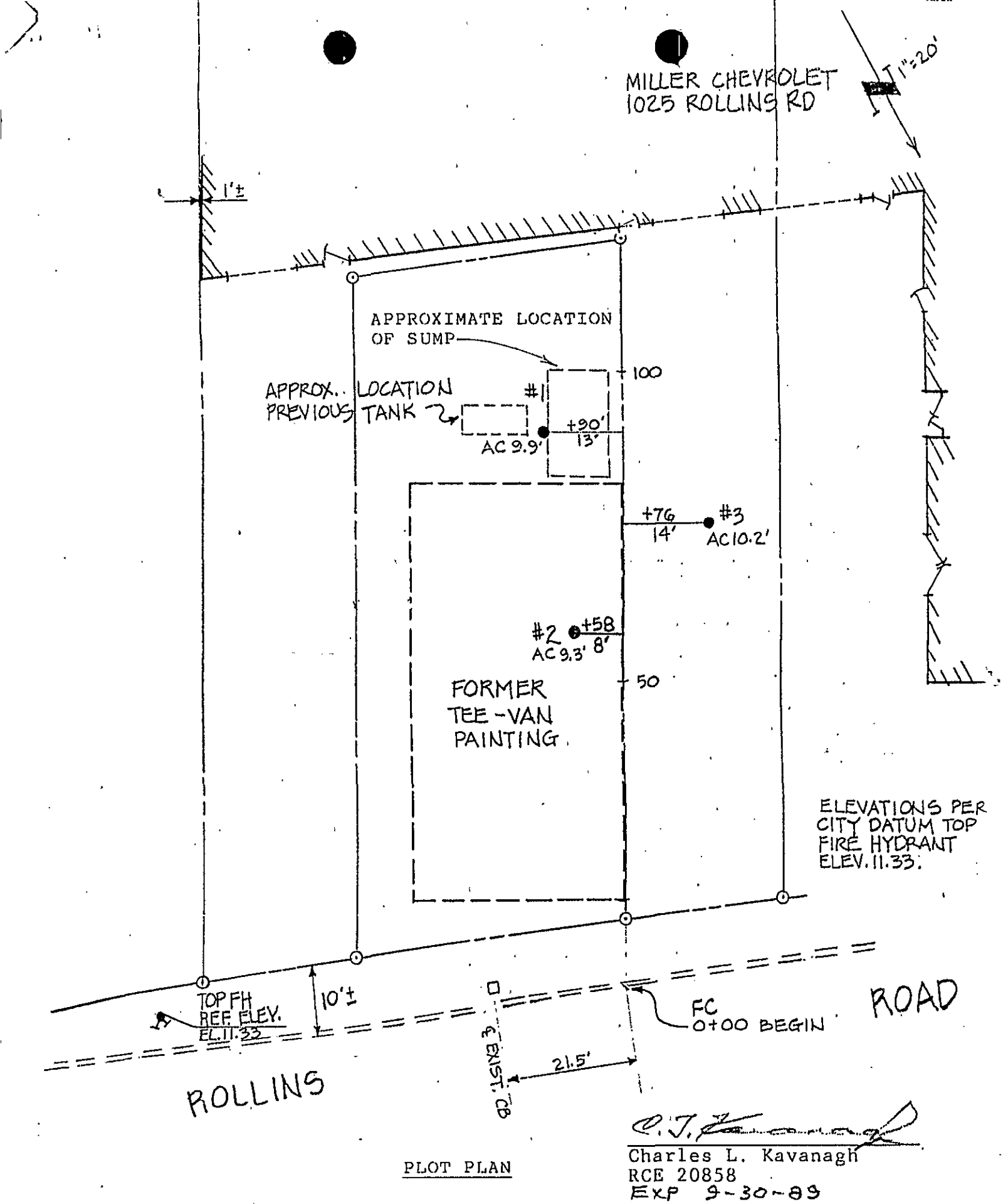
We have enjoyed working with you on this project. If you have any questions please do not hesitate to call.

Very truly yours,
JOHN T. O'ROURKE & ASSOCIATES

John T. O'Rourke

John T. O'Rourke, CEG 419
Principal

JO'R/jod.
3 copies submitted



PLOT PLAN

C. J. Kavanagh

Charles L. Kavanagh
RCE 20858
EXP 9-30-89

APPR: CLK BY: CLK	**KAVANAGH ENGINEERING** 708 CAROLAN AVE. BURLINGAME, CA. 94010 (415) 579-1944 1019 Rollins Rd. Burlingame, Ca.	DWG. **SK-1**
JOB: 8641 BR MOL #3	**TEST WELL LOCATIONS**	SCALE: 1" = 20' DATE: 5-6-86

APPENDIX

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number
6120109

Sample Description
1019 Rollins Rd. in Burlingame, Well #1 - Water Sample

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	-		trans-1,2-Dichloroethene	1.9	.1 PPM
Acrylonitrile	-		1,2-Dichloropropane	< 0.5	
Benzene	-		1,3-Dichloropropene	< 0.5	
Bromomethane	< 0.5		Ethylbenzene	-	
Bromodichloromethane	< 0.5		Methylene chloride	< 0.5	
Bromoform	< 0.5		1,1,2,2-Tetrachloroethane	< 0.5	
Carbon tetrachloride	< 0.5		Tetrachloroethene	< 0.5	
Chlorobenzene	-		1,1,1-Trichloroethane	< 0.5	
Chloroethane	< 0.5		1,1,2-Trichloroethane	< 0.5	
2-Chloroethylvinyl ether	< 0.5		Trichloroethene	< 0.5	
Chloroform	< 0.5		Toluene	-	
Chloromethane	< 0.5		Vinyl chloride	< 0.5	
Dibromochloromethane	< 0.5		1,2-Dichlorobenzene	< 0.5	
1,1-Dichloroethane	< 0.5		1,3-Dichlorobenzene	< 0.5	
1,2-Dichloroethane	< 0.5		1,4-Dichlorobenzene	< 0.5	
1,1-Dichloroethene	< 0.2				

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120109	1019 Rollins Rd. in Burlingame, Well #1 - Water Sample

ANALYSIS

		DRINKING H2O
Cadmium, mg/L	0.01	.01 PPM
Copper, mg/L	< 0.1	
Lead, mg/L	< 0.005	
Mercury, mg/L	< 0.001	
Nickel, mg/L	0.07	1.0 PPM IN ROLLIN
Zinc, mg/L	< 0.05	
Titanium, mg/L	< 0.1	
Waste Oil, ppm	< 5	

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number
6120109

Sample Description
1019 Rollins Rd. in Burlingame, Well #1 - Water Sample

ANALYSIS

	Detection Limit ppb	Sample Results ppb
Total Hydrocarbons	50	< 50
Benzene	0.5	< 0.5
Toluene	0.5	< 0.5
Xylenes	0.5	< 0.5

NOTE: Analysis was performed using EPA method 602.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number

6120110

Sample Description

1019 Rollins Rd. in Burlingame, Well #2 - Water Sample

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	0.5
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform	<	0.5	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120110	1019 Rollins Rd. in Burlingame, Well #2 - Water Sample

ANALYSIS

Cadmium, mg/L	0.02	.01 STANDARD
Copper, mg/L	< 0.1	
Lead, mg/L	< 0.005	
Mercury, mg/L	< 0.001	
Nickel, mg/L	0.21	1.0 AA
Zinc, mg/L	0.05	
Titanium, mg/L	< 0.1	
Waste Oil, ppm	18	

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120110	1019 Rollins Rd. in Burlingame, Well #2 - Water Sample

ANALYSIS

	Detection Limit ppb	Sample Results ppb
Total Hydrocarbons	50	< 50
Benzene	0.5	< 0.5
Toluene	0.5	< 0.5
Xylenes	0.5	< 0.5

NOTE: Analysis was performed using EPA method 602.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number

6120111

Sample Description
1019 Rollins Rd. in Burlingame, Well #3 - Water Sample

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	0.5
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform		0.54	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number	Sample Description
6120111	1019 Rollins Rd. in Burlingame, Well #3 - Water Sample

ANALYSIS

Cadmium, mg/L	0.03
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	0.15
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Waste Oil, ppm	< 5

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 12/02/86
Date Received: 12/02/86
Date Reported: 12/19/86

Sample Number
6120111

Sample Description
1019 Rollins Rd. in Burlingame, Well #3 - Water Sample

ANALYSIS

	Detection Limit ppb	Sample Results ppb
Total Hydrocarbons	50	< 50
Benzene	0.5	< 0.5
Toluene	0.5	< 0.5
Xylenes	0.5	< 0.5

NOTE: Analysis was performed using EPA method 602.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: -
Date Received: 12/02/86
Date Extracted: 12/15/86
Date Reported: 12/19/86

Sample Number

6120116

Sample Description

1019 Rollins Rd. in Burlingame - Travel Blank

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	0.5
Acrylonitrile		-	1,2-Dichloropropane	<	0.5
Benzene		-	1,3-Dichloropropene	<	0.5
Bromomethane	<	0.5	Ethylbenzene		-
Bromodichloromethane	<	0.5	Methylene chloride	<	0.5
Bromoform	<	0.5	1,1,2,2-Tetrachloroethane	<	0.5
Carbon tetrachloride	<	0.5	Tetrachloroethene	<	0.5
Chlorobenzene		-	1,1,1-Trichloroethane	<	0.5
Chloroethane	<	0.5	1,1,2-Trichloroethane	<	0.5
2-Chloroethylvinyl ether	<	0.5	Trichloroethene	<	0.5
Chloroform	<	0.5	Toluene		-
Chloromethane	<	0.5	Vinyl chloride	<	0.5
Dibromochloromethane	<	0.5	1,2-Dichlorobenzene	<	0.5
1,1-Dichloroethane	<	0.5	1,3-Dichlorobenzene	<	0.5
1,2-Dichloroethane	<	0.5	1,4-Dichlorobenzene	<	0.5
1,1-Dichloroethene	<	0.2			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER
450 SAN ANTONIO RD., SUITE 25 • PALO ALTO, CA 94306 • (415) 961-8387

June 25, 1986
Project 198-A

#1

Mr. Alfred G. Molakidis
627 Occidental Avenue
San Mateo, California 94402

Dear Mr. Molakidis:

SUBSURFACE INVESTIGATION
SOIL AND GROUNDWATER
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

INTRODUCTION

This report presents the results of our evaluation of the soil and groundwater for contaminants from a paint disposal sump area and underground storage tanks (1,050 gallon gasoline tank, and 550 gallon paint thinner tank) at the former Teevan Painting Company site. Both of the underground tanks and most of the sump material have been removed from the site. The area is currently paved with asphalt and used as a parking lot for Miller's Chevrolet automobile dealership.

The investigation was undertaken to meet the requirements of the County of San Mateo Department of Environmental Health outlined in their letters of November 15 and 19, 1985 and January 27, 1986; see Appendix A. The scope of services consisted of installing 3 monitoring wells at locations chosen by the County, logging and evaluating the hydrogeologic conditions, and analysis of soil and water samples for volatile organic compounds, total hydrocarbons, and selected heavy metals.

HYDROGEOLOGIC SETTING

The site is located in the City of Burlingame, California, south of San Francisco Bay and U.S. Highway 101, as shown on Plate 1. The shoreline, delineated by dotted lines on Plate 1, was adjacent to the west side of the site in 1854. Recent bay mud does not underlie the site which is at an elevation of approximately 10 feet above mean sea level, and slopes toward the bay.

Sanchez Creek flows north into San Francisco Bay a few hundred feet west of the site. Fine-grained sediments were deposited along this creek and extended out into the bay as an alluvial fan; these sediments may underlie the site. "Sanchez" Hill, approximately 40-foot high, is located southeast of the site and is believed to be composed of weakly-consolidated, sandy and silty clays of the Colma Formation (Pampeyan, 1981). This formation, and moderately consolidated sandstones and siltstones of the Merced Formation underlie the recent alluvial sediments in this area. Relatively impervious bedrock of the Franciscan Formation is encountered at a depth of approximately 200 feet (Pampeyan, 1981; Bonilla, 1964).

The site, located on the bay plain, is not within a major useable groundwater zone. A 1983 study by Harding-Lawson Associates for the Burlingame Sanitary Landfill site, located north of the study area, identified a sand aquifer at a depth of 40 to 50 feet below sea level. The groundwater gradient in this aquifer was noted to be generally toward the north, except during periods of extreme

high tides when it reverses to the south at a shallow gradient.

FIELD EXPLORATION

Subsurface soil and groundwater conditions were explored by drilling 3 borings on May 7 and 8, 1986, to depths of 20 to 31 feet at the locations shown on Plate 2, Boring Log. The borings were drilled by Pitcher Drilling Company using a truck-mounted drill rig, and a 6-inch diameter, hollow-stem continuous flight auger. Subsurface conditions were logged by an engineering geologist, and undisturbed soil samples were obtained at selected locations by means of a 2.5-inch split-tube sampler. All drilling and sampling equipment was steam cleaned prior to sampling. Soil samples were collected in pre-cleaned brass liners, wrapped in aluminum foil, fitted with plastic caps, sealed with masking tape, and placed on ice for delivery to the testing laboratory.

The all of the borings encountered yellowish brown silty to sandy clay with occasional rock fragments. Approximately 6 feet of silty to sandy clay fill and 3 feet of coarse gravel was noted in the upper section of Boring 1. A strong solvent odor and whitish paint were observed in Boring 1 at a depth of 7.5 feet. A slight solvent odor was also noted in the upper 8 feet of the other borings.

Static groundwater levels, listed below, were measured on June 24, 1986 (tide elevation at this time was approximately -1.7 feet MSL). Based on this data, the groundwater appears to be migrating to the west toward Sanchez Creek.

Well	Time	Depth to Water	Water Elevation (MSL)
1	8:35 AM	7.5 feet	2.4 feet
2	8:33 AM	7.2 feet	3.0 feet
3	8:39 AM	7.8 feet	1.5 feet

Groundwater levels have remained relatively constant, and it does not appear that there is significant tidal influence on the shallow groundwater at the site.

The soils encountered in the borings are described on Plates 3-A through 3-C, Boring Logs; the Unified Soil Classification System, shown on Plate 4 , was used to classify the different soil types. The boring logs show subsurface conditions on the dates indicated, and it is not warranted that they are representative of subsurface conditions at other locations or times.

MONITORING WELL INSTALLATION

A groundwater monitoring well was installed in each boring. The wells consisted of 2-inch diameter PVC pipe (Schedule 40), with the bottom end plugged and a locked cap at the surface. Monitoring well construction detail is shown on Plate 5.

Groundwater samples were obtained on May 21, 1986, after purging each well of 4 boring volumes using a nitrogen-activated bladder pump (ISCO Model 2600). After purging, a water sample was taken with a teflon hand bailer that was cleaned between sampling. Samples were collected in pre-cleaned glass vials (40 ml.) fitted with teflon caps. Aeration of the water sample was avoided during transfer of the water from the bailer to the vials. Upon

collection, samples were placed on ice and transported to the laboratory on the day of collection.

LABORATORY ANALYSIS

Four soil samples and a water sample from each of the three monitoring wells were analyzed by Sequoia Analytical Laboratory in Redwood City, California. Soil samples were analyzed for priority pollutants volatile organics (EPA Method 8010), total hydrocarbons (mineral spirits), mercury, and lead. Groundwater was analyzed for priority pollutants volatile organic compounds (EPA Method 601), total hydrocarbons, cadmium, copper, lead, mercury, nickel, zinc, and titanium (EPA Method 3510). The results of the analysis are presented in Appendix B.

The soil in Boring 1, at a depth of 7 feet, contained 87 ppb of Tetrachloroethane, 220 ppm total hydrocarbons (mineral spirits), 120 mg/l of lead, and 200 mg/l of mercury. The amount of mercury in the soil of Boring 1 decreased upward and downward from a maximum concentration at 7 feet to 96 mg/l at a depth of 4.5 feet and 160 mg/l at a depth of 16 feet. The concentration of mercury in the groundwater of Monitoring Well 1 (Boring 1) was 0.001 mg/l which is well below the maximum contaminant level of 0.002 mg/l for mercury in drinking water.

CONCLUSIONS AND RECOMMENDATIONS

The groundwater in the monitoring wells did not contain any significant contaminants.

The contaminated soil zone in Boring 1 is located at the eastern edge of the old paint disposal slump. The base of the sump is at groundwater level, and the soil below the sump has been contaminated with mercury to a depth of at least 16 feet. Analysis of the groundwater, however, indicates that this element may be stabilized and is within the soluble threshold limit concentration (STLC) of 0.2 mg/l required by the California Department of Environmental Health (Section 66699 of Title 22, California Administrative Code).

In summary, the groundwater at the site does not appear to be contaminated by the material disposed of in the paint sump or the underground storage tanks. However, because of the relatively high concentrations of tetrachloroethane, mineral spirits, mercury, and lead in the upper 8 feet of the soil, we recommend that the groundwater be tested for these substances within a year to determine if there is any change in the amount of contaminants present in the groundwater.

CLOSURE

We have enjoyed working with you on this project. If you have any questions please do not hesitate to call.

The following list of references, plates and appendices are attached and complete this report:

References

Plate 1. Location Map

Plate 2. Plot Plan

Plates 3-A through 3-C. Boring Logs

Plate 4. Method of Soil Classification

Plate 5. Monitoring Well Construction Detail

Appendix A. Correspondence with County of San Mateo

Appendix B. Chemical Analysis

Very truly yours,
JOHN T. O'ROURKE & ASSOCIATES

John T. O'Rourke

John T. O'Rourke, CEG 419
Principal

JO'R/jod.
3 copies submitted

REFERENCES

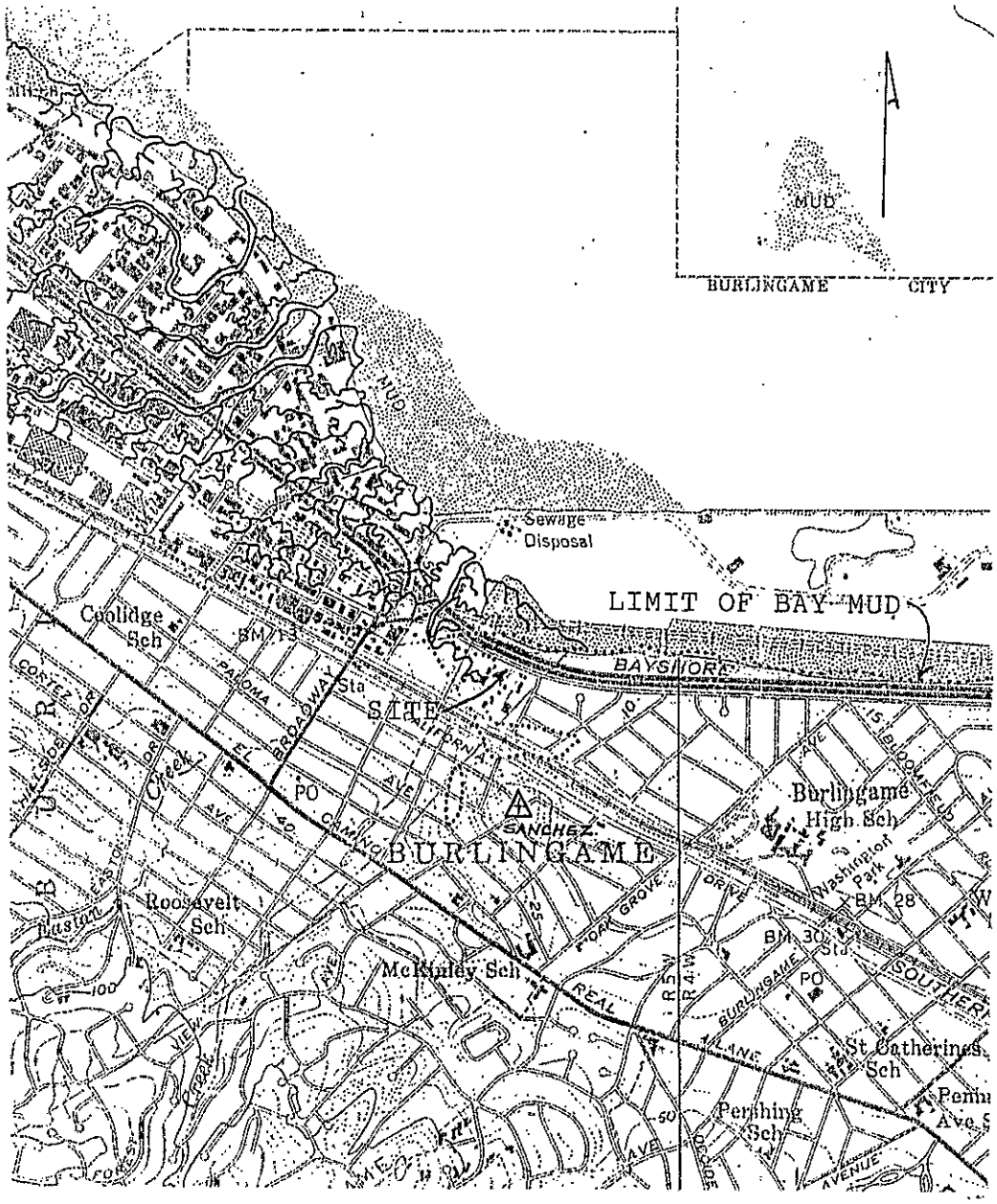
Bonilla, M.G., 1964, Bedrock-Surface Map of San Francisco South Quadrangle, California: U.S.Geological Survey Open-File Map (Basic Data Contribution 26).

