

ALAMEDA COUNTY
**HEALTH CARE SERVICES
AGENCY**
ALEX BRISCOE, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

November 15, 2011

Bill Borgh
ConocoPhillips
76 Broadway
Sacramento, CA, 95818

Paula Kamena
PLP Partners
11 Sagebrush Ct.
San Rafael, CA 94901

Subject: Subject: SLIC Case, RO0002988, Unocal #7004, 15599 Hesperian Blvd., San Leandro, CA 94578

Dear Mr. Borgh and Ms. Kamena:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual pollution remaining in soil beneath the site includes lead at concentration of 13 ppm. Hydraulic oil and PCBs were below the detection limit in the over excavation samples.
- Groundwater was not encountered during the hoist removal or analyzed from beneath the hoists.

If you have any questions, please call Barbara Jakub at (510) 639-1287. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures:

1. Remedial Action Completion Certificate
2. Case Closure Summary

Mr. Borgh and Ms. Kamena
November 15, 2011
Page 2

cc:

Leroy Griffin (w/enc via electronic mail:
lgriffin@oaklandnet.com)
Oakland, Fire Department

Barbara Jakub (w/ enc via e-mail), D. Drogos (w/ enc via e-mail), T. LeKhan (via e-mail and w/orig enc)
Geotracker

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Bill Borgh
ConocoPhillips
76 Broadway
Sacramento, CA, 95818

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11 Sagebrush Ct.
San Rafael, CA 94901

REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Subject: SLIC Case, RO0002988, Unocal #7004, 15599 Hesperian Blvd., San Leandro, CA 94578

Dear Mr. Borgh and Ms. Kamena:

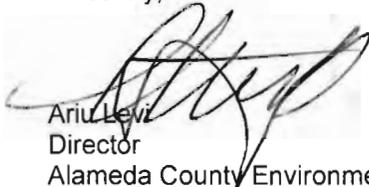
This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the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

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

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

Sincerely,



Ariu Levi
Director
Alameda County Environmental Health

CASE CLOSURE SUMMARY
SLIC - SPILLS, LEAKS, INVESTIGATION CLEANUP - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: 10/31/2011

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 639-1287
Responsible Staff Person: Barbara Jakub	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Unocal #7004		
Site Facility Address: 15599 Hesperian Boulevard, San Leandro, CA, 94578		
RB Case No.: ---	STID No.: ---	LOP Case No.: RO0002988
URF Filing Date: ---	Geotracker ID: T10000000427	APN: 413-0003-001-03
Responsible Parties	Addresses	Phone Numbers
Bill Borgh ConocoPhillips Company	76 Broadway Sacramento, CA	916-558-7604
Paula Kamena et al PLP Partners LP	11 Sagebrush Ct. San Rafael, CA 94901	415-460-6365

Tank I.D. No*	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10	Hydraulic Oil	Removed	8/21/2008
2	10	Hydraulic Oil	Removed	8/21/2008
3	10	Hydraulic Oil	Removed	8/21/2008
4	10	Hydraulic Oil	Removed	8/14/2008
R1	50	Hydraulic Oil	Removed	8/21/2008
R2	35	Hydraulic Oil	Removed	8/21/2008
Piping			Removed	8/21/2008

* Hoist with 1 tank servicing two hoists

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. Condition not reported. San Leandro Fire Department not onsite to oversee the hoist removal.		
Site characterization complete? yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? No	Number: 0	Proper screened interval? ---
Highest GW Depth Below Ground Surface: 10.01*	Lowest Depth: 16.71*	Flow Direction: Variable, primarily to the SW or ESE, occasionally to the NNE and NW*
Most Sensitive Current Use: Potential drinking water source.		

* Groundwater depths and flow direction from RO371- closed site at same address.