Harding-Lawson Associates, 1983, Hydrogeology of the Burlingame Landfill Area, Burlingame, California: Unpublished report (HLA Job No. 9468,015.01).

Lajoie, K.R., Helley, E.J., Nichols, D.R., and Burke, D.B., 1974, Geologic Map of Unconsolidated and Moderately Consolidated Deposits of San Mateo, County, California: U.S. Geological Survey Miscellaneous Field Study Map MF-575.

Pampeyan, E.H., 1981, Geology and Former Shoreline Features of San Mateo 7.5-Minute Quadrangle, San Mateo County, California: U.S. Geological Survey Open-File Report 81-839.

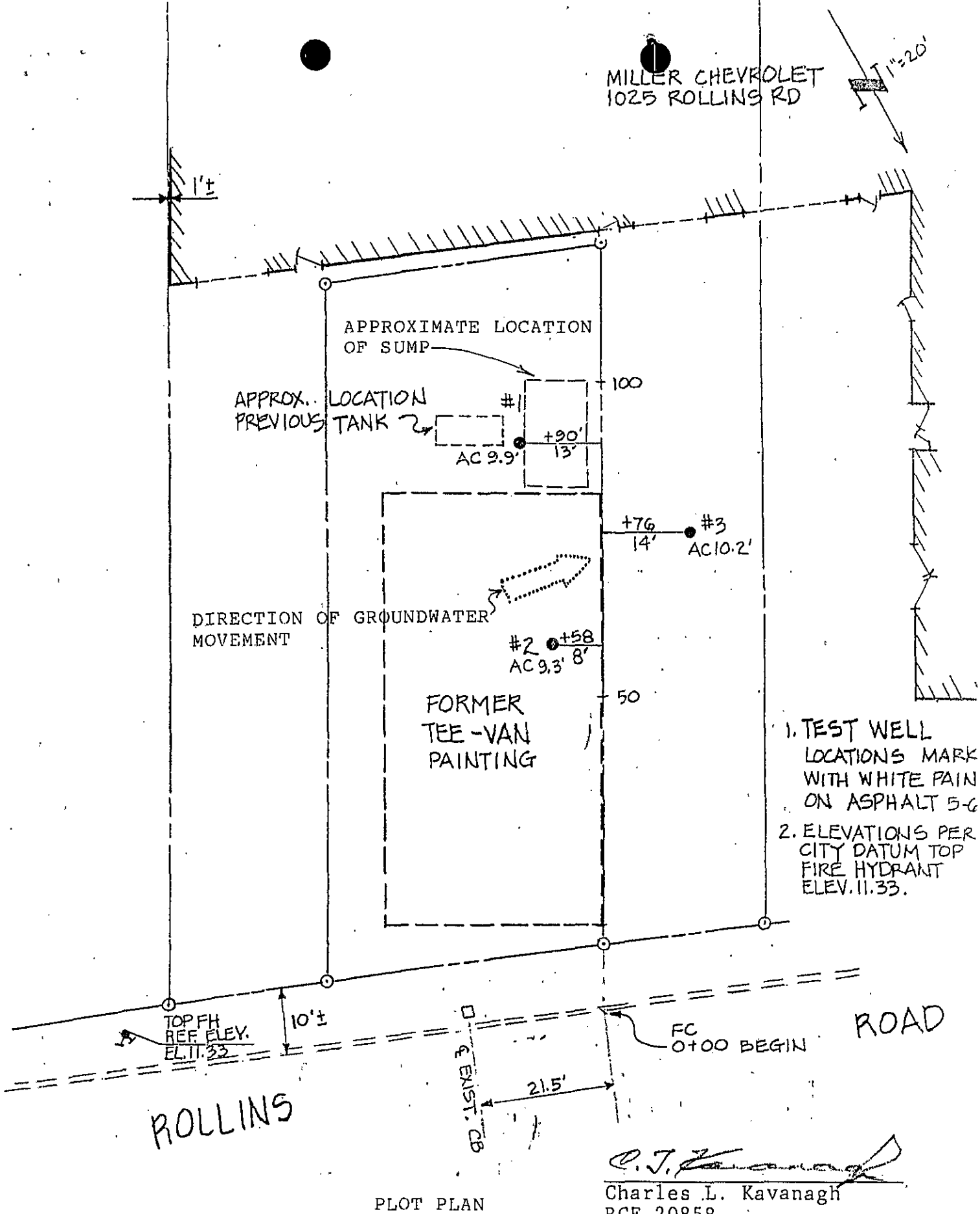
Scalf, M.R., McNabb, J.F., Dunlap, W.J., Cosby, R.S., Fryberger, J.S., 1981, Manual of Ground-Water Quality Sampling Procedures: U.S. Environmental Protection Agency (PB82-103045, EPA-600/2-81-160).



LOCATION MAP

Scale: 1" = 2,000'

PLATE 1



PLOT PLAN

Charles L. Kavanagh
RCE 20858
Exp. 9-30-89

PLATE 2

APPR: CLK	**KAVANAGH ENGINEERING**	DWG.
BY: cad	708 CAROLAN AVE. BURLINGAME, CA. 94010 (415) 579-1944	SK-1
JOB: 8641 BR MOL #3	1019 Rollins Rd. Burlingame, Ca.	SCALE: 1" = 20'
	TEST WELL LOCATIONS	DATE: 5-6-86

BORING LOG

BORING No.: B-1
ELEVATION: 9.9' (ref. el.)
SURFACE: AC
GROUNDWATER: 7.5'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/7/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE & DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I.
2" AC; 8" baserock Dark yellowish brown silty to sandy clay with rock fragments slight solvent odor; damp		5	28	CL FILL	10 YR 4/2							
Light bluish gray gravel to 3" in dia. (ss. rounded) White paint at 7½'; strong solvent odor		10	13	GP	5 B 7/1							
Moderate yellowish brown silty clay, occasional rock fragment; no solvent odor; firm; wet		15	23	CL	10 YR 5/5							
No solvent odor		20										
		25										
		30										
		35										

PLATE 3-A

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER

BORING LOG

BORING No.: B-2
ELEVATION: 9.3 (ref. el.)
SURFACE: AC
GROUNDWATER: 7.2'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/7/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE 2½" DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I.
2" AC; 12" baserock Brown sandy to silty clay; no solvent odor; damp			FILL	CL	10 YR 5/5 to 5 YR 3/2							
Moderate yellowish brown silty clay, occasional rock fragment slight solvent odor at 8'; firm; wet		▼		CL	10 YR 5/5							
Grades sandy No solvent odor												
Light olive brown silty to sandy clay; firm; saturated; no solvent odor												
Grades sandy			39	CL to SC	5 Y 5/6							

PLATE 3-B

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER

BORING LOG

BORING No.: B-3
ELEVATION: 10.2' (ref. el.)
SURFACE: AC
GROUNDWATER: 8'

DRILLING CONTRACTOR: Pitcher
TYPE OF RIG: Hollow-stem auger
HOLE DIAMETER: 6"
HAMMER WEIGHT & FALL: 140 lb. 30"

DATE DRILLED: 5/8/86
TIME:
WEATHER: Clear
LOGGED BY: JO'R

COMMENTS	SYMBOL	SAMPLE DEPTH FEET	BLOWS/FOOT	SOIL TYPE	COLOR (MUNSELL #)	PENETROMETER U.C. (TSF)	VANE SHEAR (PSF)	MOISTURE %	DRY DENSITY (PCF)	% FINES -200	LIQUID LIMIT	PLASTICITY I.
2" AC; 8" baserock Moderate yellowish brown silty to sandy clay with occasional rock fragment; slight solvent odor above 8'; firm Grades sandy No solvent odor		5 10 15 20 25 30 35		CL CL	10 YR 5/5 to 5 Y 5/2							

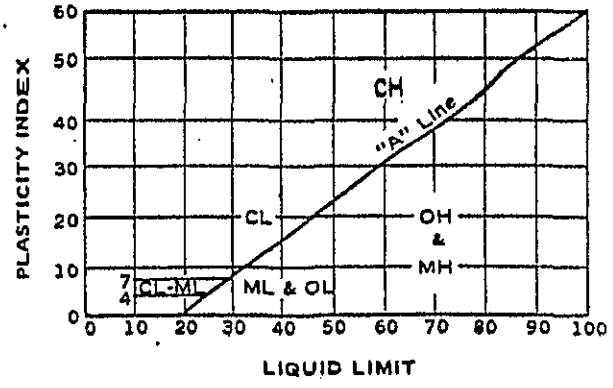
JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER

MAJOR DIVISIONS		SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than ½ of soil > no. 200 sieve size)	GRAVELS (More than ½ of coarse fraction > no. 4 sieve size)	GW	Well graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS (More than ½ of coarse fraction < no. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE GRAINED SOILS (More than ½ of soil < no. 200 sieve size)	SILTS & CLAYS LL < 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, lean clays
		OL	Organic silts and organic silty clays of low plasticity
	SILTS & CLAYS LL > 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 silty clays, organic silts
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils

CLASSIFICATION CHART
(Unified Soil Classification System)

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL	3" to No. 4	76.2 to 4.76
coarse	3" to ¾"	76.2 to 19.1
fine	¾" to No. 4	19.1 to 4.76
SAND	No. 4 to No. 200	4.76 to 0.074
coarse	No. 4 to No. 10	4.76 to 2.00
medium	No. 10 to No. 40	2.00 to 0.420
fine	No. 40 to No. 200	0.420 to 0.074
SILT & CLAY	Below No. 200	Below 0.074

GRAIN SIZE CHART

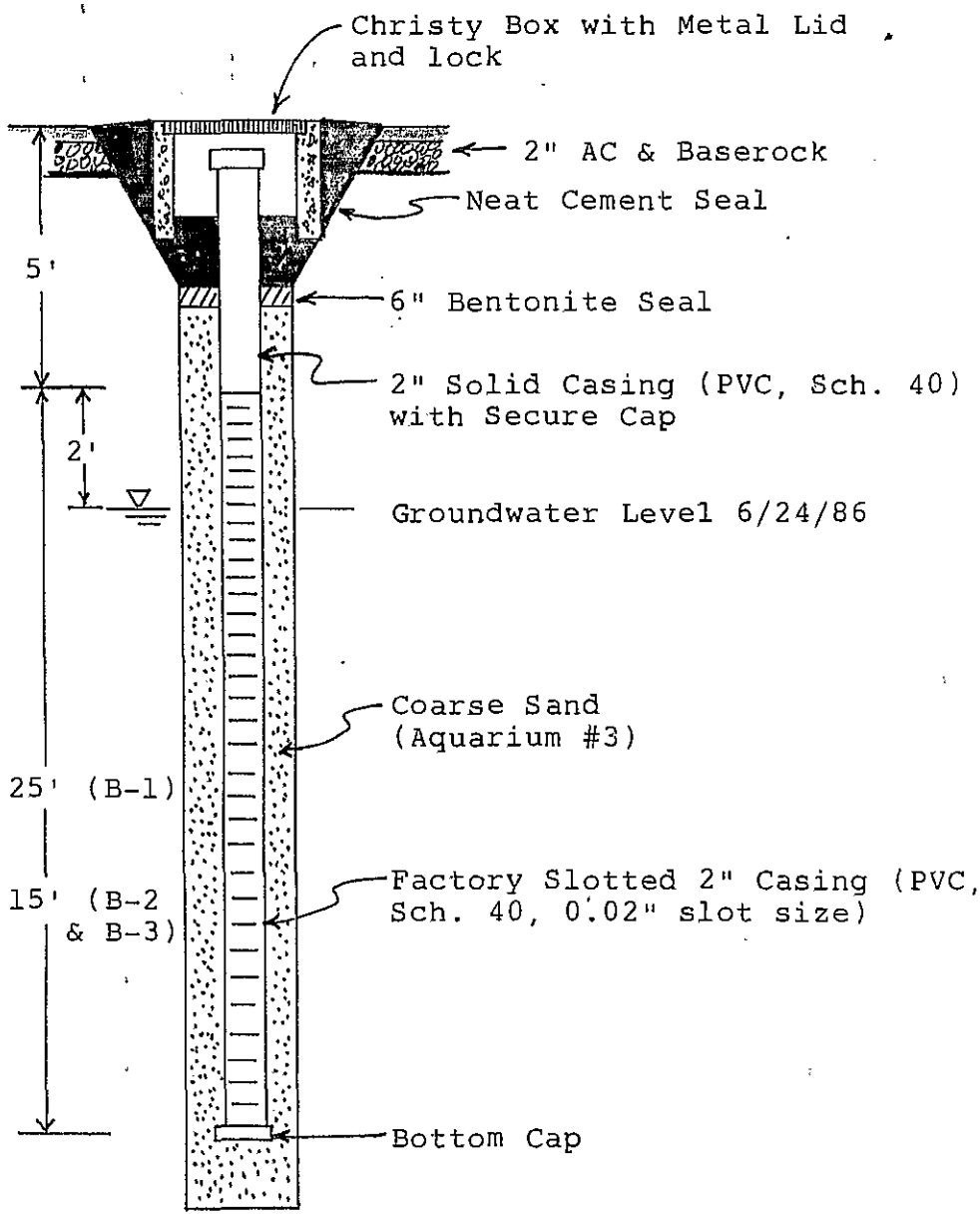


PLASTICITY CHART

PLATE 4

METHOD OF SOIL CLASSIFICATION

JOHN T. O'ROURKE & ASSOCIATES
CONSULTANTS IN ENGINEERING GEOLOGY AND GROUNDWATER



MONITORING WELL CONSTRUCTION DETAIL

Not to scale

PLATE 5

APPENDIX A

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

January 27, 1986

Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Re: 1019 Rollins Road
Burlingame

Dear Mr. Molakidis:

As we have previously stated to the former owners of the above named property (Teevan Company), it will be necessary to monitor the quality of the shallow groundwater beneath the site. On November 13, 1985, contaminated soil was removed from a sump area, in accordance with County instructions. Monitoring wells must be installed in order to: 1) determine if the shallow groundwater has been impacted by the disposal of paints and solvents within the sump area, 2) monitor the attenuation of any contaminants in the shallow groundwater, and 3) determine if any contaminants in the shallow groundwater are migrating down-gradient of the sump area and potentially off-site.

It is our opinion that the monitoring of the shallow groundwater can best be addressed by the installation of a monitoring well within the sump area, and minimally two monitoring wells located down gradient. The approximate locations of the wells are shown on Exhibit A., and are based on our understanding that the existing building will be demolished and removed. The exact locations of the monitoring wells will be dependent upon site access, existing underground piping, and the recommendations of your field geologist or engineer. The required procedure for the installation of the monitoring wells is outlined in the attached letter to the Teevan Company, dated November 15, 1985.

* NOTE: Soil sampling and analysis is only required for the well in the middle of the sump area.

You have informed us that the underground tank located on the site will be abandoned. It will be necessary to obtain an abandonment permit from the County prior to removal of the tank. Due to the close proximity of the underground tank to the sump area there is a high probability that the tank backfill is contaminated with paint and solvents. Any contaminated material must be removed and disposed of properly. The presence of highly contaminated soils in the area of the underground tank may require the installation of an additional monitoring well.

If you have any questions please do not hesitate to contact me at 363-4356.

Very truly yours,

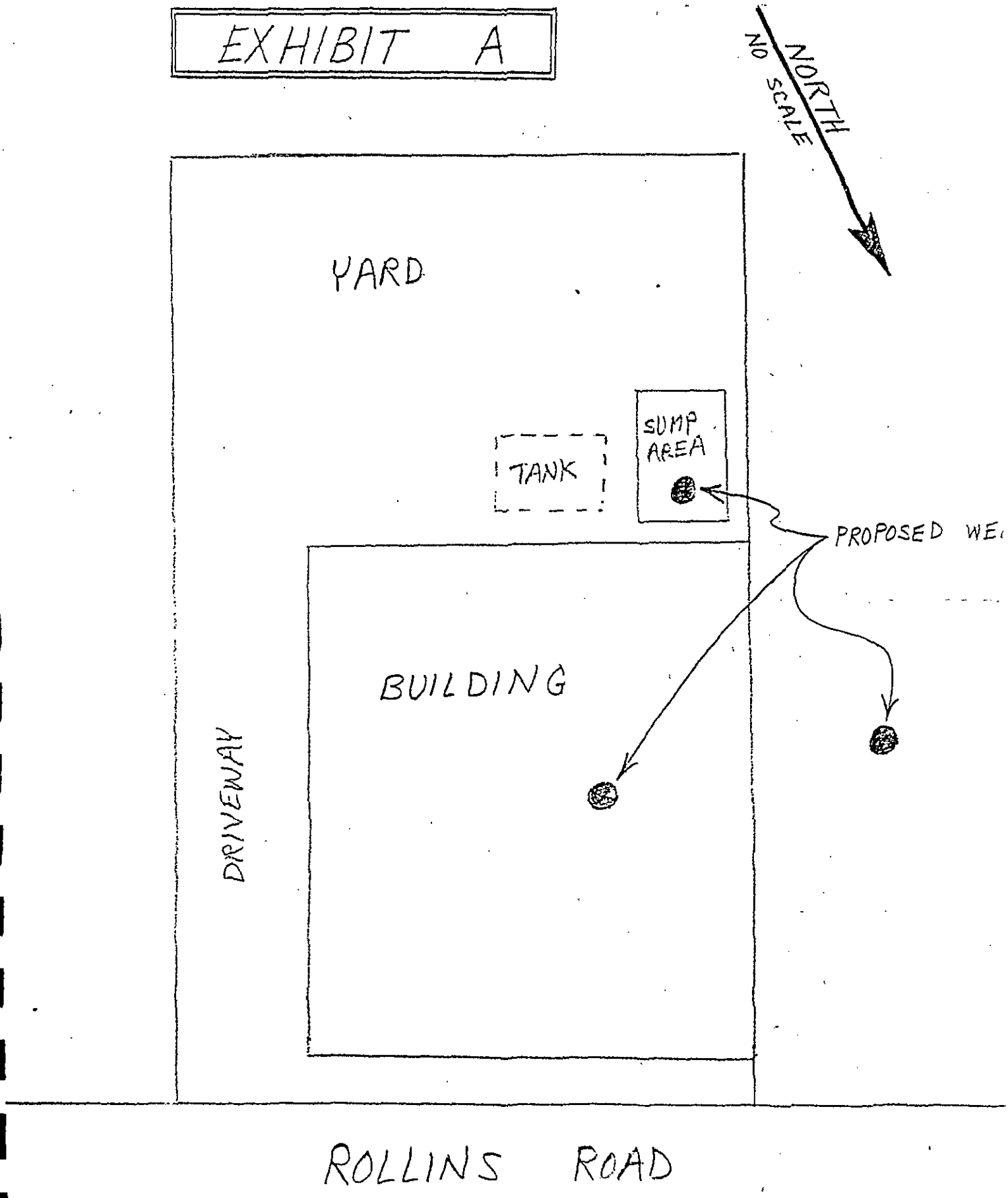
J. Henley for

Gary Aguiar
Associate Civil Engineer

GA/kc

cc: Bill Lent, Public Health Chemist
Judy Henley, Principal Environmental Health Specialist

EXHIBIT A



1017 ROLLINE RD., BURLINGAME, CALIFORNIA

Department of Health Servi
PUBLIC HEALTH DIVISION — En...mental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

November 19, 1985

Kristine Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

Dear Kristine :

On November 13, 1985 William Lent and Gary Aguiar, from the Department of Health Services, conducted an inspection at 1019 Rollins Road, Burlingame. The inspection was conducted to assess the progress in the continuing clean-up being done at this site.

The primary concern of the Health Department is the sump area. Upon inspection it was determined that the contaminated soil was removed and the sump was filled and compacted with clean fill in accordance with our instructions.

Regarding the secondary clean-up area, the drainage gravel on the asphalt plus the contaminated soil was removed and disposed of properly by North State Environmental Services.

To satisfy the county's criteria for completion of this clean-up a monitoring well must be installed. In conjunction with this the soil and water samples must be analyzed for specified compounds. A separate letter will follow addressing the monitoring well guidelines, sampling and analysis requirements.

Thank you for your cooperation and concern in this matter.

Sincerely,

William Lent

William Lent
Public Health Chemist

WL:nt
cc: Judith Henley, Principal, Environmental Health Specialist

Department of Health Ser.
PUBLIC HEALTH DIVISION — Environmental Health

BOARD OF SUPERVISORS
ANNA G. ESHOO
TOM NOLAN
WILLIAM J. SCHUMACHER
K. JACQUELINE SPEIER
JOHN M. WARD

COUNTY OF SAN MATEO

JAY GELLERT
DIRECTOR OF HEALTH SERVICES

590 HAMILTON STREET • REDWOOD CITY • CALIFORNIA 94063 363-4305

November 15, 1985

Kristine H. Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

RE: Installation of monitoring well at 1019 Rollins Road, Burlingame, CA

Dear Kristine:

The following is the required procedure for the installation and sampling of a monitoring well on the above mentioned site:

1) The well is to be installed in the middle of the sump area.

2) The bottom of the well should extend 3 feet into the bay mud. The well boring should be logged in the field by a registered civil engineer, registered engineering geologist, or registered geologist. The drafted log should be submitted to this office at the same time your lab analyses are submitted.

3) A drill rig equipped with hollow-stem augers will provide the most efficient drilling method at your site, in terms of both geologic logging and well installation. In any case, the inherent characteristics of a groundwater monitoring well requires that a "dry" drilling method be used.

4) The minimum casing diameter to be used is 2-inch I.D., however a 4-inch diameter well would be more advantageous, since it could serve as an extraction well if the necessity arises. The recommended material is schedule 40 PVC casing and slotted screen with flush-threaded couplings. No glues or solvents are to be used in the well construction. The slotted screen should extend from the bottom of the well to within 3 to 5 feet above the water table at high tide. The bottom of the well is to be fitted with a slip-cap.

5) The diameter of the boring should minimally provide for a 2-inch annular space. A 2-inch well casing would require a boring diameter of 6 inches, while a 4-inch casing would require an 8-inch boring diameter.

6. The annular space along the screened interval should be backfilled with clean Monterey Sand or equivalent.

7. Immediate placement of approximately 6 inches of bentonite pellets on top of the sand pack will ensure prompt isolation of the monitoring well from any surface contamination, as well as provide a barrier against migration of cement into the sand pack when the sanitary seal is placed.

8. A sanitary seal is to be placed from the top of the sand pack to the ground surface. The sealing material shall be one of the following:
1) Neat cement grout composed of one sack of Portland cement (94 pounds) to 4 1/2 to 6 1/2 gallons of clean water; or 2) Sand cement grout composed of not more than two parts by weight of sand and one part of Portland cement to 4 1/2 to 6 1/2 gallons of clean water per sack of cement.

9. The well should be made vandal-proof, either with a steel conductor casing with locking top, or set in a meter box with a locking well cap.

10. Soil samples are to be taken below the bottom of the back-filled excavation at depths of 2 feet, 5 feet, and at 5-foot intervals until groundwater is encountered. A soil sample is to be taken immediately above the water table. Since the density of Methylene Chloride is greater than that of water, a soil sample should be taken at the top of the bay mud.

11. A groundwater sample should be collected by first removing 3 to 5 casing volumes of water from the well, using a clean teflon bailer. After rinsing the bailer with deionized water, a sample is withdrawn from the well for analysis.

12. Sample handling, transport, and storage should follow EPA protocol. Soil samples are to be analyzed for halogenated volatile organics according to EPA methods 5030 and 8010. Water samples are to be analyzed for halogenated volatile organics according to EPA method 601. Soil samples should also be analyzed for mercury by E.P.A. method A.A. flameless assay A I H A J, 37,311,1976.

If you have any questions, please call me at 363-4356.

Sincerely,

Gary Aguiar

Gary Aguiar
Associate Civil Engineer

GA:nt
cc: Judy Henley, Principal Environmental Health Specialist
Bill Lent, Public Health Chemist

APPENDIX B

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number

6050423

Sample Description
1019 Rollins - Burlingame
Soil, B-1, 4½ feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	50
Acrylonitrile		-	1,2-Dichloropropane	<	50
Benzene		-	1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene		-
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene	<	50
Chlorobenzene		-	1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene		-
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number
6050422

Sample Description
1019 Rollins - Burlingame
Soil, B-1, 7 feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	50
Acrylonitrile		-	1,2-Dichloropropane	<	50
Benzene		-	1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene		-
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene		87
Chlorobenzene		-	1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene		-
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number

6050424

Sample Description
1019 Rollins - Burlingame
Soil, B-1, 16 feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	-		trans-1,2-Dichloroethene	<	50
Acrylonitrile	-		1,2-Dichloropropane	<	50
Benzene	-		1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene	-	
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene	<	50
Chlorobenzene	-		1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene	-	
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road,
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Extracted: 05/22/86
Date Reported: 06/13/86

Sample Number

6050425

Sample Description

1019 Rollins - Burlingame
Soil, B-2, 31 feet

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein		-	trans-1,2-Dichloroethene	<	50
Acrylonitrile		-	1,2-Dichloropropane	<	50
Benzene		-	1,3-Dichloropropene	<	50
Bromomethane	<	50	Ethylbenzene		-
Bromodichloromethane	<	50	Methylene chloride	<	50
Bromoform	<	50	1,1,2,2-Tetrachloroethane	<	50
Carbon tetrachloride	<	50	Tetrachloroethene	<	50
Chlorobenzene		-	1,1,1-Trichloroethane	<	50
Chloroethane	<	50	1,1,2-Trichloroethane	<	50
2-Chloroethylvinyl ether	<	50	Trichloroethene	<	50
Chloroform	<	50	Toluene		-
Chloromethane	<	50	Vinyl chloride	<	50
Dibromochloromethane	<	50	1,2-Dichlorobenzene	<	50
1,1-Dichloroethane	<	50	1,3-Dichlorobenzene	<	50
1,2-Dichloroethane	<	50	1,4-Dichlorobenzene	<	50
1,1-Dichloroethene	<	50			

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 8010 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Reported: 06/13/86

Sample Number	Sample Description
6050422	1019 Rollins - Burlingame Soil, B-1, 7 feet

ANALYSIS

Lead, mg/kg-wet wt.	120
Total Hydrocarbons, ppm	
Mineral Spirits	220

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/12/86
Date Received: 05/12/86
Date Reported: 06/13/86

Sample Number	Sample Description 1019 Rollins - Burlingame Soil Samples	Mercury mg/kg-wet wt.
6050422	B-1-7 feet	200
6050423	B-1-4½ feet	96
6050424	B-1-16 feet	160
6050425	B-2-31 feet	0.4

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Extracted: 06/03/86
Date Reported: 06/13/86

Sample Number: 6050999

Sample Description: 1019 Rollins - Burlingame Well #1

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS

results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	-	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	-
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	-	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	-
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Reported: 06/13/86

Sample Number	Sample Description
6050999	1019 Rollins - Burlingame Well #1

ANALYSIS

Cadmium, mg/L	< 0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	0.001
Nickel, mg/L	< 0.05
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Total Hydrocarbons, ppm	< 1*

* NOTE: Analysis was performed using EPA method 3510.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Extracted: 06/03/86
Date Reported: 06/13/86

Sample Number

6051000

Sample Description

1019 Rollins - Burlingame
Well #2

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS

results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	-	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	-
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	-	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	-
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Reported: 06/13/86

Sample Number	Sample Description
6051000	1019 Rollins - Burlingame Well #2

ANALYSIS

Cadmium, mg/L	< 0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	< 0.05
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Total Hydrocarbons, ppm	< 1*

* NOTE: Analysis was performed using EPA method 3510.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Extracted: 06/03/86
Date Reported: 06/13/86

Sample Number: 6051001

Sample Description: 1019 Rollins - Burlingame Well #3

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	<100	trans-1,2-Dichloroethene	< 0.5
Acrylonitrile	<100	1,2-Dichloropropane	< 0.5
Benzene	-	1,3-Dichloropropene	< 0.5
Bromomethane	< 0.5	Ethylbenzene	-
Bromodichloromethane	< 0.5	Methylene chloride	< 0.5
Bromoform	< 0.5	1,1,2,2-Tetrachloroethane	< 0.5
Carbon tetrachloride	< 0.5	Tetrachloroethene	< 0.5
Chlorobenzene	-	1,1,1-Trichloroethane	< 0.5
Chloroethane	< 0.5	1,1,2-Trichloroethane	< 0.5
2-Chloroethylvinyl ether	< 0.5	Trichloroethene	< 0.5
Chloroform	< 0.5	Toluene	-
Chloromethane	< 0.5	Vinyl chloride	< 0.5
Dibromochloromethane	< 0.5	1,2-Dichlorobenzene	< 0.5
1,1-Dichloroethane	< 0.5	1,3-Dichlorobenzene	< 0.5
1,2-Dichloroethane	< 0.5	1,4-Dichlorobenzene	< 0.5
1,1-Dichloroethene	< 0.2		

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Method 601 of the EPA was used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

John T. O'Rourke & Associates
450 San Antonio Road, Suite 25
Palo Alto, CA 94306
Attn: John T. O'Rourke, President

Date Sampled: 05/21/86
Date Received: 05/21/86
Date Reported: 06/13/86

Sample Number	Sample Description
6051001	1019 Rollins - Burlingame Well #3

ANALYSIS

Cadmium, mg/L	< 0.01
Copper, mg/L	< 0.1
Lead, mg/L	< 0.005
Mercury, mg/L	< 0.001
Nickel, mg/L	< 0.05
Zinc, mg/L	< 0.05
Titanium, mg/L	< 0.1
Total Hydrocarbons, ppm	< 1*

* NOTE: Analysis was performed using EPA method 3510.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Date Sampled: 03/12/86
Date Received: 03/12/86
Date Extracted: 03/13/86
Date Reported: 03/14/86

use This date

Sample Number	Sample Description
6030446	Soil Core Composite

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	< 10,000	trans-1,2-Dichloroethene	< 50
Acrylonitrile	< 10,000	1,2-Dichloropropane	< 50
Benzene	< 50	1,3-Dichloropropene	< 50
Bromomethane	< 50	Ethylbenzene	< 50
Bromodichloromethane	< 50	Methylene chloride	720
Bromoform	< 50	1,1,2,2-Tetrachloroethane	< 50
Carbon tetrachloride	< 50	Tetrachloroethene	< 50
Chlorobenzene	< 50	1,1,1-Trichloroethane	< 50
Chloroethane	< 50	1,1,2-Trichloroethane	< 50
2-Chloroethylvinyl ether	< 50	Trichloroethene	< 50
Chloroform	< 50	Toluene	< 50
Chloromethane	< 50	Vinyl chloride	< 50
Dibromochloromethane	< 50	1,2-Dichlorobenzene	< 50
1,1-Dichloroethane	< 50	1,3-Dichlorobenzene	< 50
1,2-Dichloroethane	< 50	1,4-Dichlorobenzene	< 50
1,1-Dichloroethene	< 50	Non-Priority Pollutants:	
		Xylenes	730
		Mineral Spirits	17,000

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 8010 & 8020 were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Date Sampled: 03/12/86
Date Received: 03/12/86
Date Extracted: 03/13/86
Date Reported: 03/14/86

Sample Number	Sample Description
6030444	Well #1, Soil

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS
results in ppb

Acrolein	< 10,000	trans-1,2-Dichloroethene	< 50
Acrylonitrile	< 10,000	1,2-Dichloropropane	< 50
Benzene	< 50	1,3-Dichloropropene	< 50
Bromomethane	< 50	Ethylbenzene	< 50
Bromodichloromethane	< 50	Methylene chloride	8,100
Bromoform	< 50	1,1,2,2-Tetrachloroethane	< 50
Carbon tetrachloride	< 50	Tetrachloroethene	< 50
Chlorobenzene	< 50	1,1,1-Trichloroethane	< 50
Chloroethane	< 50	1,1,2-Trichloroethane	< 50
2-Chloroethylvinyl ether	< 50	Trichloroethene	< 50
Chloroform	< 50	Toluene	< 50
Chloromethane	< 50	Vinyl chloride	< 50
Dibromochloromethane	< 50	1,2-Dichlorobenzene	< 50
1,1-Dichloroethane	< 50	1,3-Dichlorobenzene	< 50
1,2-Dichloroethane	< 50	1,4-Dichlorobenzene	< 50
1,1-Dichloroethene	< 50		

Non-Priority Pollutants:

Xylenes	14,000
Mineral Spirits	190,000

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 8010 & 8020 were used for this analysis.

SEQUOIA Analytical Laboratory
2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

Alfred G. Molakidis
627 Occidental Avenue
San Mateo, CA 94402

Date Sampled: 03/12/86
Date Received: 03/12/86
Date Extracted: 03/13/86
Date Reported: 03/14/86

Sample Number	Sample Description
6030445	Well #2, Soil

PRIORITY POLLUTANTS

VOLATILE ORGANIC COMPOUNDS

results in ppb

Acrolein	< 10,000	trans-1,2-Dichloroethene	< 50
Acrylonitrile	< 10,000	1,2-Dichloropropane	< 50
Benzene	< 50	1,3-Dichloropropene	< 50
Bromomethane	< 50	Ethylbenzene	< 50
Bromodichloromethane	< 50	Methylene chloride	15,000
Bromoform	< 50	1,1,2,2-Tetrachloroethane	< 50
Carbon tetrachloride	< 50	Tetrachloroethene	< 50
Chlorobenzene	< 50	1,1,1-Trichloroethane	< 50
Chloroethane	< 50	1,1,2-Trichloroethane	< 50
2-Chloroethylvinyl ether	< 50	Trichloroethene	< 50
Chloroform	< 50	Toluene	< 50
Chloromethane	< 50	Vinyl chloride	< 50
Dibromochloromethane	< 50	1,2-Dichlorobenzene	< 50
1,1-Dichloroethane	< 50	1,3-Dichlorobenzene	< 50
1,2-Dichloroethane	< 50	1,4-Dichlorobenzene	< 50
1,1-Dichloroethene	< 50		

Non-Priority Pollutants:

Xylenes	18,000
Mineral Spirits	370,000

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director

sls

NOTE: Methods 8010 & 8020 were used for this analysis.

Hull Development Labs, Inc.

Winters Construction,
661 Kings Row,
San Jose.Ca.95112.
Att'n. Ms.G.williams.

Date 3/7/86.
Date Rec'd. 3/3/86.
Lab.no. 860043-S
P.O.No. Verb.G.W.

Analysis of Mis. Soil Samples. Sampled 2/28/86 Burlingame.

	Location # 185. ID.# 500	Location # 185 ID.# 1000.
MERCURY.(EPA Flameless assay)	<2.0 µgrms/Kgm.	<2.0 µgrms/L.

The samples were mulled with DI.water and the determination carried out on the aqeous phase.

Al Molikidas 1019 Rollins Rd Burlingame, Ca.

RONALD HULL.(Lab.Director)

PRAVIN PATEL.(Chemist)

HULL DEVELOPMENT LABS INC.
CERTIFIED ANALYSIS

1149 MINNESOTA AVENUE • SAN JOSE, CALIFORNIA 95125 • (408) 287-1777

Hull Development Labs, Inc.

Winters Construction,
661 Kings Row,
San Jose.Ca.95112.

Att'n. Ms.G.Williams.

Date: 3/7/86.
Date Rec'd. 3/3/86
Lab.No. 860043-S
P.O.No. Verb.G.W.

Analysis of Misc.Soil samples for Purgable Halocarbons & Aromatics.EPA 601/602.

LOCATION # 185.Burlingame.

	SAMPLE # 500.	SAMPLE # 1000.
TOTAL TOXICS (Purgab.Halo + Ar)	None detected.	none detected.

The determinations were carried out by G.C. according to EPA methods 601 & 602. The samples were mulled with DI. water and the determination carried out on the aqeous phase. The columns used were as follows.

601	8' x 0.1" S/S. 1% SP-1000 on Carbopak B. 6' x 0.1" S/S n.Octane on Porasil C. Detector. Electrolytic conductivity.
602	6' x 0.082" S/S 5% SP-1200 + 1.75% Bentone 34 on Supelcoport. 8' x 0.1" S/S 5% Tris(2 cyanoethoxy)prpane on Chromosorb W. Detector. P.I.D.

RONALD HULL(Lab.Director)

HULL DEVELOPMENT LABS INC.
CERTIFIED ANALYSIS

PRAVIN PATEL.(Chemist)

1149 MINNESOTA AVENUE • SAN JOSE, CALIFORNIA 95125 • (408) 287-1777

Hull Development Labs, Inc.

DATE 3/7/86

DATE REC'd. 3/3/86

WINTERS CONSTR.LOC.185.SAMPLE #500.BURLINGAME. LAB.NO. 860043-S

PURGABLE HALOCARBONS & AROMATICS.EPA.601/602.

		FOUND	
74-87-3	Chloromethane	< 7	U
74-83-9	Bromomethane	< 7	U
75-01-4	Vinyl Chloride	< 7	U
75-00-3	Chloroethane	< 7	U
75-09-2	Methylene Chloride	< 2	U
67-64-1	Acetone	< 10	U
79-69-4	Trichlorofluoromethane	< 2	U
75-35-4	1,1-Dichloroethene	< 2	U
75-34-3	1,1-Dichloroethane	< 2	U
156-60-5	Trans-1,2-Dichloroethene	< 2	U
67-66-3	Chloroform	< 2	U
76-13-1	Trichlorotrifluoroethane	< 2	U
107-06-2	1,2-Dichloroethane	< 2	U
78-93-3	2-Butanone	< 10	U
71-55-6	1,1,1-Trichloroethane	< 2	U
56-23-5	Carbon Tetrachloride	< 2	U
108-05-4	Vinyl Acetate	< 2	U
75-27-4	Bromodichloromethane	< 2	U
79-34-5	1,1,2,2-Tetrachloroethane	< 2	U
78-87-5	1,2-Dichloropropane	< 2	U
10061-02-6	Trans-1,3-Dichloropropene	< 2	U
79-01-6	Trichloroethene	< 2	U
124-48-1	Dibromochloromethane	< 2	U
79-00-5	1,1,2-Trichloroethane	< 2	U
71-43-2	Benzene	< 2	U
10061-01-5	cis-1,3-Dichloropropene	< 2	U
110-75-8	2-Chloroethylvinylether	< 2	U
75-25-2	Bromoform	< 2	U
591-78-6	2-Hexanone	< 10	U
108-10-1	4-Methyl-2-Pentanone	< 10	U
127-18-4	Tetrachloroethene	< 2	U
108-88-3	Toluene	< 2	U
108-90-7	Chlorobenzene	< 2	U
100-41-4	Ethylbenzene	< 2	U
100-42-5	Styrene	< 2	U
	Total Xylenes	< 2	U
541-73-1	1,3-Dichlorobenzene	< 2	U
95-50-1	1,2-Dichlorobenzene	< 2	U
106-46-7	1,4-Dichlorobenzene	< 2	U

U indicates detection limit.

TOTAL .... NONE DETECTED

B indicates compound was found in both sample & blank.

1149 MINNESOTA AVENUE • SAN JOSE, CALIFORNIA 95125 • (408) 287-1777

Hull Development Labs, Inc.

DATE 3/7/86

DATE REC'd. 3/3/86

LAB.NO. 860043-S

WINTERS CONSTR.LOC.185.SAMPLE 1000 BURLINGAME.

PURGABLE HALOCARBONS & AROMATICS.EPA.601/602.

		FOUND	
74-87-3	Chloromethane	< 7	U
74-83-9	Bromomethane	< 7	U
75-01-4	Vinyl Chloride	< 7	U
75-00-3	Chloroethane	< 7	U
75-09-2	Methylene Chloride	< 2	U
67-64-1	Acetone	< 10	U
79-69-4	Trichlorofluoromethane	< 2	U
75-35-4	1,1-Dichloroethene	< 2	U
75-34-3	1,1-Dichloroethane	< 2	U
156-60-5	Trans-1,2-Dichloroethene	< 2	U
67-66-3	Chloroform	< 2	U
76-13-1	Trichlorotrifluoroethane	< 2	U
107-06-2	1,2-Dichloroethane	< 2	U
78-93-3	2-Butanone	< 10	U
71-55-6	1,1,1-Trichloroethane	< 2	U
56-23-5	Carbon Tetrachloride	< 2	U
108-05-4	Vinyl Acetate	< 2	U
75-27-4	Bromodichloromethane	< 2	U
79-34-5	1,1,2,2-Tetrachloroethane	< 2	U
78-87-5	1,2-Dichloropropane	< 2	U
10061-02-6	Trans-1,3-Dichloropropene	< 2	U
79-01-6	Trichloroethene	< 2	U
124-48-1	Dibromochloromethane	< 2	U
79-00-5	1,1,2-Trichloroethane	< 2	U
71-43-2	Benzene	< 2	U
10061-01-5	cis-1,3-Dichloropropene	< 2	U
110-75-8	2-Chloroethylvinylether	< 2	U
75-25-2	Bromoform	< 2	U
591-78-6	2-Hexanone	< 10	U
108-10-1	4-Methyl-2-Pentanone	< 10	U
127-18-4	Tetrachloroethene	< 2	U
108-88-3	Toluene	< 2	U
108-90-7	Chlorobenzene	< 2	U
100-41-4	Ethylbenzene	< 2	U
100-42-5	Styrene	< 2	U
	Total Xylenes	< 2	U
541-73-1	1,3-Dichlorobenzene	< 2	U
95-50-1	1,2-Dichlorobenzene	< 2	U
106-46-7	1,4-Dichlorobenzene	< 2	U

TOTAL .... NONE DETECTED

U indicates detection limit.