Summary of Production Wells in Vicinity:	
<p>The closest well is a domestic well (well B) located at a residence approximately 250 feet south-southwest of the site. The well, which was completed to a depth of approximately 410 feet, is described as abandoned on the database of water supply wells maintained by Alameda County Public Works Agency. The property on which abandoned well B is located is currently a commercial development. This abandoned well is south of the current plume extent and is not expected to be impacted by hydrocarbons associated with the site.</p> <p>The closest irrigation well that potentially may remain in existence is a 27-foot deep irrigation well located approximately 1,350 feet east of the site. Based on the distance of the well from the site and the fact that it is cross-gradient, the well unlikely to be a receptor for groundwater contamination from the site.</p> <p>A domestic/irrigation well approximately 70 feet deep is located at a residence approximately 1,800 feet southeast of the site. Two other domestic/irrigation wells are located approximately 1,500 and 1,750 feet southwest of the site. Based on the distance of these wells from the site, the wells are not expected to be receptors for the site.</p>	
Are drinking water wells affected? No	Aquifer Name: San Leandro area of the East Bay Plain
Is surface water affected? No	Nearest SW Name: San Lorenzo Creek is approximately 700 feet SW of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	4- 10 gallon hoists 1-50 gallon tank 1- 35 gallon tank	Recycled at Filter Recycling Services Rialto, CA	August 25, 2008
Piping	Unknown quantity	Recycled at Filter Recycling Services Rialto, CA	August 21, 2008
Free Product	None reported	---	---
Soil	160 yd ³	Norcal Waste Systems Vacaville, CA	August 25, 2008 to September 8, 2008
Groundwater	None reported	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
 (Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)*	
	Before	After	Before	After
TPH (Gas)	---	---	---	---
TPH (Diesel)	---	---	---	---
TPH (Motor Oil)	---	---	---	---
TPH (Hydraulic Oil)	20,000	ND<50	---	---
Oil and Grease	---	---	---	---
Benzene	---	---	---	---
Toluene	---	---	---	---
Ethylbenzene	---	---	---	---
Xylenes	---	---	---	---
Heavy Metals (Pb)	49^	49^	---	---
MTBE	---	---	---	---
PCBs (1016, 1248 and 1260 combined)	0.461	ND<0.050	---	---

^ 13 ppm Pb, <0.51 ppm Cd, 30 ppm Cr, 31 ppm Ni and 49 ppm Zn analyzed in composite samples.

* Groundwater not encountered. However, the previous case RO371 had wells and borings downgradient of the hoists. Maximum concentrations of 4,100 µg/L TPHg, 3.5 µg/L benzene, and 80 µg/L MTBE were detected in boring SB-17 and SB-20. No peaks in the range of hydraulic oil were noted in the laboratory reports from the monitoring wells or borings at the site.

Site History and Description of Corrective Actions:

The Site is currently a Wal-Mart and the location of the former ConocoPhillips service station #7004 (Kragen Auto Parts) (15599 Hesperian Boulevard) is now a parking lot for the Wal-Mart.

A fuel leak case (RO371) was closed (3/4/2008) for a former ConocoPhillips service station/Kragen Auto Parts store is also located at this site and is not part of this closure.

On August 14, 2008, during the demolition of the Kragen store, four in-ground hydraulic lifts were encountered. One of the hydraulic lifts was removed and the excavation backfilled with native soil (prior to notifying ConocoPhillips) by the Wal-Mart contractor who discovered them. The single extracted hoist was temporarily stored on-site pending removal activities of the other three hoists by Delta.

On August 21, 2008, MARCOR Environmental (MARCOR), under the direction of Delta field geologists, conducted the removal of three hydraulic hoists. One of the hoists was comprised of dual hydraulic cylinders approximately three feet apart; their locations are designated as H-3A and H-3B. 20,000 ppm TPHho, 0.170 ppm PCB-1016, 0.22 ppm PCB-1248, and 0.071 ppm PCB-1260 were detected in sample H-3B. The area was overexcavated to 12 feet and samples collected directly below the former hoist from 12 feet were below the detection limit for these constituents.

One lift cylinder was contained in a concrete-lined trench, or bunker, approximately two feet wide, eight feet deep, and six feet long (location designated as H-2), which appeared to be part of a width-variable hoist system comprised of H-1 and H-2. Hoist H-1 was a single cylinder east of H-2. No TPHho or PCBs were detected in soil samples collected from beneath these two hoists.

During hoist removal, two hydraulic fluid reservoirs were also extracted. These accompanying hydraulic fluid reservoirs were connected to the lift cylinders via steel piping; their purpose was to store and supply pressurized hydraulic fluid to the connected hoists for cylinder lift operation. One reservoir R-1 (approximately 50-gallon capacity) was adjacent to hoist H-2 within the concrete trench, and the other, R-2 (approximately 35-gallon capacity), was positioned between the two cylinders that comprised the dual-piston lift system. The hydraulic fluid was pumped out of these reservoirs into DOT-approved 55-gallon drums prior to their removal. No TPHho or PCBs were detected in soil samples collected from beneath the hoist reservoirs.