B indicates compound was found in both sample & blank.

1149 MINNESOTA AVENUE • SAN JOSE, CALIFORNIA 95125 • (408) 287-1777

Hull Development Labs, Inc.

Winter Construction		Date	3/7/86
661 Kings Row,		Date Rec'd.	3/3/86
San Jose.Ca.95112.		Lab.no.	860042-W
Att'n. MsG.Williams.		P.O.No.	Verb.G.W.

Analysis of Misc. groundwater for Purgable Halocarbons,and Mercury. Sampled 2/28/86.Burling.

	Location 185 ID.# 500.	Location 185 ID.# 1000.
Total purgeables(Haloc. +Ar)	79.0 µgrms/Kgm.	380.0 µgrms/kgm.
Mercury .(EPA.Flameless assay)	< 2.0 µgrms/L.	< 2.0 µgrms/L.

The determination was carried out by G.C. according to EPA methods 601 & 602.The columns used were as follows :

	8' x 0.1"	S/S. 1% SP-1000 On Carbopak B.
601	6' x 0.1"	S/S n Octane on Porasil C.
	Detector	Electrolytic conductivity.
	6' x 0.082"	S/S. 5% SP-1200 + 1.75% Bentone 34 on Supelport.
602	8' x 0.1"	S/S. 5% Tris(2 cyanoethoxy)propane on Chromosorb W-AW.
	Detector	P.I.D.

Al Malikidas 1019 Robbins Rd Burlingame Ca

RONALD HULL.(Lab.Director) PRAVIN PATEL.(Chemist)

HULL DEVELOPMENT LABS INC.
CERTIFIED ANALYSIS

Hull Development Labs, Inc.

VOLATILE COMPOUNDS DATA SHEET.

DATE : 3/7/86.

DATE REC'D 3/3/86

LAB.NO. 860042-W

WINTERS CONSTRUCTION. SAMPLE # 1000.(GROUNDWATER) Location 185..

			DET.LIMIT.
74-87-3	Chloromethane	< 7	7
74-83-9	Bromomethane	< 7	7
75-01-4	Vinyl Chloride	< 7	7
75-00-3	Chloroethane	< 7	7
75-09-2	Methylene Chloride	< 2	2
67-64-1	Acetone	<10	10
79-69-4	Trichlorofluoromethane	< 2	2
75-35-4	1,1-Dichloroethene	< 2	2
75-34-3	1,1-Dichloroethane	< 2	2
156-60-5	Trans-1,2-Dichloroethene	< 2	2
67-66-3	Chloroform	< 2	2
76-13-1	Trichlorotrifluoroethane	< 2	2
107-06-2	1,2-Dichloroethane	< 2	2
78-93-3	2-Butanone	<10	10
71-55-6	1,1,1-Trichloroethane	< 2	2
56-23-5	Carbon Tetrachloride	< 2	2
108-05-4	Vinyl Acetate	< 2	2
75-27-4	Bromodichloromethane	< 2	2
79-34-5	1,1,2,2-Tetrachloroethane	< 2	2
78-87-5	1,2-Dichloropropane	< 2	2
10061-02-6	Trans-1,3-Dichloropropene	< 2	2
79-01-6	Trichloroethene	< 2	2
124-48-1	Dibromochloromethane	< 2	2
79-00-5	1,1,2-Trichloroethane	< 2	2
71-43-2	Benzene	112	
10061-01-5	cis-1,3-Dichloropropene	< 2	2
110-75-8	2-Chloroethylvinylether	< 2	2
75-25-2	Bromoform	< 2	2
591-78-6	2-Hexanone	<10	10
108-10-1	4-Methyl-2-Pentanone	<10	10
127-18-4	Tetrachloroethene	< 2	2
108-88-3	Toluene	88	
108-90-7	Chlorobenzene	12	
100-41-4	Ethylbenzene	40	
100-42-5	Styrene	< 2	2
	Total Xylenes	88	
541-73-1	1,3-Dichlorobenzene	14	
95-50-1	1,2-Dichlorobenzene	16	
106-46-7	1,4-Dichlorobenzene	10	

TOTAL 380 µgrms/Kgm.

RONALD HULL.(Lab.Director)

PRAVIN PATEL.(Chemist)

1149 MINNESOTA AVENUE • SAN JOSE, CALIFORNIA 95125 • (408) 287-1777

HULL DEV. LABS INC.,
1149 MINNESOTA AVE.,
SAN JOSE.CA.95125

ORGANICS ANALYSIS DATA SHEET

DATE 3/7/86.
DATE REC'D. 3/3/86.
LAB.NO. 860042-W
CLIENT WINTER.
E.P.A. 601.

CLIENT : WINTER CONSTRUCTION. SAMPLE # 500 (GROUNDWATER) Location 185.

74-87-3	Chloromethane	7	U
74-83-9	Bromomethane	7	U
75-01-4	Vinyl Chloride	7	U
75-00-3	Chloroethane	11	
75-09-2	Methylene Chloride	6	
67-64-1	Acetone	14	
79-69-4	Trichlorofluoromethane	2	U
75-35-4	1,1-Dichloroethene	4	
75-34-3	1,1-Dichloroethane	2	U
156-60-5	Trans-1,2-Dichloroethene	2	U
67-66-3	Chloroform	2	U
76-13-1	Trichlorotrifluoroethane	2	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	4	
56-23-5	Carbon Tetrachloride	2	U
108-05-4	Vinyl Acetate	2	U
75-27-4	Bromodichloromethane	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-02-6	Trans-1,3-Dichloropropene	2	U
79-01-6	Trichloroethene	4	
124-48-1	Dibromochloromethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	6	
10061-01-5	cis-1,3-Dichloropropene	2	U
110-75-8	2-Chloroethylvinylether	2	U
75-25-2	Bromoform	2	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
127-18-4	Tetrachloroethene	2	U
108-88-3	Toluene	4	
108-90-7	Chlorobenzene	4	
100-41-4	Ethylbenzene	4	
100-42-5	Styrene	2	U
	Total Xylenes	8	
541-73-1	1,3-Dichlorobenzene	6	U
95-50-1	1,2-Dichlorobenzene	4	U
106-46-7	1,4-Dichlorobenzene	2	U

TOTAL = 79 µgrms/Kgm.

Data Reporting Qualifiers

For reporting purposes, the following qualifiers are used.

Value * : Indicates resulting value is greater than the instrument detection limit.

U : Indicates instrument detection limit.

B : Indicates compound was detected in both sample and blank.

Ronald Hull.

P. Patel 7/9

FIREMAN'S FUND RISK MANAGEMENT SERVICES, INC.

CONSULTING SERVICES
P. O. BOX 3890
SAN RAFAEL, CALIFORNIA 94911
800-227-0765
(IN CALIFORNIA 800-227-5889)

ENVIRONMENTAL LABORATORY
3700 LAKEVILLE HIGHWAY
PETALUMA, CALIFORNIA 94952
800-227-0765
(IN CALIFORNIA 800-227-5889)

LOSS CONTROL | INDUSTRIAL HYGIENE | LABORATORY | ENVIRONMENTAL ENGINEERING | OCCUPATIONAL HEALTH

Christine Kaiser
Teevan Company
1840 Washington Street
San Francisco, CA 94109

Re: 1 — Rollins Rd., Burlingame

LABORATORY RESULTS

Supply/Order No.:
Client's Survey No.:
Contract No.:

Laboratory Job No.: 852293
Date Received: 10/10/85
Date Reported: 10/24/85

Use This date

MERCURY(AA FLAMELESS ASSAY,AIHAJ,37,311,1976)

LABNO	SMPLNO	AIR M3	COMPOUND	FOUND MG	FOUND MG/M3	FOUND PPM
14466	1	BULK	HG			17.94
14467	2	BULK	HG			1.044

ANALYST:PRECY ROBINSON

DUPLICATE COPY

FIREMAN'S FUND
RISK MANAGEMENT
SERVICES, INC.

CONSULTING SERVICES
P. O. BOX 3890
SAN RAFAEL, CALIFORNIA 94911
800-227-0765
(IN CALIFORNIA 800-227-5889)

ENVIRONMENTAL LABORATORY
3700 LAKEVILLE HIGHWAY
PETALUMA, CALIFORNIA 94952
800-227-0765
(IN CALIFORNIA 800-227-5889)

LOSS CONTROL | INDUSTRIAL HYGIENE | LABORATORY | ENVIRONMENTAL ENGINEERING | OCCUPATIONAL HEALTH

L A B O R A T O R Y R E S U L T S

Laboratory Job No.: 852293

PURGEABLES BY GC/MS(EPA624)

COMPOUNDS: PURGEABLES	LAB#14467A SMP# 3 UG/L	LAB#14467B SMP# 4 UG/L	LAB# SMP# UG/	LAB# SMP# UG/
BENZENE	<0.20	<0.20		
BROMODICHLOROMETHANE	<0.10	<0.10		
BROMOFORM	<0.20	<0.20		
BROMOMETHANE	<1.18	<1.18		
CARBON TETRACHLORIDE	<0.12	<0.12		
CHLOROBENZENE	<0.25	<0.25		
CHLOROETHANE	<0.52	<0.52		
2-CHLOROETHYLVINYL ETHER	<0.13	<0.13		
CHLOROFORM	<0.05	<0.05		
CHLOROMETHANE	<0.08	<0.08		
DIBROMOCHLOROMETHANE	<0.09	<0.09		
1,2-DICHLOROBENZENE	<0.15	<0.15		
1,3-DICHLOROBENZENE	<0.32	<0.32		
1,4-DICHLOROBENZENE	<0.24	<0.24		
1,1-DICHLOROETHANE	<0.07	<0.07		
1,2-DICHLOROETHANE	<0.03	<0.03		
1,1-DICHLOROETHENE	<0.13	<0.13		
TRANS-1,2-DICHLOROETHENE	<0.10	<0.10		
1,2-DICHLOROPROPANE	<0.04	<0.04		
CIS-1,3-DICHLOROPROPENE	<0.20	<0.20		
TRANS-1,3-DICHLOROPROPENE	<0.34	<0.34		
ETHYL BENZENE	<0.20	<0.20		
METHYLENE CHLORIDE	12.80	21.40		
1,1,2,2-TETRACHLOROETHANE	<0.03	<0.03		
TETRACHLOROETHENE	<0.03	<0.03		
TOLUENE	<0.20	<0.20		
1,1,1-TRICHLOROETHANE	<0.03	<0.03		
1,1,2-TRICHLOROETHANE	<0.02	<0.02		
TRICHLOROETHENE	<0.12	<0.12		
TRICHLOROFLUOROMETHANE	<0.25	<0.25		

DUPLICATE COPY

FIREMAN'S FUND RISK MANAGEMENT SERVICES, INC.

CONSULTING SERVICES
P. O. BOX 3890
SAN RAFAEL, CALIFORNIA 94911
800-227-0765
(IN CALIFORNIA 800-227-5889)

ENVIRONMENTAL LABORATORY
3700 LAKEVILLE HIGHWAY
PETALUMA, CALIFORNIA 94952
800-227-0765
(IN CALIFORNIA 800-227-5889)

LOSS CONTROL | INDUSTRIAL HYGIENE | LABORATORY | ENVIRONMENTAL ENGINEERING | OCCUPATIONAL HEALTH

L A B O R A T O R Y R E S U L T S

Laboratory Job No.: 852293

COMPOUNDS:	LAB#14467A	LAB#14467B	LAB#	LAB#
	SMP# 3	SMP# 4	SMP#	SMP#
PURGEABLES	UG/L	UG/L	UG/	UG/

NOTE: THE SAMPLES WERE NOT RECEIVED REFRIGERATED NOR COLLECTED PROPERLY, AND WERE ANALYZED PER INSTRUCTIONS OF CLIENT.
Samples received in large quart Bottles 1/4 full

ANALYST: JOHN T. BYCHOWSKI Test invalid because of the headspace in sample container, client was informed of this but insisted on having the analysis performed, this came out in my conversation with John Bychowski on 10-30-85.

Bill Lentz

DUPLICATE COPY

OCT 20 2 57 PM '85
ENVIRONMENTAL
HEALTH

AMENDMENT TO
REVISED PLAN OF CORRECTION
FOR
1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Submitted To:

Judith Henley, Section Manager
Public Health Division
Department of Health Services
County of San Mateo
590 Hamilton Street
Redwood City, California 94063

Submitted By:

Jim Teevan, President
Teevan Company
1840 Washington Street
San Francisco, California 94109

Date: July 10, 1985

TABLE OF CONTENTS

I. MATERIALS AND AREAS TO BE REMOVED

Materials will be removed from three areas in the yard of 1019 Rollins Road, Burlingame. In total, 13 to 15 cubic yards of gravel, dirt, asphalt, and possibly clay will be loaded by backhoe into a 15 yard truck. A registered Class I hauler will transport this material to a registered dump site.

Location I

The location of sample D2 will be marked. A trough of dirt around this point will be excavated to an approximate depth of one foot. This trough will extend approximately one foot to the southwest and one foot toward Rollins Road from Point D2. The trough will extend approximately two feet to northeast and southeast of Point D2. The shape and location of this excavation is indicated on the accompanying map. In total, approximately eight cubic feet of dirt will be removed (2 feet x 4 feet x 1 foot).

Location II

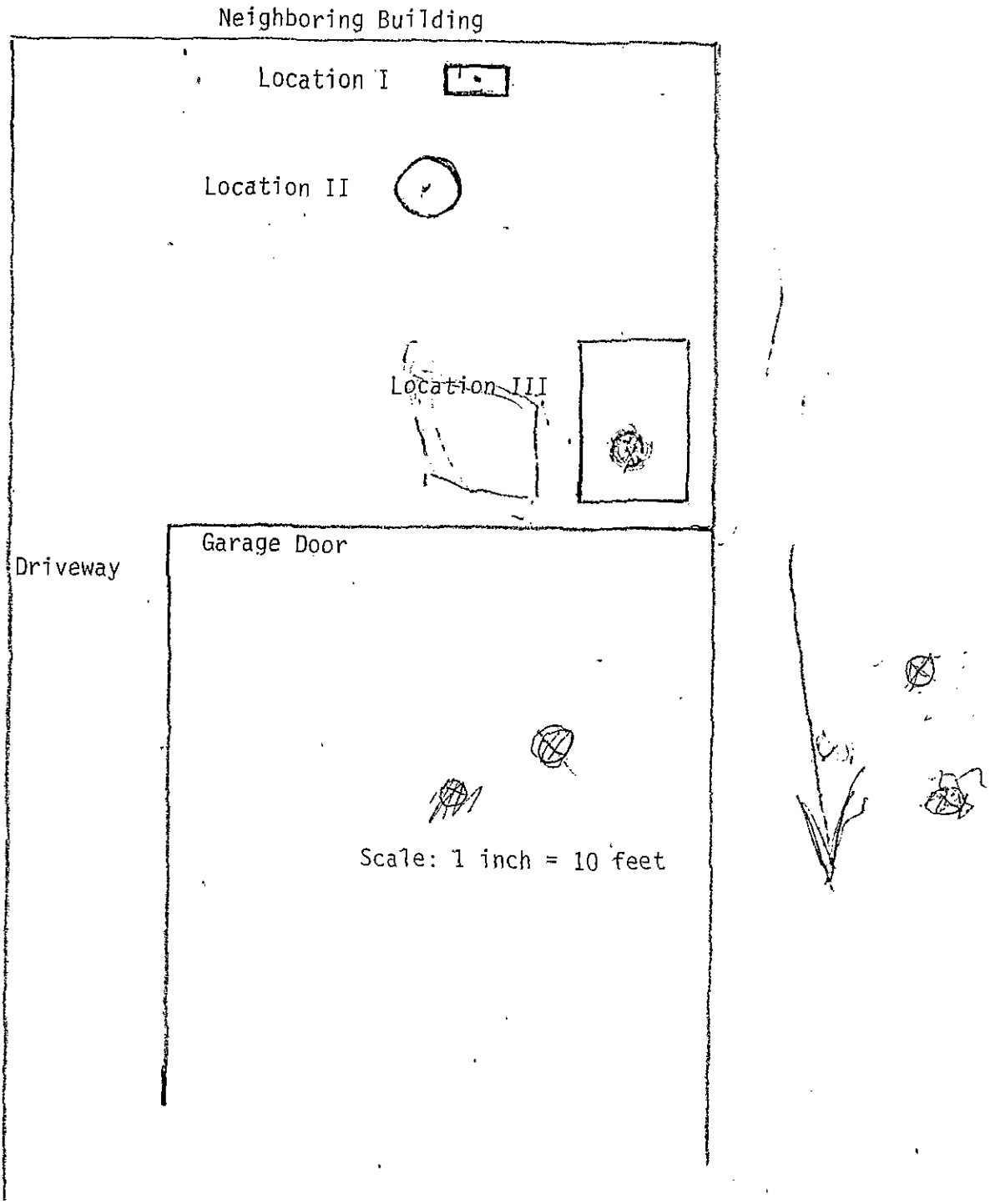
The location of sample A3 will be marked. Using this point as the center, a circle with a two foot radius will be drawn. Asphalt and dirt will be removed from this circular area to an average depth of six inches. The shape and location of this excavation is indicated on the accompanying map. In total, approximately six and a half cubic feet of asphalt and dirt will be removed. ($3.14 \times 2^2 \times 1/2$).

Location III

A rectangle approximately seven feet by ten feet will be marked. The seven foot sides will run parallel to the back of the building. The ten foot sides will run perpendicular. This excavated area will start approximately 18" from the building and 18" from the northwest lot line fence. This rectangular area of approximately

70 square feet will be excavated to an average depth of four feet. An additional 40 to 80 cubic feet of material will be removed from this location, which will allow on-site extensions. Gravel will be the major component removed from this location. Some dirt, sand and clay may be included. In total, from 320 to 360 cubic feet of material will be removed [(7 feet x 10 feet x 4 feet) and (40 cubic feet to 80 cubic feet)].

II. MAP OF AREAS



III. METHODS OF REMOVAL, CONTAINMENT AND DISPOSAL

Removal

Excavations will be performed by Chuck Kuiper of Oil Heat Engineering. He will use his backhoe and will supply the necessary worker protection, e.g., gloves, rubber suit, breathing apparatus, etc. He will discuss specific worker protection requirements with the County of San Mateo prior to excavation.

Containment and Disposal

Removed material will be loaded into a dump truck supplied by a Class 1 hauler. Erickson, Inc. or IT Transportation will be used to move the material to the IT dump site in Benicia, given this material is approved for this location. A composite sample from 1019 Rollins Road has been submitted to the Benicia facility for their approval. If this material is not accepted by Benicia, then the registered site in Kettlemen City will be used. A copy of the freight manifest will be forwarded to the San Mateo County.

IV. SAMPLING AND ANALYSIS

After disposal, new samples will be taken from each of the three locations. These samples will be taken by Anne Walton, who will maintain custody of them and transport them to Fireman's Fund for analysis.

One sample will be taken from the middle of location I and a second will be taken from location II. These samples will be analyzed for mercury using Test AA Flameless Assay, AIHAH, 37, 311, 1976.

In Location III a soil sample will be taken unless sufficient volume of free liquid is found to enable liquid samples.

If soil samples are taken, one sample will be taken three feet away from the building and a second will be taken nine feet back from the building. These samples will be analyzed for Methylene Chloride and Tetrachloroethene using Test EPA 8240, "Volatile organics by Purge and Trap using GCMS."

If liquid samples are taken, one sample will be taken three feet back from building and the second will be taken nine feet away from the building. If water depth permits, the sample closer to the building will be taken at a depth of 3" to 6" and the samples further from the building will be taken at a depth of 6" to 9". These samples will be analyzed for Methylene Chloride and Tetrachloroethene using EPA 624 for purgeables.

V. SCHEDULING

The excavation will be scheduled to be performed within ten working days after approval of this plan if scheduling time is available from Chuck Kuiper. If more time is required, the City of San Mateo will be kept informed of specifics.

The dirt will be delivered to the dump site within three working days of excavation.

Sampling will be scheduled to occur within ten working days of excavation.

The samples will be delivered to Fireman's Fund within three working days of sampling. Fireman's Fund will spend approximately ten working days analyzing the samples. The results will be mailed to Teevan Company, who will mail them to the County within three working days of receipt.

FIREMAN'S FUND RISK MANAGEMENT SERVICES, INC.

CONSULTING SERVICES
P. O. BOX 3890
SAN RAFAEL, CALIFORNIA 94911
800-227-0765
(IN CALIFORNIA 800-227-5889)

ENVIRONMENTAL LABORATORY
3700 LAKEVILLE HIGHWAY
PETALUMA, CALIFORNIA 94952
800-227-0765
(IN CALIFORNIA 800-227-5889)

LOSS CONTROL | INDUSTRIAL HYGIENE | LABORATORY | ENVIRONMENTAL ENGINEERING | OCCUPATIONAL HEALTH

JAMES TEEVAN
Teevan Company
1840 Washington Street
San Francisco, CA 94109

L A B O R A T O R Y R E S U L T S

Supply/Order No.:
Client's Survey No.:
Contract No.:

Laboratory Job No.: 850914
Date Received: 05/01/85
Date Reported: 05/28/85

use this date

LEAD(AA-GRAPHITE FURNACE ASSAY,EPA 239.2)
MERCURY(AA FLAMELESS ASSAY,AIHAJ,37,311,1976)

LABNO	SMPLNO	AIR M3	COMPOUND	FOUND MG	FOUND MG/M3	FOUND PPM
5504	1 (A1)	BULK	PB			200.00
			HG			0.715
5505	2 (A2)	BULK	PB			214.29
			HG			7.207
5506	3 (A3)	BULK	PB			545.55
			HG			130.44
5507	4 (A4)	BULK	PB			47.58
			HG			4.239
5508	5 (D1)	BULK	PB			705.97
			HG			11.20
5509	6 (D2)	BULK	PB			269.20
			HG			23.45
5510	7 (D3)	BULK	PB			554.02
			HG			4.844
5511	8 (D4)	BULK	PB			428.99
			HG			10.56
5516	13 (SLUDGE)	BULK	PB			9.040
			HG			0.249

A3 - 30' LEFT EDGE GAS TANK
A4 - STRAIGHT UP FROM CONCRETE SLAB

FIREMAN'S FUND
RISK MANAGEMENT
SERVICES, INC.

CONSULTING SERVICES
P. O. BOX 3890
SAN RAFAEL, CALIFORNIA 94911
800-227-0765
(IN CALIFORNIA 800-227-5889)

ENVIRONMENTAL LABORATORY
3700 LAKEVILLE HIGHWAY
PETALUMA, CALIFORNIA 94952
800-227-0765
(IN CALIFORNIA 800-227-5889)

LOSS CONTROL | INDUSTRIAL HYGIENE | LABORATORY | ENVIRONMENTAL ENGINEERING | OCCUPATIONAL HEALTH

L A B O R A T O R Y R E S U L T S

Laboratory Job No.: 850914

PURGEABLES BY GC/MS(EPA624)

COMPOUNDS: PURGEABLES	LAB#5512 SMP#9 (L1) UG/L	LAB#5513 SMP#10 (L1) UG/L	LAB#5514 SMP#11 (L2) 3'-6' UG/L	LAB#5515 SMP#12 (L2) 9'-12" UG/L
BENZENE	<0.20	<0.20	<0.20	<0.20
BROMODICHLOROMETHANE	<0.10	<0.10	<0.10	<0.10
BROMOFORM	<0.20	<0.20	<0.20	<0.20
BROMOMETHANE	<1.18	<1.18	<1.18	<1.18
CARBON TETRACHLORIDE	<0.12	<0.12	<0.12	<0.12
CHLOROBENZENE	<0.25	<0.25	<0.25	<0.25
CHLOROETHANE	<0.52	<0.52	<0.52	<0.52
2-CHLOROETHYLVINYL ETHER	<0.13	<0.13	<0.13	<0.13
CHLOROFORM	<0.05	<0.05	7.95	9.78
CHLOROMETHANE	<0.08	<0.08	<0.08	<0.08
DIBROMOCHLOROMETHANE	<0.09	<0.09	<0.09	<0.09
1,2-DICHLOROBENZENE	<0.15	<0.15	<0.15	<0.15
1,3-DICHLOROBENZENE	<0.32	<0.32	<0.32	<0.32
1,4-DICHLOROBENZENE	<0.24	<0.24	<0.24	<0.24
1,1-DICHLOROETHANE	<0.07	<0.07	<0.07	<0.07
1,2-DICHLOROETHANE	<0.03	<0.03	<0.03	<0.03
1,1-DICHLOROETHENE	<0.13	<0.13	<0.13	<0.13
TRANS-1,2-DICHLOROETHENE	<0.10	<0.10	<0.10	<0.10
1,2-DICHLOROPROPANE	<0.04	<0.04	<0.04	<0.04
CIS-1,3-DICHLOROPROPENE	<0.20	<0.20	<0.20	<0.20
TRANS-1,3-DICHLOROPROPENE	<0.34	<0.34	<0.34	<0.34
ETHYL BENZENE	<0.20	<0.20	<0.20	<0.20
METHYLENE CHLORIDE	77.40	41.60	98.70	50.10
1,1,2,2-TETRACHLOROETHANE	<0.03	<0.03	<0.03	<0.03
TETRACHLOROETHENE	<0.03	<0.03	4.93	2.55
TOLUENE	<0.20	<0.20	<0.20	<0.20
1,1,1-TRICHLOROETHANE	<0.03	<0.03	<0.03	<0.03
1,1,2-TRICHLOROETHANE	<0.02	<0.02	<0.02	<0.02
TRICHLOROETHENE	<0.12	<0.12	<0.12	<0.12
TRICHLOROFLUOROMETHANE	<0.25	<0.25	<0.25	<0.25
VINYL CHLORIDE	<0.18	<0.18	<0.18	<0.18

ANALYST:JOHN T. BYCHOWSKI

REVISED PLAN OF CORRECTION

for

1019 ROLLINS ROAD
BURLINGAME, CALIFORNIA

Submitted To:

John Rapp, Sanitarian
Public Health Division
Department of Health Services
County of San Mateo
590 Hamilton Street
Redwood City, California 94063

Submitted By:

Jim Teevan, President
Teevan Company
1840 Washington Street
San Francisco, California 94109

Date: March 8, 1985

TABLE OF CONTENTS

I. STATEMENT OF PURPOSE

On November 5, 1984, two samples of ground liquid and two samples of earth were taken from the yard located at 1019 Rollins Road, Burlingame.

These samples were sent for analysis to California Water Labs, Inc., Modesto, California. California Water Labs determined the apparent levels of solvent/oil mixture and of mercury to be above the minimum acceptable levels.

The results from California Water Labs were studied by officials and experts employed by San Mateo County. It was determined that a Plan of Correction must be submitted by James R. Teevan of Teevan Company to San Mateo County.

The goals of the Plan of Correction are: (1) To reduce the levels of solvent/oil mixture and mercury in the yard of 1019 Rollins Road, Burlingame, to acceptable levels (2) To verify these levels.

II. PROPOSED SAMPLING LOCATIONS AND DEPTHS

It is proposed that thirteen new samples be taken to verify that current levels of solvent/oil mixture and mercury are within acceptable limits. If excessive amounts of mercury or solvent/oil mixture are found, these tests will be used to focus clean-up.

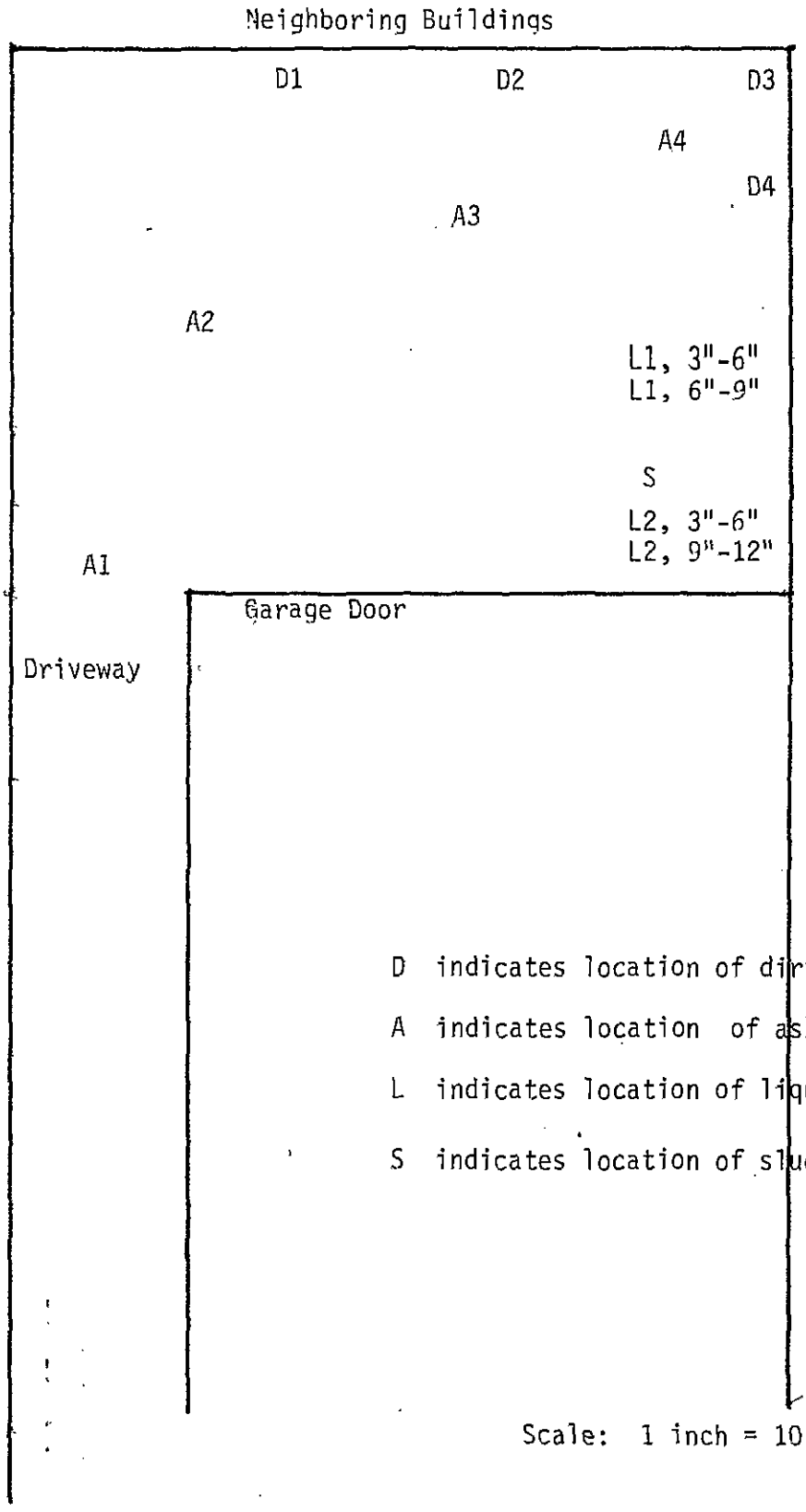
Four samples will be liquid. The liquid samples will be taken from the two locations marked L1 and L2. At each location a sample will be taken at a depth of three to six inches, which will be labeled L1, 3"-6", and L2, 3"-6". At location L1 another sample will be taken at 6" to 9" which will be labeled L1, 6"-9". At location L2 a fourth liquid sample will be taken at a depth of 9" to 12" which will be labeled L2, 9"-12". These four samples will then be analyzed to determine solvent/oil mixture levels.

Four samples will be taken of asphalt. The asphalt samples will be taken from locations marked A1, A2, A3 and A4. These samples will be taken from the surface and will be analyzed for lead and mercury.

Four samples will be soil or dirt. The samples will be taken from locations marked D1, D2, D3 and D4. These will be taken from the surface and analyzed for mercury and lead.

One sample will be taken of sludge that is located at the termination of the drain leading away from the back of the building. This sample will be analyzed for solvent/oil mixture, lead and mercury. Locating this sludge will involve digging in the gravel.

III. MAP OF PROPOSED SAMLING LOCATIONS



IV. SAMPLING METHODS AND EQUIPMENT

Liquid Samples:

A shovel will be used to dig a hole at locations marked L1 and L2. These two holes will be dug to a depth that is approximately fifteen inches deeper than the water level. A glass test tube with a covered mouth will be submerged to the appropriate depth. While submerged the cover of the test tube will be removed. This liquid sample will then be poured into a larger glass container. For each liquid sample, 2 to 6 ounces will be collected. The samples from these locations will be kept separate from each other. The glass containers will be clean of contaminants. An inert plastic or aluminum foil covering will be secured over the top of the glass jar that will be used for transportation.

Asphalt Samples:

A small pick will be used to strike the asphalt surface. A dozen blows will be made at a single location. A clean hand trowel will be used to pick up the loosened asphalt pieces. A sample of 2 to 6 ounces will be placed in a clean plastic bag. This process will be carried out at locations marked A1, A2, A3 and A4. Samples from each location will be kept separate from each other.

Dirt and Soil Samples:

At locations Marked D1, D2, D3 and D4, a clean hand trowel will be used to gather 2 to 6 ounces of dirt from a single location. Samples from each of the locations will be kept separate from each other.

Sludge Sample:

At the termination of the drain pipe leading away from the building, a test tube with a covered mouth will be submerged to the sludge. When contact with the sludge is made, the cover will be slid aside as the test tube is forced into the sludge. The cover will be replaced and the test

Sludge Sample (Continued)

tube removed. The contents of this test tube will be placed in a separate clean transport jar. An inert cover will be applied to this jar.

V. STEPS TO PREVENT CROSS CONTAMINATION OF SAMPLES

Separate Containers:

Each sample will be placed in a separate container. Each container will be sealed to prevent loss of the sample from that container. The time and date will be marked on each container.

Clean Equipment:

Each sample will be taken with cleaned equipment. The test tube, the hand trowel and the pick will be cleaned after taking each sample, or new trowels and picks will be used.

If employed, the decontamination process will include a wash with water and detergent followed by a wash with paint thinner. Then the equipment will be washed with alcohol and rinsed with tap water. The final rinse will be with deionized (bottled) water.

VI. DATE AND TIME OF SAMPLE COLLECTION

The Thirteen Samples Described:

This report will be typed and mailed to the County of San Mateo on March 8, 1985. Approximately one week later Jim Teevan will telephone John Rapp to determine if adjustments are necessary in any of the procedures outlined for the gathering of the thirteen samples. A date and time will then be scheduled for the consultant to visit the property and collect the described samples. This date and time will be within 30 days of procedural agreement.

VII. CHAIN OF CUSTODY

The Consultant will then take or supervise the taking of the samples. She will label sample containers and transport the samples to Fireman's Fund. No other individual will be included in the chain of custody.

VIII. METHOD OF ANALYSIS

Mercury Test:

The mercury testing method used by Fireman's Fund Risk Management Services, Inc. will be AA Flameless Assay, AIHAH, 37, 311, 1976. The results are expressed in parts per million.

Lead Test:

The testing method used by Fireman's Fund Risk Management Services will be AA Assay NIOSH 173.

Solvent/Oil Mixture Test

The testing method for solvent/oil mixture used by Fireman's Fund Risk Management Services, Inc. will be SW #846. The results are expressed in milligrams or micrograms per liter.

XI. CLEAN-UP, DISPOSAL AND ADDITIONAL SAMPLING

After the thirteen samples described in the report are taken and analyzed, a determination will be made if clean-up is required. The results of the sampling will be used to localize clean-up if it is required.

If clean-up is required, additional samples will be taken after clean-up in the locations of the negative findings.

X. SCHEDULE OF CLEAN-UP AND DISPOSAL

If clean-up is required, a schedule of clean-up will be submitted to the County of San Mateo once the results from the samples are received and analyzed. If clean-up is required, it will be scheduled within 30 days of determination of need for clean-up.

XI. CONSULTANT'S RESUME

ANNE HART WALTON
2383 Dominic Drive
Novato, CA 94947
Home Phone (415) 892-4496
Message Phone (415) 924-6703

EDUCATION

UNIVERSITY OF SAN FRANCISCO SCHOOL OF LAW
Candidate, Juris Doctor, 1984
GPA: 2.97
Honors: McAuliffe Honor Society (Top 10%), 1980
Finalist, Phillip N. Kottler Scholarship Essay Contest, 1981

UNIVERSITY OF SAN FRANCISCO
Master of Science in Environmental and Occupational Toxicology
Degree to be Conferred May 19, 1984
GPA: 3.20
Thesis Title: "Asbestos-Induced Immune Response: Relationship Between Human and In Vitro Studies"

BARAT COLLEGE OF THE SACRED HEART, Lake Forest, IL
Bachelor of Arts, Chemistry, 1970

PUBLICATIONS

Co-author (in preparation) *Creating Practical Remedies for the Legacy of Toxic Substances: Latent Disease* for U.S.F.L. Rev.

Co-author: *Development of a Format for Abstracting Dose Response for Use in Quantitative Structure-Activity Relations* (QSARS) 21 J. Chemical Information & Computer Sci. 14 (1981).

EXPERIENCE

JUDICIAL CLERK Summer and Fall 1983
Honorable William J. Newsom
First District Division One
California Court of Appeals, San Francisco, CA
Researched and prepared conference memoranda. Prepared memoranda on pre-hearing and post-hearing motions. Assisted in preparation of final opinions. Attended oral argument.

JUDICIAL CLERK Fall 1982 and Spring 1983
Honorable Daniel H. Weinstein
Superior Court of San Francisco, San Francisco, CA
Researched motions, prepared summary notes and orally briefed judge. For a complex litigation case, researched motions in limine and assisted with the preparation of an in limine opinion dealing with fear of cancer and increased risk of cancer. Attended status conferences, voire dire hearings and trials.

EMPLOYMENT

STAFF SCIENTIST TOXICOLOGIST 1978-1980
Systems Application, Inc., San Rafael, CA
Prepared reports on human hazard associated with operation of geothermal and coal-fired power plants as part of state licensing requirements. Frequently participated at hearings conducted by California Energy Resources Conservation and Development Commission: answered questions raised by the public and Commission staff, prepared written testimony and assisted lawyers in preparation for hearings.

SCIENTIFIC STAFF MEMBER 1977-1978
Flow Resources, Corp., San Rafael, CA
Prepared toxicological assessment reports on products produced by a large chemical manufacturer. Participated in hydrogen sulfide workshop as part of assessment of human health hazards resulting from geothermal energy production. Edited the final workshop report.

EMPLOYMENT (Continued)

CHEMIST 1974-1977
Iowa Agriculture Laboratory, Des Moines, IA
Analyzed antibiotics in milk, meat, food and animal feed. Modified antibiotic assay to reduce exposure to irritating chemicals.

CHEMIST 1973-1974
U.S. Army Corps of Engineers, Omaha, NE
Analyzed water samples using wet chemistry, atomic absorption, microbiological, and specific-ion methodologies. First female technical worker at the laboratory.

RESEARCH TECHNICIAN 1971-1973
University of Nebraska Medical Center, Omaha, NE
Participated in cancer research and maternal health projects. Advanced to coordinating research project (cathepsin assay) and supervising other technicians.

CHEMISTRY TEACHER 1970-1971
St. Albert High School, Council Bluffs, IA
Taught high school chemistry and general science courses.

PROFESSIONAL ORGANIZATIONS

Northern California Association of Genetic and Environmental Toxicology,
Math and Science Network

COMPUTER SKILLS

Scientific: Lockheed Dialog and National Library of Medicine systems
Legal: LEXIS

REFERENCES

Dr. Arthur Furst
Distinguished Professor
Univerity of San Francisco
(415) 666-6415
Home: (415) 493-9296

Warren Rider
Research Attorney for the
Honorable William Newsom
California Court of Appeals
District One Division One
San Francisco, CA 94102
(415) 557-3736

Honorable Daniel H. Weinstein
Department 12
Superior Court of San Francisco
City Hall
San Francisco, CA
(415) 558-4252

WRITING SAMPLE FURNISHED UPON REQUEST

ENVIRONMENTAL HEALTH
JAN 7 10 37 '85

IT CORPORATION

January 3, 1985

Mr. John Rapp
San Mateo County Office of
Environmental Health
590 Hamilton
Redwood City, California 94063

Dear Mr. Rapp:

As you requested during our telephone conversation, attached is "Service Request" the IT driver was given when he picked up the material from Manifest #84120111 on 11/1/84.

I also attached a copy of service order #39594. This service order states material originated from Burlingame.

Sincerely,

IT CORPORATION

Laura Clark

Laura Clark
Supervisor

LC/bt

CALL W. TH ETA

I.T. TRANSPORTATION

SERVICE REQUEST

TIME AFTER 1200 DATE 1/

CALLED IN BY JEFF JACKSON

COMPANY TEC VAN

ADDRESS 1019 ROLLINGS RD. KINGMAN

PHONE 471-8826 P.O.#

CONTACT JEFF

TYPE MATERIAL PAINT WASTE

QUANTITY: 55GL 21 CU.YD. OTHER

TYPE MATERIAL

QUANTITY: 55GL CU.YD. OTHER

TYPE MATERIAL

QUANTITY: 55GL CU.YD. OTHER

DELIVER: 17E 17H POLY (55-GL)

RECOVERY BUNGS BUNG WRENCH

LIDS RINGS GASKETS BOLTS

VERMICULITE DOT LABELS PCB LABELS

SPECIAL INFORMATION: HAZ PROFILE - 1

30 HAZ WASTE

30 - COMBUSTIBLE STUFF

ORDER TAKEN BY: DATE/TIME

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

IT TRANSPORTATION

TRANSPORTATION CORPORATION
San Jose Division
SITE. 3010 Zanker Road San Jose CA 95131
(408) 263-7250 (24 HOUR SERVICE)

SERVICE ORDER
NO. 39594

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 11-1-84

Company Name TEE VAN PAINTING CO. Order No.

Billing Address [redacted] 1940 WASHINGTON St City [redacted] SAN FRANCISCO, CA

Tank No. Ship

Origin [redacted] BURLINGAME, CA Destination SAN JOSE, CA Commodity HAZ. WASTE

Services Performed PUT 22 X 55 GAL. COMBUSTIBLE LIQUID, HAZ. MATERIAL. USED 22 HAZ. WASTE LABELS. USED 1 RECOVERY DRUM FOR A DRUM THAT WAS LEAKING.

Time In: 1:30 P.m.	Time In:	Time In:
Time Out: 2:45 P.m.	Time Out:	Time Out:

Truck No. 860 Start 1:00 P M Stop 3:30 P M Gross Time Hrs.
Trailer No. Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal 1 Disposal Facility IT YARD / CWM Net Time S.T. Hrs.
Total bbl Total Gallons O T. Hrs.
Total Drums 22 Total Cu. Yd. Type Material PAINT WASTE D.T. Hrs.
Driver Jim S. / Bridge Toll / Jim Seeger
Helper / Subsistence / Driver Signature
/ Washout / J. Jackson
Job #1 / / Customer Signature

Manifest No. 84120111 This contract is subject to conditions as stated on reverse side

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

November 14, 1984

San Mateo County Dept. of Health Services
Redwood City, Calif.

ATTN: JOHN RAPP

Dear John,

Attached are the results of the analysis of your samples. The solvent / oil mixtures are being further quantitated to identify the substances.

Sincerely,

Roy L. Sloan

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor San Mateo County Dept of Health Ser. Lab I.D. 6190-84

Street Purchase Order

City Redwood City, Ca. Zip Referring Lab

Sample I.D. Teevan Painting Co. JP001 Date Collected 11-5-84

Collected by: John Rapp

SUBSTANCE	MG/KG
Antimony	< .03
Arsenic	< .03
Barium	< .10
Beryllium	< .03
Cadmium	< .10
Chromium	< .10
Cobalt	0.41
Copper	< .1
Lead	< .03
Mercury	4.11
Molybdenum	< .03
Nickel	.33
Selenium	< 0.2
Silver	< .005
Thallium	< .1
Vanadium	< .1
Zinc	7.67

Nitric Acid Extraction

Date Received 11-7-84

Date Started 11-10-84

Date Completed 11-13-84

By: [signature]

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

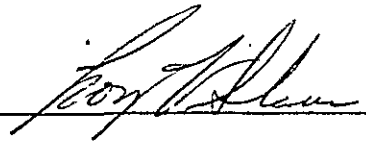
Purveyor San Mateo County Dept. of Health
Street
City Redwood City, Ca Zip
Sample I.D. Teevan Painting Co, JP001
Collected by: John Rapp

Lab I.D. 6190-84
Purchase Order
Referring Lab
Date Collected 11-5-84

METHOD 624

COMPOUND	ppb DETECTED	COMPOUND	ppb DETECTED
Benzene	< 4.4	Methylene chloride	< 2.8
Bromodichloromethane	< 2.2	1,1,2,2-Tetrachloroethane	< 6.9
Bromoform	< 4.7	Tetrachloroethene	< 4.1
Bromomethane	< 2.0	Toluene	< 6.0
Carbon tetrachloride	< 2.8	1,1,1-Trichloroethane	< 3.8
Chlorobenzene	< 6.0	1,1,2-Trichloroethane	< 5.0
Chloroethane	< 2.0	Trichloroethene	< 1.9
2-Chloroethylvinyl ether	< 4.0	Trichlorofluoromethane	< 1.7
Chloroform	< 1.6	Vinyl chloride	< 2.0
Chloromethane	< 3.0	1,2-Dichloropropane	< 6.0
Dibromochloromethane	< 3.1		
1,2-Dichlorobenzene	< 1.9		
1,3-Dichlorobenzene	< 1.9	light solvent/oil mixture	~ 2%
1,4-Dichlorobenzene	< 4.4	such as paint thinner	
1,1-Dichloroethane	< 4.7		
1,2-Dichloroethane	< 2.8		
1,1-Dichloroethene	< 2.8		
trans-1,2-Dichlorc ethene	< 1.6		
cis-1,3-Dichloropropene	< 4.0		
trans-1,3-Dichloropropene	< 5.0		
Ethyl Benzene	< 7.2		

Date Received 11-5-84
Date Started 11-12-84
Date Completed 11-12-84

By: 

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor San Mateo County Dept of Health Ser. Lab I.D. 6191-84

Street Purchase Order

City Redwood City, Ca. Zip Referring Lab

Sample I.D. Teevan Painting Co. JP004 Date Collected 11-5-84

Collected by: John Rapp

SUBSTANCE	MG/KG
Antimony	< .03
Arsenic	< .03
Barium	< .10
Beryllium	< .03
Cadmium	< .10
Chromium	0.16
Cobalt	0.49
Copper	< .1
Lead	< .03
Mercury	.82
Molybdenum	< .03
Nickel	.33
Selenium	< 0.2
Silver	< .005
Thallium	< .1
Vanadium	< .1
Zinc	7.12

Nitric Acid Extraction

Date Received 11-7-84

Date Started 11-10-84

Date Completed 11-13-84

By: Tony Tolman

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor San Mateo County Dept. of Health
Street
City Redwood City Zip
Sample I.D. Teevan Painting Co. JP004
Collected by: John Rapp

Lab I.D. 6191-84
Purchase Order
Referring Lab
Date Collected 11-5-84

METHOD 624

COMPOUND	ppb DETECTED	COMPOUND	ppb DETECTED
Benzene	< 4.4	Methylene chloride	< 2.8
Bromodichloromethane	< 2.2	1,1,2,2-Tetrachloroethane	< 6.9
Bromoform	< 4.9	Tetrachloroethene	< 4.1
Bromomethane	< 2.0	Toluene	< 6.0
Carbon tetrachloride	< 2.8	1,1,1-Trichloroethane	< 3.8
Chlorobenzene	< 6.0	1,1,2-Trichloroethane	< 5.0
Chloroethane	< 2.0	Trichloroethene	< 1.9
2-Chloroethylvinyl ether	< 4.0	Trichlorofluoromethane	< 1.7
Chloroform	< 1.6	Vinyl chloride	< 2.0
Chloromethane	< 3.1	1,2-Dichloropropane	< 6.0
Dibromochloromethane	< 3.1		
1,2-Dichlorobenzene	< 1.9		
1,3-Dichlorobenzene	< 1.9	solvent / oil mixture	~1%
1,4-Dichlorobenzene	< 4.4		
1,1-Dichloroethane	< 4.7		
1,2-Dichloroethane	< 2.8		
1,1-Dichloroethene	< 2.8		
trans-1,2-Dichloroethene	< 1.6		
cis-1,3-Dichloropropene	< 4.0		
trans-1,3-Dichloropropene	< 5.0		
Ethyl Benzene	< 7.2		

Date Received 11-5-84
Date Started 11-12-84
Date Completed 11-12-84

By: Tony Sloan

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor San Mateo County Dept of Health Ser. Lab I.D. 6192-84

Street Purchase Order

City Redwood City, Ca. Zip Referring Lab

Sample I.D.Teevan Painting Co. JP006 Date Collected 11-5-84

Collected by: John Rapp

SUBSTANCE	MG/KG
Antimony	0.68
Arsenic	1.02
Barium	1667
Beryllium	0.32
Cadmium	6.84
Chromium	47.9
Cobalt	35.9
Copper	29.1
Lead	547
Mercury	44.4
Molybdenum	2.9
Nickel	51.3
Selenium	< .4
Silver	1.03
Thallium	20.5
Vanadium	54.7
Zinc	982.9

Nitric Acid Extraction

Date Received 11-7-84

Date Started 11-10-84

Date Completed 11-13-84

By: Tony Klein

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor San Mateo County Dept. of Health
Street
City Redwood City Zip
Sample I.D. Teevan Painting Co. JP006
Collected by: John Rapp

Lab I.D. 6192-84
Purchase Order
Referring Lab
Date Collected 11-5-84

METHOD 624

COMPOUND	ppb DETECTED	COMPOUND	ppb DETECTED
Benzene	< 4.4	Methylene chloride	< 2.8
Bromodichloromethane	< 2.2	1,1,2,2-Tetrachloroethane	< 6.9
Bromoform	< 4.9	Tetrachloroethene	< 4.1
Bromomethane	< 2.0	Toluene	< 6.0
Carbon tetrachloride	< 2.8	1,1,1-Trichloroethane	< 3.8
Chlorobenzene	< 6.0	1,1,2-Trichloroethane	< 5.0
Chloroethane	< 2.0	Trichloroethene	< 1.9
2-Chloroethylvinyl ether	< 4.0	Trichlorofluoromethane	< 1.7
Chloroform	< 1.6	Vinyl chloride	< 2.0
Chloromethane	< 3.0	1,2-Dichloropropane	< 6.0
Dibromochloromethane	< 3.1		
1,2-Dichlorobenzene	< 1.9		
1,3-Dichlorobenzene	< 1.9	heavy solvent/light oil	427 PPB
1,4-Dichlorobenzene	< 4.4	mixture	
1,1-Dichloroethane	< 4.7		
1,2-Dichloroethane	< 2.8		
1,1-Dichloroethene	< 2.8		
trans-1,2-Dichloroethene	< 1.6		
cis-1,3-Dichloropropene	< 4.0		
trans-1,3-Dichloropropene	< 5.0		
Ethyl Benzene	< 7.2		

Date Received 11-5-84
Date Started 11-9-84
Date Completed 11-9-84

By: Tony T. Sloan

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

Purveyor San Mateo County Dept of Health Ser. Lab I.D. 6193-84

Street Purchase Order

City Redwood City, Ca. Zip Referring Lab

Sample I.D. Teevan Painting Co. JP007 Date Collected 11-5-84

Collected by: John Rapp

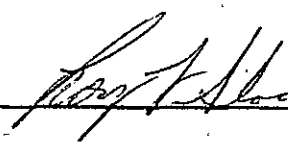
SUBSTANCE	MG/KG
Antimony	0.85
Arsenic	0.51
Barium	2436
Beryllium	0.49
Cadmium	3.67
Chromium	34.2
Cobalt	69.2
Copper	60.7
Lead	393
Mercury	73.5
Molybdenum	2.4
Nickel	49.6
Selenium	< 0.4
Silver	2.1
Thallium	14.5
Vanadium	32.5
Zinc	982.9

Nitric Acid Extraction

Date Received 11-7-84

Date Started 11-10-84

Date Completed 11-13-84

By: 

California Water Labs, Inc.

P. O. BOX 4249
1430 CARPENTER LANE — SUITE G
MODESTO, CA 95352
PHONE (209) 527-4050

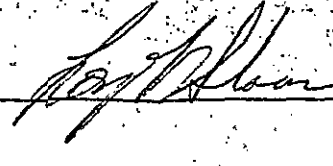
Purveyor San Mateo County Dept. of Health
Street
City Redwood City Zip
Sample I.D. Teevan Painting Co. JP007
Collected by: John Rapp

Lab I.D. 6193-84
Purchase Order
Referring Lab
Date Collected 11-5-84

METHOD 624

COMPOUND	ppb DETECTED	COMPOUND	ppb DETECTED
Benzene	< 4.4	Methylene chloride	< 2.8
Bromodichloromethane	< 2.2	1,1,2,2-Tetrachloroethane	< 6.9
Bromoform	< 4.7	Tetrachloroethene	< 4.1
Bromomethane	< 2.0	Toluene	< 6.0
Carbon tetrachloride	< 2.8	1,1,1-Trichloroethane	< 3.8
Chlorobenzene	< 6.0	1,1,2-Trichloroethane	< 5.0
Chloroethane	< 2.0	Trichloroethene	< 1.9
2-Chloroethylvinyl ether	< 4.0	Trichlorofluoromethane	< 1.7
Chloroform	< 1.6	Vinyl chloride	< 2.0
Chloromethane	< 3.0	1,2-Dichloropropane	< 6.0
Dibromochloromethane	< 3.1		
1,2-Dichlorobenzene	< 1.9		
1,3-Dichlorobenzene	< 1.9	heavy solvent/oil mixture	385 PPB
1,4-Dichlorobenzene	< 4.4		
1,1-Dichloroethane	< 4.7		
1,2-Dichloroethane	< 2.8		
1,1-Dichloroethene	< 2.8		
trans-1,2-Dichloroethene	< 1.6		
cis-1,3-Dichloropropene	< 4.0		
trans-1,3-Dichloropropene	< 5.0		
Ethyl Benzene	< 7.2		

Date Received 11-5-84
Date Started 11-12-84
Date Completed 11-12-84

By: 

Department of Health Services
PUBLIC HEALTH DIVISION — Environmental Health

11/5/1984

Collector's Sample No. JP001
JP002
JP004
JP006
JP007

CHAIN OF CUSTODY RECORD
Hazardous Materials

Location of Sampling: X Producer __ Hauler __ Disposal Site
__ Other: Commercial & Residential Painting Contractor

Company's Name TEEVAN PAINTING CO. Telephone (415) 474-8826

Address 1840 Washington Street, San Francisco CA
number street city state zip

Collector's Name John E. Rapp (signature) Telephone (415) 363-4305

Date Sampled November 5, 1984 Time Sampled 1100-1200 hours

Type of Process Producing Waste Paint waste apparently discharged into sump and onto soil at company facility, 1019 Rollins, Burling

Waste Type Code - Other Paint waste

Field Information Teevan Company's vacant satellite facility at above address site of apparent discharge of paint waste and associated materials (solvents, etc.) Samples obtained from sump in rear yard and from soil in rear yard.

Sample Allocation:

1. Split samples provided to Mr. Jim Teevan representing Teevan Company
name of organization
2. Remaining samples maintained by San Mateo Co. Office of Environmental Health
name of organization
3. _____
name of organization

Chain of Possession

	signature	title	inclusive dates
1.	John E. Rapp	Registered Sanitarian, Hazardous Materials Unit	11/5/84 11/7/84
2.	Steven J. Turner	President, Calif. Water Lab	11/7/84
3.			

Figure 13. Example of chain of custody record

EMERGENCY ORDER

No. 6824

From OFFICE OF SAN MATEO COUNTY PURCHASING AGENT,
REDWOOD CITY, CALIFORNIA

Date 10-6-84

To Calif Water Labs

Deliver To Health Dept
org 5720
att MARK

Modesto, Ca

NOTE: THIS EMERGENCY ORDER WILL BE FOLLOWED BY REGULAR PURCHASE ORDER

QUANTITY	MEASURE	DESCRIPTION	UNIT PRICE	NET COST
		emergency water sample for hazerous waste		
			NTE	250 00

CALIFORNIA WATER LABS

E.P.A. AND STATE CERTIFIED
FOR
WATER, WASTEWATER, HAZARDOUS WASTE ANALYSIS

STEVE FURNAS
(209) 527-4050

1430 CARPENTER LANE
P.O. BOX 4249
MODESTO, CA 95352

Purchasing Agent

By

VENDOR'S COPY

11/6/84

Steve:

If I'm not in when you arrive, please ask one of the ladies at the desk to have someone who has a key to our basement storage escort you down there to obtain t he samples..they are in the refrigerator there.

The Director spoke with me late yeasterday afternoon and asked for the analyses to be done as follows:

LIQUID SAMPLES, consisting of one VOA bottle and one mason jar. (ONE OF THE VOA BOTTLES IN THE REFRIG TO BE LEFT HERE)

Please run VOAs on both
Flashpoints on both
Solvent scans on both
Heavy metals on both
Conductivity

STEVE:
PLEASE HAVE LADIES XEROX THESE 3 SHEETS + KEEP COPIES FOR ME (MACHINE DOWN WHEN I TYPED THESE)

SOIL SAMPLES, consisting of two mason jars.

Please run VOAs on both
Solvent scans on both
Heavy metals on both
PLEASE USE ACID EXTRACTION METHOD ON SOIL SAMPLES

P.S. PLEASE VERIFY COLLECTOR'S SAMPLE # WITH LABELS ON BOTTLES THANKS, JOHN

MAY 2 1 1984

INVOICE

IT TRANSPORTATION CORPORATION
SAN JOSE DIVISION
3010 ZANKER ROAD
SAN JOSE, CALIFORNIA 95131

Remit To: File 6950, P.O. Box 60000
San Francisco, CA 94160

№ 386179

59100000

TO: TeeVan Painting
1840 Washington St.
Burlingame, CA 94109

P.U.C. REGULATIONS REQUIRE PAYMENT OF FREIGHT BILL WITHIN 7 DAYS

DATE	YOUR P.O. NUMBER	TERMS	PAGE
4/30/84	Don Harrington	NET 7 DAYS	____ OF ____

Service Order No. 37920/83079658 on 4/18/84

Transportation:	4.25/hrs. @ $55.00/hr.	$ 233.75
Purchased:	21 labels @ .35/ea.	7.35
Sales Tax:	6.5%	.48
Disposal:	21/drs. @ $65.00/dr.	1365.00
Federal Superfund II Tax:		19.11
Kings Co. Health Tax:		27.03
Calif. State Dept. of Health Fee:		30.85
	Total Due:	$1683.57

FORM NO. 35-102

VACUUM TRUCKS VACUUM ACID TRAILERS DRUM PICKUP SLUDGE BINS

TRANSPORTATION

IT TRANSPORTATION CORPORATION
San Jose Division
SITE: 3010 Zanker Road, San Jose, CA 95131
MAILING ADDRESS: P.O. Box 336, Milpitas, CA 95135
(408) 263-7250 (24 HOUR SERVICE)

SERVICE ORDER
NO. 17683

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 4-22-82

Company Name Tee Yang Order No.
Billing Address 1019 Rollins Rd City Burlingame
Tank No. Ship
Origin Burlingame Destination San Jose Commodity Haz-Waste
Services Performed P/U 9/55gal Drum Paint Waste Comb.
9- ring + Bolt for 17-H Drum +
Time In: 8:45 AM
Time Out: 10:15 AM Deliver 50 Waste to Lab

Truck No. 860 Start 7:00 AM Stop 11:30 AM Gross Time Hrs.
Trailer No. Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal Disposal Facility IT-SJ Net Time S.T. Hrs.
Total bbl Total Gallons O.T. Hrs.
Total Drums 9 Total Cu. Yd. Type Material Paint Waste D.T. Hrs.
Driver Mike C / Bridge Toll /
Helper / Subsistence / Mike Caruso Driver Signature
/ Washout /
Job #1 / / Customer Signature

Manifest No. 067132 This contract is subject to conditions as stated on reverse side.

SEE REVERSE SIDE FOR INSTRUCTIONS. PLEASE TYPE OR PRINT CLEARLY. PRESS HARD

CALIFORNIA HAZARDOUS WASTE MANIFEST

STATE DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT SECTION
744 P STREET, SACRAMENTO, CA 95814

17683

(1) MANIFEST NO. 088— 067132

GENERATOR (GENERATOR MUST COMPLETE)

(2) NAME TEEVAN PAINTING INC.
EPA NO. E A T 0 8 8 0 2 0 7 2 0
ADDRESS 1019 Rollins Rd. PHONE NO. 347-2131
CITY, STATE, ZIP Burlingame, CA. 94010

(3) DESIGNATED T.S.D. FACILITY AUTHORIZED TO OPERATE AS APPROVED STATE OR FEDERAL PROGRAM.
NAME IT CORPORTATION
EPA NO. C A D 0 0 0 6 3 3 1 1 5
ADDRESS 3010 Zanker Rd. PHONE NO. 408-263-7250
CITY, STATE, ZIP San Jose, CA. 95134

(4) ALTERNATE TSD FACILITY
NAME
EPA NO.
ADDRESS PHONE NO.
CITY, STATE, ZIP

(5) U.S. DOT PROPER SHIPPING NAME	U.S. DOT HAZARD CLASS	UN/NA I.D. NO.	WEIGHT OR VOLUME	UNITS
WASTE PAINT SLUDGE	COMBUSTIBAL	UN1263	XXXX	V
WASTE			400	GAL.

CONTAINER NO. DRUMS 9
TYPE [X] DRUMS ☐ BAGS ☐ CARTONS ☐ TANK TRUCK ☐ DUMP TRUCK ☐ OTHER

(6) WASTE CATEGORY 55
(7) EX. HAZ. WASTE PERMIT NO. N/A
(8) GENERATING PROCESS PAINTING

(9) LIST COMPONENTS

	Component	Conc. Range Upper	Conc. Range Lower	Unit
A.	ENAMEL	40	40	[X] % ☐ PPM
B.	STAIN	40	50	[X] % ☐ PPM
C.	WATER	80	0	[X] % ☐ PPM
D.				☐ % ☐ PPM
E.				☐ % ☐ PPM
F.				☐ % ☐ PPM
G.				☐ % ☐ PPM

NON HAZARDOUS MATERIAL ______ %

(10) WASTE PROPERTIES pH 6-7 ☐ TOXIC ☐ FLAMMABLE ☐ CORROSIVE/IRRITANT ☐ REACTIVE ☐ SENSITIZER ☐ CARCINOGEN/MUTAGEN
(11) PHYSICAL STATE: ☐ SOLID [X] LIQUID ☐ SLUDGE ☐ SLURRY ☐ GAS ☐ OTHER
(12) SPECIAL HANDLING INSTRUCTIONS: [X] GLOVES [X] GOGGLES ☐ RESPIRATOR [X] OTHER APRON

GENERATOR CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND EPA.

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802

(13) [signature] SIGNATURE OF AUTHORIZED AGENT AND TITLE 4/22/82 DATE SHIPPED

TRANSPORTER (HAULER MUST COMPLETE)

(14) NAME IT TRANSPORTATION CORPORATION EPA NO. C A D 0 0 0 6 3 3 1 1 5
(15) PICK UP DATE 4-22-82 TIME 10:15 [X] AM ☐ PM
ADDRESS 3010 ZANKER RD. CITY SAN JOSE STATE CA ZIP 95131
PHONE NO.: (408) 263-7250 TRUCK # 860
(16) Michael Caruso SIGNATURE OF AUTHORIZED AGENT AND TITLE 4-22-82 DATE SHIPPED

TSD FACILITY (FACILITY OPERATOR MUST COMPLETE)

(17) NAME I.T. Corp San Jose
(18) QUANTITY (IF MEASURED) 9X55
EPA NO. CAD000633115
(19) STATE FEE (IF ANY) PHONE NO. 408 263-7250
(20) INDICATE ANY SIGNIFICANT DISCREPANCIES BETWEEN MANIFEST AND SHIPMENT:
(22) IF WASTE IS HELD FOR DELIVERY ELSEWHERE SPECIFY THE DESIGNATED TSD FACILITY
NAME Chem Waste Mgmt. EPA NO. CAT000646117

(21) HANDLING OR DISPOSAL METHOD
☐ SURFACE IMPOUNDMENT ☐ LANDFILL
☐ INJECTION WELL ☐ LAND TREATMENT
☐ TREATMENT (SPECIFY)
☐ RECOVERY OR REUSE
[X] STORAGE/TRANSFER

(23) [signature] SIGNATURE OF AUTHORIZED AGENT AND TITLE 4-22-82 DATE ACCEPTED

EPA WASTE NUMBER D001

9

(ORIGINAL) TSDF KEEPS (SEND PHOTO COPY TO DOHS)

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

IT TRANSPORTATION CORPORATION
San Jose Division
SITE: 3010 Zanker Road, San Jose, CA 95131
MAILING ADDRESS: P.O. Box 336, Milpitas, CA 95135
(408) 263-7250 (24 HOUR SERVICE)

FEB 27 11 02 AM '85

SERVICE ORDER
NO. 18426

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 2-7-85
Company Name TEEMAN PAINTING Order No.
Billing Address 1014 BULLENS City BURLINGAME
Tank No. Ship
Origin BURLINGAME Destination ITS YARD Commodity LIME WASTE

Services Performed DELIVERED (12X55 17-H) (12X GASKETS) (24X BOLTS) (12X RINGS) (12 HRS WASH LABOR) (PICK UP 12X55 GAL DRUMS) (1 HR WAIT)
Time In: 1030 AM
Time Out: 1145 AM

Truck No. 860 Start 9:30 AM Stop 1245 PM Gross Time Hrs.
Trailer No. Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal 1 Disposal Facility ITS YARD Net Time S.T. Hrs.
Total bbl Total Gallons 660 O.T. Hrs.
Total Drums 12 Total Cu. Yd. Type Material D.T. Hrs.
Driver JOE / Bridge Toll 1 75 / JOE TORRES
Helper / Subsistence / Driver Signature
/ Washout / MIKE TATUM
Job #1 / / Customer Signature

Manifest No. 107445 This contract is subject to conditions as stated on reverse side.

SEE REVERSE SIDE FOR INSTRUCTIONS. PLEASE TYPE OR PRINT CLEARLY. PRESS HARD

CAD 088020720

CALIFORNIA HAZARDOUS WASTE MANIFEST

STATE DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT SECTION
744 P STREET, SACRAMENTO, CA 95814

① MANIFEST NO. 088—107445
18426

GENERATOR (GENERATOR MUST COMPLETE)

② NAME TEEVAN PAINTING
EPA NO. CAD 088020720 MT
ADDRESS 919 Rollins Rd PHONE NO. 347-2131
CITY, STATE, ZIP Burlingame CAL. 94010

③ DESIGNATED T.S.D. FACILITY AUTHORIZED TO OPERATE AS APPROVED STATE OR FEDERAL PROGRAM.
NAME IT TRANSPORTATION CORPORATION
EPA NO. CAD000633115
ADDRESS 3010 ZANKER Rd PHONE NO. 263-7250
CITY, STATE, ZIP SAN JOSE, CAL. 95131

④ ALTERNATE TSD FACILITY
NAME
EPA NO.
ADDRESS PHONE NO.
CITY, STATE, ZIP

⑤ U.S. DOT PROPER SHIPPING NAME	U.S. DOT HAZARD CLASS	UN/NA I.D. NO.	WEIGHT OR VOLUME	UNITS
WASTE PAINT WASTE	FLAMMABLE LIQUID	1263	660	GALLONS
WASTE				

CONTAINER NO. 12 X 55
TYPE ☑ DRUMS ☐ BAGS ☐ CARTONS ☐ TANK TRUCK ☐ DUMP TRUCK ☐ OTHER

⑥ WASTE CATEGORY 49 EPA WASTE NUMBER D001 ⑦ EX. HAZ. WASTE PERMIT NO. NA ⑧ GENERATING PROCESS PAINTING

⑨ LIST COMPONENTS

	Component	Conc. Range Upper	Lower	Unit		Component	Conc. Range Upper	Lower	Unit
A.	PAINT	50		☑ % ☐ PPM	E.				☐ % ☐ PPM
B.	PAINT THINNER	50		☑ % ☐ PPM	F.				☐ % ☐ PPM
C.				☐ % ☐ PPM	G.				☐ % ☐ PPM
D.				☐ % ☐ PPM		NON HAZARDOUS MATERIAL ____ %			

⑩ WASTE PROPERTIES pH 7 ☐ TOXIC ☑ FLAMMABLE ☐ CORROSIVE/IRRITANT ☐ REACTIVE ☐ SENSITIZER ☐ CARCINOGEN/MUTAGEN
⑪ PHYSICAL STATE: ☐ SOLID ☐ LIQUID ☑ SLUDGE ☐ SLURRY ☐ GAS ☐ OTHER
⑫ SPECIAL HANDLING INSTRUCTIONS: ☑ GLOVES ☑ GOGGLES ☐ RESPIRATOR ☐ OTHER

GENERATOR CERTIFICATION: THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION AND EPA

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802

⑬ Michael [signature] SIGNATURE OF AUTHORIZED AGENT AND TITLE 7/7/82 DATE SHIPPED

TRANSPORTER (HAULER MUST COMPLETE)

⑭ NAME IT TRANSPORTATION CORPORATION EPA NO. CAD000633115 ⑮ PICK UP DATE 7-7-82 TIME ☐ AM ☐ PM
ADDRESS 3010 ZANKER RD. CITY SAN JOSE STATE CA ZIP 95131
PHONE NO.: (408) 263-7250 TRUCK # 860
⑯ [signature] SIGNATURE OF AUTHORIZED AGENT AND TITLE DATE SHIPPED

TSD FACILITY (FACILITY OPERATOR MUST COMPLETE)

⑰ NAME I.T. Corp San Jose ⑱ QUANTITY (IF MEASURED) 12 X 55
EPA NO. CAD000633115 ⑲ STATE FEE (IF ANY) PHONE NO. 408 263-7250
⑳ INDICATE ANY SIGNIFICANT DISCREPANCIES BETWEEN MANIFEST AND SHIPMENT:
㉒ IF WASTE IS HELD FOR DELIVERY ELSEWHERE SPECIFY THE DESIGNATED TSD FACILITY
NAME Chem Waste Vineyard EPA NO. CAT000646117

㉑ HANDLING OR DISPOSAL METHOD
☐ SURFACE IMPOUNDMENT ☐ LANDFILL
☐ INJECTION WELL ☐ LAND TREATMENT
☐ TREATMENT (SPECIFY)
☐ RECOVERY OR REUSE
☒ STORAGE/TRANSFER

㉓ [signature] SIGNATURE OF AUTHORIZED AGENT AND TITLE 7-7-82 DATE ACCEPTED

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

TRANSPORTATION

IT TRANSPORTATION CORPORATION
San Jose Division
SITE: 3010 Zanker Road, San Jose, CA 95131
MAILING ADDRESS: P.O. Box 336, Milpitas, CA 95135
(408) 263-7250 (24 HOUR SERVICE)

SERVICE ORDER
NO. 19366

AK 1231 MAR 27 11 02 AM '85

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 12-8-82
Company Name Tee Van Painting Inc. Order No.
Billing Address 1014 Rollins Rd City Burlingame
Tank No. Ship
Origin Burlingame Destination San Jose Commodity Haz-Waste

Services Performed Pickup 11 Drum for Disposal

Time In: 1:00 PM
Time Out: 1:30 PM

Truck No. 860 Start 12:00 Noon M Stop 2:00 P M Gross Time Hrs.
Trailer No. Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal 1 Disposal Facility San Jose Net Time S.T. Hrs.
Total bbl Total Gallons 605 g O.T. Hrs.
Total Drums 11 Total Cu. Yd. Type Material Haz-Waste Assembly 1747 D.T. Hrs.
Driver Pat / Bridge Toll / Pat D.
Helper / Subsistence / Driver Signature
/ Washout / K. J. Martin
Job #1 / / Customer Signature

Manifest No. 8209049 This contract is subject to conditions as stated on reverse side.

State of California—Health and Welfare Agency

Department of Health Services

HAZARDOUS MATERIALS MANAGEMENT SECTION
744 P Street
Sacramento, CA 95814

UNIFORM HAZARDOUS WASTE MANIFEST

(Please print or type with ELITE type (12 characters per inch).

STATE ID NUMBER 8209049

TO BE FILLED IN BY THE GENERATOR

GENERATOR NAME AND MAILING ADDRESS
Teevan Painting, Inc.
1840 Washington Street
San Francisco, CA 94109
AREA CODE/PHONE NUMBER (415)-474-8826

MANIFEST DOCUMENT NUMBER
EPA ID NUMBER
CAT080020720 12345

TRANSPORTER NO. 1
IT. Corporation

VEH./CONTAINER NO. 0425

EPA ID NUMBER
CAD006331115

TRANSPORTER NO. 2/ALTERNATE TSD FACILITY

EPA ID NUMBER

TREATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY
IT. Corporation
3010 Zanker Rd., San Jose, CA 95134
AREA CODE/PHONE NUMBER (408)-263-7250

EPA ID NUMBER
CAD006331115

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT. NO.
Paint Sludge Combustible 0001	UN1263	[illegible]	G	11	DM	461

COMPONENTS	CONC. UPPER	RANGE LOWER	UNITS %	UNITS ppm
Alphatic Hydrocarbon's	5	5	%	
Paint Pigment	15	15	%	
Water	80	0	%	

SPECIAL HANDLING INSTRUCTIONS

Goggles, Gloves, Apron

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the EPA.

PRINTED OR TYPED FULL NAME AND SIGNATURE [illegible] MO. DAY YR.

☐ CHECK IF CONTINUATION SHEET IS USED. NUMBER OF CONTINUATION SHEETS _____

TO BE FILLED IN BY TRANSPORTER

TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE MATERIALS

[illegible] DATE REC'D & ACCEPTED 12860

PRINTED OR TYPED FULL NAME AND SIGNATURE MO. DAY YR.

TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE MATERIALS

DATE REC'D & ACCEPTED

PRINTED OR TYPED FULL NAME AND SIGNATURE MO. DAY YR.

TO BE FILLED IN BY TSDF

DISCREPANCY INDICATION SPACE

Facility owner or operator: Certification of receipt of hazardous material covered by this manifest except as noted in the discrepancy indication space above. Note: TSDF must complete waste number. See instructions.

DATE REC'D & ACCEPTED

I T SAN JOSE

KEITH A CASTLE

EPA ID NUMBER CAD006331115 MO. 12 DAY 08 YR. 86

PRINTED OR TYPED FULL NAME AND SIGNATURE

Original—White—Disposer send to DHS; Green—Hauler; Yellow—Disposer; Pink—Generator

DHS 8022 (7/82)

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

IT TRANSPORTATION

IT TRANSPORTATION CORPORATION
San Jose Division
SITE: 3010 Zanker Road, San Jose, CA 95131
(408) 263-7250 (24 HOUR SERVICE)

SERVICE ORDER
NO. 35514

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 4-4-84
Company Name TEGWAN COMPANY Order No.
Billing Address 1640 WASHINGTON ST. City SAN FRANCISCO, CA. 94109
Tank No. Ship
Origin BURLINGAME, CA. Destination Commodity HAZ. WASTE

Services Performed: ATTEMPTED TO PUMP OUT 23 DRUMS, UNABLE TO PUMP, DUE TO HEAVY SOLIDS.

Time In: 9:30 AM. Time In: Time In:
Time Out: 10:45 AM. Time Out: Time Out:

Truck No. 257 Start 8:15A M Stop 11:45A. M Gross Time Hrs.
Trailer No. Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal Disposal Facility Net Time S.T. Hrs.
Total bbl Total Gallons O.T. Hrs.
Total Drums Total Cu. Yd. Type Material D.T. Hrs.
Driver Greg / Bridge Toll / Greg Dawson
Helper / Subsistence / Driver Signature
/ Washout / Michael J. Southard
Job #1 / / Customer Signature

Manifest No. This contract is subject to conditions as stated on reverse side

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

IT TRANSPORTATION

IT TRANSPORTATION CORPORATION
ENVIRONMENTAL San Jose Division
SITE: 3019 Zanker Road, San Jose, CA 95131
MAILING ADDRESS: P.O. Box 336, Milpitas, CA 95135
(408) 263-7250 (24 HOUR SERVICE)
MAR 27 11 02 AM '85

SERVICE ORDER
NO. 27313

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 7-1-83
Company Name TEEVAN PAINTING CO. Order No.
Billing Address 1019 ROLLINS RD. City BURLINGAME, CA.
Tank No. Ship
Origin SAME Destination SAN JOSE, CA. Commodity HAZ. WASTE

Services Performed P/U 13 X 55 GAL. COMBUSTIBLE LIQUID.

Time In: 11:15 A.M. Time In: Time In:
Time Out: 12:00 P.M. Time Out: Time Out:

Truck No. 860 Start 10:30A M Stop 12:45 P M Gross Time Hrs.
Trailer No. Ø Meals M To M Less Hrs.
Bin No. Ø Other Time Out Less Hrs.
No. of Loads Disposal 1 Disposal Facility E.T. YARD Net Time S.T. Hrs.
Total bbl Ø Total Gallons Ø O.T. Hrs.
Total Drums Total Cu. Yd. Ø Type Material WASTE PAINT D.T. Hrs.
Driver Jim G. / Bridge Toll 9.75 / Jim Gragna
Helper Ø / Subsistence Ø / Driver Signature
/ Washout Ø /
Job # 1 Ø / Ø / Customer Signature

Manifest No. 93079669 This contract is subject to conditions as stated on reverse side

ate of California—Health and Wellare Agency

AZARDOUS WASTE MANAGEMENT BRANCH
14 P Street
icramento, CA 95814

UNIFORM HAZARDOUS WASTE MANIFEST

S.O.# 27313

STATE ID NUMBER 83079669

ease print or type with ELITE type (12 characters per inch).

TO BE FILLED IN BY GENERATOR

GENERATOR NAME AND MAILING ADDRESS
Teevan Painting, Inc.
1840 Washington Street
San Francisco, CA 94109
AREA CODE/PHONE NUMBER 415-474-8826

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER
C|A|T|0|8|0|0|2|0|7|2|0| |1|2|3|4|5

TRANSPORTER NO. 1
IT. Corporation
3010 Zanker Road
San Jose, CA 95134
408-263-7250

VEH./CONTAINER NO. 40922

EPA ID NUMBER
C|A|D|0|0|0|6|3|3|1|1|5

TRANSPORTER NO. 2/ALTERNATE TSD FACILITY

VEH./CONTAINER NO.

EPA ID NUMBER

TREATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY
IT. Corporation
3010 Zanker Road
San Jose, CA 95134
AREA CODE/PHONE NUMBER 408-263-7250

EPA ID NUMBER
C|A|D|0|0|0|6|3|3|1|1|5

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT NO.	DISP. METH
Waste Paint Sludge Combustable Dool	U|N|1|2|6|3	715	G	013	DM	461	14

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM
Alphatic Hydrocarbon's	5	5	%	
Paint Pigment	15	15	%	
Water	80	0	%	

SPECIAL HANDLING INSTRUCTIONS
Gloves, Goggles, Apron

This is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable requirements of the Department of Transportation and the EPA.

Printed or typed full name and signature JAMES MORTON

MO. 7 DAY 1 YR. 83

☐ Check if continuation sheet is used. Number of continuation sheets

TO BE FILLED IN BY TRANSPORTER

TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES 860

Printed or typed full name and signature JIM ZENGAS

DATE REC'D & ACCEPTED MO. 07 DAY 01 YR. 83

TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

Printed or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

TO BE FILLED IN BY TSDF

DISCREPANCY INDICATION SPACE

Facility owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted in the discrepancy indication space above. Note: TSDF must complete waste number. See instructions.

Printed or typed full name and signature KEITH A. CARTER

EPA ID NUMBER CAD000633115

DATE RECEIVED & ACCEPTED MO. 07 DAY 01 YR. 83

RM NO. DHS-8022A 11/82

TSDF SENDS THIS COPY TO DOHS WITHIN 15 DAYS (W2)

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

TRANSPORTATION

IT TRANSPORTATION CORPORATION
San Jose Division
SITE: 3010 Zanker Road, San Jose, CA 95131
(408) 263-7250 (24 HOUR SERVICE)

ENVIRONMENTAL HEALTH
MAR 27 11 02 AM '85

SERVICE ORDER NO. 037920

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Company Name TEE VAN PAINTING Date 4-18-84
Billing Address 1840 WASHINGTON ST City SAN FRANCISCO -94109
Tank No. Ship
Origin 1019 ROLLINS RD. BURLINGAME Destination K.C. Commodity HAZ-WASTE
Services Performed P/O 21 X 55 HAZ-LIQUID - FOR DISPOSAL
NO EH - ISSUED 21 HAZ LABELS.

Time In: 9:00 AM Time In: Time In:
Time Out: 10:30 AM Time Out: Time Out:

Truck No. 142 Start 730A M Stop 11:45A M Gross Time Hrs.
Trailer No. 1686 Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal 1 Disposal Facility C(A M) Net Time S.T. Hrs.
Total bbl Total Gallons O.T. Hrs.
Total Drums 21 Total Cu. Yd. Type Material PAINT WASTE D.T. Hrs.
Driver LEE B / Bridge Toll / Lee Brown
Helper / Subsistence / Driver Signature
/ Washout / X Roger L Hamel
Job # 1 / / Customer Signature

Manifest No. 830796588 This contract is subject to conditions as stated on reverse side

HAZARDOUS WASTE MANAGEMENT BRANCH
744 P Street
Sacramento, CA 95814

UNIFORM HAZARDOUS WASTE MANIFEST

37120

STATE ID NUMBER 83079658

Please print or type with ELITE type (12 characters per inch).

TO BE FILLED IN BY GENERATOR

GENERATOR NAME AND MAILING ADDRESS

AREA CODE/PHONE NUMBER

MANIFEST DOCUMENT NUMBER

EPA ID NUMBER

TRANSPORTER NO. 1

VEH./CONTAINER NO.

EPA ID NUMBER

TRANSPORTER NO. 2/ALTERNATE TSD FACILITY

VEH./CONTAINER NO.

EPA ID NUMBER

TREATMENT, STORAGE, OR DISPOSAL (TSD) FACILITY CHEMICAL WASTE MANAGEMENT

(209)-386-9711

AREA CODE/PHONE NUMBER

EPA ID NUMBER

PROPER U.S. D.O.T. SHIPPING NAME AND HAZARD CLASS	UN/NA NUMBER	TOTAL QUANTITY	UNIT WT/VOL	CONTAINER NO.	CONTAINER TYPE	WASTE CAT. NO.	DI ME

COMPONENTS	CONC. RANGE UPPER	CONC. RANGE LOWER	UNITS %	UNITS PPM

SPECIAL HANDLING INSTRUCTIONS

This is to certify that the above-named wastes are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable requirements of the Department of Transportation and the EPA.

Printed or typed full name and signature

MO. 4 DAY YR.

☐ Check if continuation sheet is used. Number of continuation sheets

TO BE FILLED IN BY TRANSPORTER

TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

Printed or typed full name and signature

DATE REC'D & ACCEPTED MO. 04 DAY 18 YR.

TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF ABOVE WASTES

Printed or typed full name and signature

DATE REC'D & ACCEPTED MO. DAY YR.

TO BE FILLED IN BY TSDF

DISCREPANCY INDICATION SPACE

Facility owner or operator: Certification of receipt of hazardous waste covered by this manifest except as noted in the discrepancy indication space above. Note: TSDF must complete waste number. See instructions.

Printed or typed full name and signature

EPA ID NUMBER

DATE RECEIVED & ACCEPTED MO. DAY YR.

FORM NO. DHS-8022A 11/82

HAULER RETAINS

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

IT TRANSPORTATION

IT TRANSPORTATION CORPORATION
ENVIRONMENTAL
San Jose Division
SITE: 3010 Zanker Road, San Jose, CA 95131
HEALTH
(408) 263-7250 (24-HOUR SERVICE)

SERVICE ORDER NO. 39594

Mar 27 11 02 AM '85

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 11-1-84

Company Name TEE VAN PAINTING CO. Order No.

Billing Address [redacted] 1890 WASHINGTON ST City [redacted] SAN FRANCISCO, CA

Tank No. [redacted] Ship

Origin [redacted] BURLINGAME, CA Destination SAN JOSE, CA Commodity HAZ. WASTE

Services Performed P/U 22 x 55 GAL. COMBUSTIBLE LIQUID, HAZ. MATERIAL. USED 22 HAZ. WASTE LABELS. USED 1 RECOVERY DRUM FOR A DRUM THAT WAS LEAKING.

Time In: 1:30 P.m.	Time In:	Time In:
Time Out: 2:45 P.m.	Time Out:	Time Out:

Truck No. 860 Start 1:00 P M Stop 3:30 P M Gross Time Hrs.
Trailer No. Meals M To M Less Hrs.
Bin No. Other Time Out Less Hrs.
No. of Loads Disposal 1 Disposal Facility ITYARD / CWM Net Time S.T. Hrs.
Total bbl Total Gallons O.T. Hrs.
Total Drums 22 Total Cu. Yd. Type Material PAINT WASTE D.T. Hrs.
Driver Jim G. / Bridge Toll /
Helper / Subsistence /
/ Washout /
Job # 1 / /

Jim Seagos
Driver Signature

J. Jackson
Customer Signature

Manifest No. 84120111 This contract is subject to conditions as stated on reverse side

*VACUUM TRUCKS *VACUUM ACID TRAILERS *DRUM PICKUP *SLUDGE BINS

IT TRANSPORTATION

IT TRANSPORTATION CORPORATION

San Jose Division

SITE: 3010 Zanker Road San Jose, CA 95131

(408) 263-7250 (24 HOUR SERVICE)

SERVICE ORDER NO. 39612

24 HOUR VACUUM TRUCK AND DISPOSAL SERVICE

Date 11-1-84

Company Name TEXACO CO. Order No.

Billing Address 1840 WASHINGTON ST. City SAN FRANCISCO, CA.

Tank No. Ship

Origin - Destination - Commodity HAZ WASTE

Services Performed Deliver ONE recovery drum to NEWARK SITE FOR DRUM PICK-up- leeker.

ASSIST JIM Z.

Time In: 500 pm Time In: Time In:

Time Out: 530 pm Time Out: Time Out:

Truck No. 858 Start 430 p M Stop 600 p M Gross Time Hrs.

Trailer No. - Meals M To M Less Hrs.

Bin No. - Other Time Out Less Hrs.

No. of Loads Disposal - Disposal Facility - Net Time S.T. Hrs.

Total bbl - Total Gallons - O.T. Hrs.

Total Drums - Total Cu. Yd. - Type Material HAZ WASTE D.T. Hrs.

Driver GRALSTON / Bridge Toll - /

Helper - / Subsistence - /

/ Washout - /

Job #1 - / / Customer Signature

Driver Signature

Manifest No. 84120111 This contract is subject to conditions as stated on reverse side

State of California—Health and Welfare Agency

Sott 39612
S.07 39594

Department of Health Services
Toxic Substances Control Division
Sacramento, California

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAT080020720. Manifest Document No.

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
TEEVAN CO. 1840. Washington Street.
San Francisco. CA. 94109.

4. Generator's Phone (415) 474-8826.

A. State Manifest Document Number 84120111

B. State Generator's ID

5. Transporter 1 Company Name: I.T. Corporation

6. US EPA ID Number: CAD000633115.

C. State Transporter's ID 50746

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
I.T. Corporation
3010 Zanker Road
SAN JOSE. CA. 95131

10. US EPA ID Number: CAD000633115.

G. State Facility's ID CAD000633115

H. Facility's Phone 408-263-7250

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Paint Sludge D53879 Combustable UN1263.	022	DM	1210	G	461.
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Aliphatic Hydrocarbons 5%
Paint Pigment 15%
Water 80%.

K. Handling Codes for Wastes Listed Above
D001 (14)

15. Special Handling Instructions and Additional Information
Gloves, Goggles, + Apron.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

Printed/Typed Name: JEFFERY J. JACKSON
Signature: J. J. Jackson
Date: Month 11 Day 1 Year 84

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JIM ZOAGAS
Signature: Jim Zoagas 960
Date: Month 11 Day 01 Year 84

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name
Signature
Date: Month . Day . Year .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: KEITH A. CARTER
Signature: Keith A. Carter
Date: Month 11 Day 01 Year 84

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
TO: P.O. Box 3000, Sacramento, CA 95812

KC

DHS 8022 A (7/84)
(EPA 8700-22)

84 82641

APPENDIX E

QUALIFICATIONS

Clinton Look – Project Manager, Due Diligence Services

B.A. – Environmental Studies and Economics, University of California at Santa Cruz

Mr. Look has approximately one year of experience in the environmental field. He provides project management to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Environmental Transaction Screens, Regulatory Database Reviews, and Historical Records Reviews.

Project experience for Mr. Look includes:

- Phase I Environmental Site Assessments
- Environmental Transaction Screens
- Regulatory Database Review
- Historical Records Review

In addition, prior to joining the environmental service industry, Mr. Look spent four years studying a diverse range of environmental disciplines including: ecology, physical and chemical environment, national environmental policy, and energy politics.

Steve G. Kovach –Due Diligence Manager, Northern California Region

B.A. - Botany, Miami University (Ohio)
Minor – Conservation and the Environment

Certified OSHA 40-Hour Hazardous Waste Operations and Emergency Response

Mr. Kovach has spent over eleven years working in a broad range of environmental and engineering disciplines including: engineering and environmental due diligence services, industrial air, water, and wastewater permit compliance and monitoring, hazardous waste management and disposal, electrical utilities projects, environmental engineering projects, and wetland ecology research. Mr. Kovach has worked closely with regulatory agencies including the US Environmental Protection Agency, Department of Toxic Substance Control, California Water Resources Control Board, California Integrated Waste Management Board, Bay Area Air Quality Management District, East Bay Municipal Utilities District, and the United States Department of Energy.

Currently, Mr. Kovach is the Due Diligence Department Manager, Northern California Region for AEI, specializing in environmental due diligence services. As a senior member of AEI, Mr. Kovach provides staff supervision and senior review expertise to ensure ASTM compliance and satisfaction of client requirements for environmental assessments. AEI's review process provides for customization of reports to client needs, as well as strict conformance to ASTM standards. Additionally, Mr. Kovach provides senior project management to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Transaction Screens, and other related environmental assessments performed throughout California, Arizona, Nevada, Oregon, and Washington.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
PEER REVIEW

Prepared By: ENGEO

Project No.
10391.000.000

July 22, 2013

Ms. Kelly Snider
SummerHill Apartment Communities
777 South California Avenue
Palo Alto, CA 94304

Subject: Rollins Road – Carolan Avenue Parcels
APNs 026-240--370, -360, and -340
Burlingame, California

ENVIRONMENTAL PEER REVIEW

Reference: AEI Consultants; Phase I Environmental Site Assessment, 1007 – 1025 Rollins Road, 1008 – 1025 Carolan Road, Burlingame, San Mateo County, California 94010, June 4, 2013.

Dear Ms. Snider:

This report presents the findings of ENGEO's review of the referenced report prepared for the subject site (Site), located in Burlingame, California. Our purpose was to evaluate potential environmental concerns and determine if these concerns could impact the proposed residential development.

PROPERTY DESCRIPTION

The Site is located at 1007-1025 Rollins Road and 1008-1020 Carolan Avenue in the City of Burlingame, San Mateo County, California. The 4.76 acre Site is identified as APN 026-240-370, -360, and -340. The parcels are bordered by Rollins Road to the northeast and Carolan Avenue to the southwest. The referenced AEI Consultants (AEI) report refers to these APNs as Parcel A, B, and C. This convention will also be used for this letter.

Parcel A is located on the south side of Rollins Road. Parcel A is improved with one slab-on-grade building totaling approximately 49,000 square feet. Parcel A is associated with the address 1025 Rollins Road and the Assessor Parcel Number (APN) 026-240-370. Parcel A is occupied by Hyundai of Burlingame, and the service departments for Chilton Autobody and Topline Automobile. On-site operations include office uses, auto sales, and auto repair and maintenance.

Parcel B is bordered by Rollins Road to the north and Carolan Avenue to the south. Parcel B is improved with three single-story, slab-on-grade buildings totaling approximately 26,000 square feet. Parcel B is associated with the addresses 1007-1009 Rollins Road and 1008 Carolan Avenue and the APN 026-240-360. Parcel B is occupied by Meineke Car Care Center at 1007 Rollins Road, Burlingame Auto Center at 1009 Rollins Road, and Enterprise Rent-A-Car and Anchor Auto

Body/Detailing at 1008 Carolan Avenue. On-site operations include office uses, auto sales, auto detailing, car and truck rentals, and auto repair and maintenance.

Parcel C is located on the north side of Carolan Avenue. Parcel C is improved with two buildings totaling approximately 11,300 square feet; one single-story slab-on-grade building and one single-story building with a sub-grade basement. Parcel C is associated with the address 1020 Carolan Avenue and the APN 026-240-340. Parcel C is occupied by Cammisa Car Company. On-site operations include auto sales, maintenance, and repair.

REFERENCED REPORT

AEI completed a phase I report in June 2013 for the Site. Their scope of work included the following:

- A review of federal, state, tribal and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance;

- A property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination;

- A review of historical sources to help ascertain previous land use at the site and in the surrounding area.;

During the AEI site reconnaissance, hazardous materials consisting of motor oil, antifreeze, automatic transmission fluid, absorbent, and used oil filters were observed in connection with the automotive service operations.

According to the AEI report, the existing building on Parcel A was constructed between 1956 and 1968. Prior to the construction of the building, the Site was used as a coal storage shed in 1949, a planing mill in 1946, and was vacant land in 1943. Parcel A was formerly developed with a commercial structure and with the current building from at least 1956 to 1986.

AEI indicated that the current building on the southern portion Parcel B at 1008 Carolan Avenue was constructed in 1946. Prior to the construction of the building, the southern portion of Parcel B was vacant land. AEI stated that the buildings on the northern portion of Parcel B at 1007 and 1009 Rollins Road were constructed in 1980. Prior to the construction of the buildings, the northern portion of Parcel B was occupied by California State Transportation Equipment from at least 1943-1979.

With regard to Parcel C, AEI stated the current building on the northern portion of Parcel C was constructed between 1949 and 1956, and the southern building was constructed between 1974 and 1982. Prior to the construction of the buildings, Parcel C was used for lumber storage or parking from 1946-1949, and was vacant land in 1943.

AEI indicated the following historical addresses were also associated with the Site: 907-935 Bayshore Boulevard, 907-935 Rollins Road, and 950-956 Carolan Avenue. These addresses were also researched as part of the AEI assessment.

The AEI assessment did not identify Recognized Environmental Concerns (RECs) associated with the Site or nearby properties; however, several: Historical Recognized Environmental Conditions (HRECs) were noted as follows:

- According to files obtained from the San Mateo County Environmental Health Division (SMCEHD), a 1,000-gallon gasoline UST, a 500-gallon paint thinner UST, and a paint disposal sump were removed from 1019 Rollins Road (Parcel A). Soil samples from the excavation were recovered and three groundwater monitoring wells were also installed. Analysis of the soil samples indicated that the soils were contaminated with tetrachloroethane (PCA), mineral spirits, mercury, and lead. An additional groundwater monitoring well was installed in 1994. The most recent groundwater data showed concentrations of 63 micrograms per liter (µg/l) of total petroleum hydrocarbons (TPH) and 0.91 µg/l of dichloroethene (DCE). Groundwater samples were non-detect for benzene, toluene, and ethylbenzene. The site was granted closure in 1995 and the four wells were filled with concrete.

- According to files obtained from the SMCEHD, Les Vogel Dodge formerly occupied the building at 1007 Rollins Road (Parcel B). In October 1997, motor oil was observed emanating from a crack in the asphalt driveway in the area above a motor oil conveyance pipe. The motor oil pipe was excavated and a soil sample was collected. The sample indicated a concentration of 2,100 milligrams per kilogram (mg/kg) of total recoverable petroleum hydrocarbons (TRPH). The site then underwent two phases of over-excavation and one soil sample and one groundwater sample were analyzed for TRPH, benzene, toluene, ethylbenzene, and xylenes. The site was granted closure in 2000; however, the case closure letter indicated that TRPH at concentrations of 800 mg/kg in the soil remain at the site.

- A previous Phase I report by AEI indicates that an 8,000-gallon gasoline UST and a 2,000 gallon waste oil UST were removed from 1025 Rollins Road (Parcel A). Soil and water samples were recovered during the UST removals. Low levels of TPH as gasoline (TPH-g), benzene, toluene, and ethylbenzene were detected in one sample. All other samples were non-detect for these contaminants including xylenes. The site was granted closure in 1994.

- A previous Phase I report indicates that two 1,000-gallon USTs containing waste oil and motor oil were removed from 1007 Rollins Road (Parcel B). Two soil samples were taken beneath each of the tanks. Total oil and grease (TOG) was detected in three of the four samples at concentrations ranging from 85-90 mg/kg, while TPH-g, benzene, toluene, ethylbenzene, and xylenes were not detected. The case was granted closure in August 1994.

- AEI also identified the following De Minimis Environmental Condition associated with the Site Site or nearby properties:

- Minor amounts of oily surface staining were observed throughout the interiors of the subject Site and around the hazardous materials storage. The staining was located on concrete, and no drains were observed in the vicinity. Based on the small size and surficial nature of the staining, AEI indicated this did not represent a significant environmental concern.

AEI also addressed *Business Environmental Risks* (BERs) which include risks which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of the Site, not necessarily limited to those environmental issues required to be investigated in the standard ASTM scope. BERs may affect the liabilities and financial obligations of the client, the health & safety of site occupants, and the value and marketability of the Site. The AEI assessment revealed the following BERs associated with the Site or nearby properties:

- According to a previous Phase I report, two 1,000-gallon underground storage tanks (USTs) were removed from 1008 Carolan Avenue in 1986 (Parcel B). However, no documentation from the local regulatory agencies was found, nor was there a listing for this event in the regulatory database. The approximate location of the USTs was indicated in a site plan from the previous Phase I report. According to previous assessments, the USTs were removed under the oversight of the San Mateo County Environmental Health Department (SMEHD); however, the files related to the UST removals could not be located by SMCEHD personnel. SMCEHD personnel did indicate that file related to the removal of the two USTs associated with 1008 Carolan Avenue had been closed out by the SMCEHD. Based on the lack of documentation regarding these USTs, AEI reported that they were unable to determine whether any residual contamination was left in place after the removal of the USTs. While the lack of files related to the removal of these two USTs represents a BER, based on the information obtained from SMCEHD personnel, and given that the other USTs removed from the Site during the same time period all received regulatory oversight including soil and groundwater characterization after UST removal, it appeared that no significant release was detected during removal of the USTs associated with 1008 Carolan Avenue based on the lack of a LUST case associated with these two USTs. Based on this information, the USTs associated with 1008 Carolan Avenue was not expected to represent a significant environmental concern.

- Seven belowground lifts were observed inside the auto servicing area of CalBay Collision. According to AEI, the belowground lifts were installed in 1980. Based on the installation date, it is unlikely that fluid within the lifts contained PCBs. AEI recommended that no further action in connection with the lifts appeared warranted at the time of their report; however, upon removal of the lifts, subsurface sampling should be considered.

- Due to the age of the Site buildings, there is a potential that asbestos- containing materials (ACMs) are present. According to AEI, all observed suspect ACMs were in good condition and were not expected to pose a health and safety concern to the occupants of the Site at the time of the report. In the event that building renovation or demolition activities were or will be planned, an asbestos survey adhering to Asbestos Hazard Emergency Response Act (AHERA) sampling protocol should be performed prior to demolition or renovation activities that may disturb suspect ACMs.

- Due to the age of the Site buildings, there is a potential that lead-based paint (LBP) is present. AEI stated that all observed painted surfaces were in good condition and were not expected to pose a health and safety concern to the occupants of the Site at the time of the report. Local regulations may apply to lead-based paint in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an XRF survey performed in order to determine if LBP is present.

- Two unlabeled 55-gallon drums were observed outside of the auto servicing area of Topline Automobile. No staining was observed around the drums and no drains were observed in the immediate vicinity of the drums. AEI recommended that, as a good management practice, if the drums were no longer in use, the drums and its contents should be removed from the Site.

ENGEO RECOMMENDATIONS

Based on our review of the referenced report, ENGEO provides the following recommendations regarding the Site:

- At least eight underground storage tanks containing, fuels, oil, and paint thinner are documented at the Site. While theses USTs have been closed by SMCEHD, the cases were closed under the existing commercial land use. Residual impacts may exist that could affect future redevelopment of the Site. SMCEHD should be contacted to determine if further evaluation is necessary for future residential development.

- Given the long industrial history of the Site, we recommend a limited phase II environmental assessment be conducted, including the recovery of groundwater samples and soil vapor samples.

- Given the age of the existing structures, it is conceivable the asbestos containing materials and lead-based paint may exist in the structures. A pre-demolition ACM and LBP survey should be conducted by a Certified California Asbestos Consultant.

- The regulatory agency file reviews performed by AEI indicate some residual soil and groundwater contamination remains on the Site. In addition, at least eight former USTs were removed from the Site. We recommend that an environmental professional view the Site during demolition activities to identify areas of possible residual soil contamination. These areas should be excavated and transported for proper landfill disposal. Confirmation samples should be recovered from the excavation areas to verify residual impacts are at concentrations below residential screening criteria.

LIMITATIONS

The recommendations and conclusions presented in this review were based strictly on our evaluation of the referenced report. This review is not intended to represent a complete environmental site assessment or site characterization. ENGEO assumes no liability for the validity of the materials relied upon in the preparation of this report.

ENGEO has prepared this report for the exclusive use of SummerHill Apartment Communities (Client). It is recognized and agreed that ENGEO has assumed responsibility only for undertaking the study for the client. The responsibility for disclosures or reports to third party and for remedial or mitigative action shall be solely that of the Client. ENGEO agrees not to provide a report to any third party not legally required, unless authorized by the Client.

We appreciate the opportunity to provide our consultation services for the subject Site. If you have any questions regarding the contents of this letter, please contact us.

Sincerely,

ENGEO Incorporated

Shawn Munger, CHG

Jeffrey A. Adams, PhD, PE