The Wal-Mart contractor that removed the initial hoist, was on site during Delta's removal activities and provided the approximate location from which the initial hoist was removed, but could not recall the precise location. As the precise location was not known, a trench was excavated—approximately ten feet long by three feet wide and eight feet deep, to intercept the location where the previously removed hoist was estimated to have been extracted (location designated HP). No TPHho or PCBs were detected from these soil samples.

No groundwater was encountered during the hoist removal so no groundwater samples were collected. However, the previous case RO371 had wells and borings downgradient of the hoists. Maximum concentrations of 4,100 µg/L TPHg, 3.5 µg/L benzene, and 80 µg/L MTBE were detected in boring SB-17 and SB-20. No peaks in the range of hydraulic oil were noted in the laboratory reports from the monitoring wells or borings at the site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
<p>Site Management Requirements:</p> <p>Case closure for this fuel leak site is granted for the current commercial land use only. If a change in land use to any residential or other conservative land use scenario occurs at this site, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans.</p> <p>Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.</p>		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: NA
Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <ul style="list-style-type: none"> No water samples were collected during the 2008 hoist removal. However, all soil with detectable concentrations was overexcavated and confirmation soil samples were subsequently below the detection limit. In addition, previous case RO371 had wells and borings downgradient of the hoists. Maximum concentrations of 4,100 µg/L TPHg, 3.5 µg/L benzene, and 80 µg/L MTBE were detected in boring SB-17 and SB-20. No peaks in the range of hydraulic oil were noted in the laboratory reports from the monitoring wells or borings at the site. <p>Conclusion:</p> <p>Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for this site.</p>

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barbara J. Jakub, P.G.	Title: Hazardous Materials Specialist
Signature: <i>Barbara J. Jakub</i>	Date: 10/31/11
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: <i>Donna L. Drogos</i>	Date: 11/10/11

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 11/10/11	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: ---	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: ----		
Additional requirements for submittal of groundwater data from retained wells: ----		
ACEH Concurrence - Signature: <i>Barbara J. Jakub</i>	Date: 10/31/11	

Attachments:

1. Site Vicinity Map (2 pp)
2. Site Plans (1 pp)
3. Soil Analytical Data (1 pp)
4. Groundwater Analytical Data (5 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

Jakub, Barbara, Env. Health

From: Cherie McCaulou [CMccaulou@waterboards.ca.gov]
Sent: Tuesday, November 15, 2011 9:07 AM
To: Jakub, Barbara, Env. Health
Subject: Re: RO2988, 15599 Hesperian Blvd., San Leandro

Hello Narbara -

The Regional Water Board has no objection to the ACEH's recommendation for case closure for the Unocal #7004 site located at 15599 Hesperian Bl. in San Leandro. Thank you for the notification. Have a good day.

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
cmccaulou@waterboards.ca.gov
510-622-2342

>>> "Jakub, Barbara, Env. Health" <barbara.jakub@acgov.org> 11/10/2011 3:14 PM >>>

Hi Cherie,

Attached is a closure summary for RO2988; Unocal #7004 located at 15599 Hesperian Blvd., San Leandro to comply with the RWQCB's 30-day review period. If no comments from the RWQCB are received within the 30-day review period, ACEH will proceed with case closure.

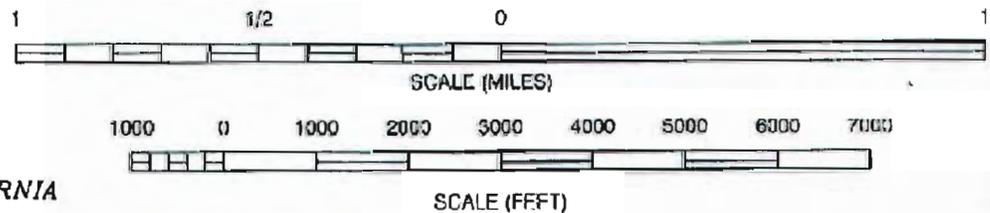
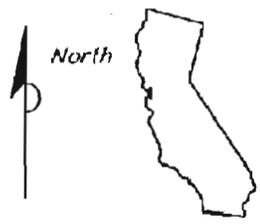
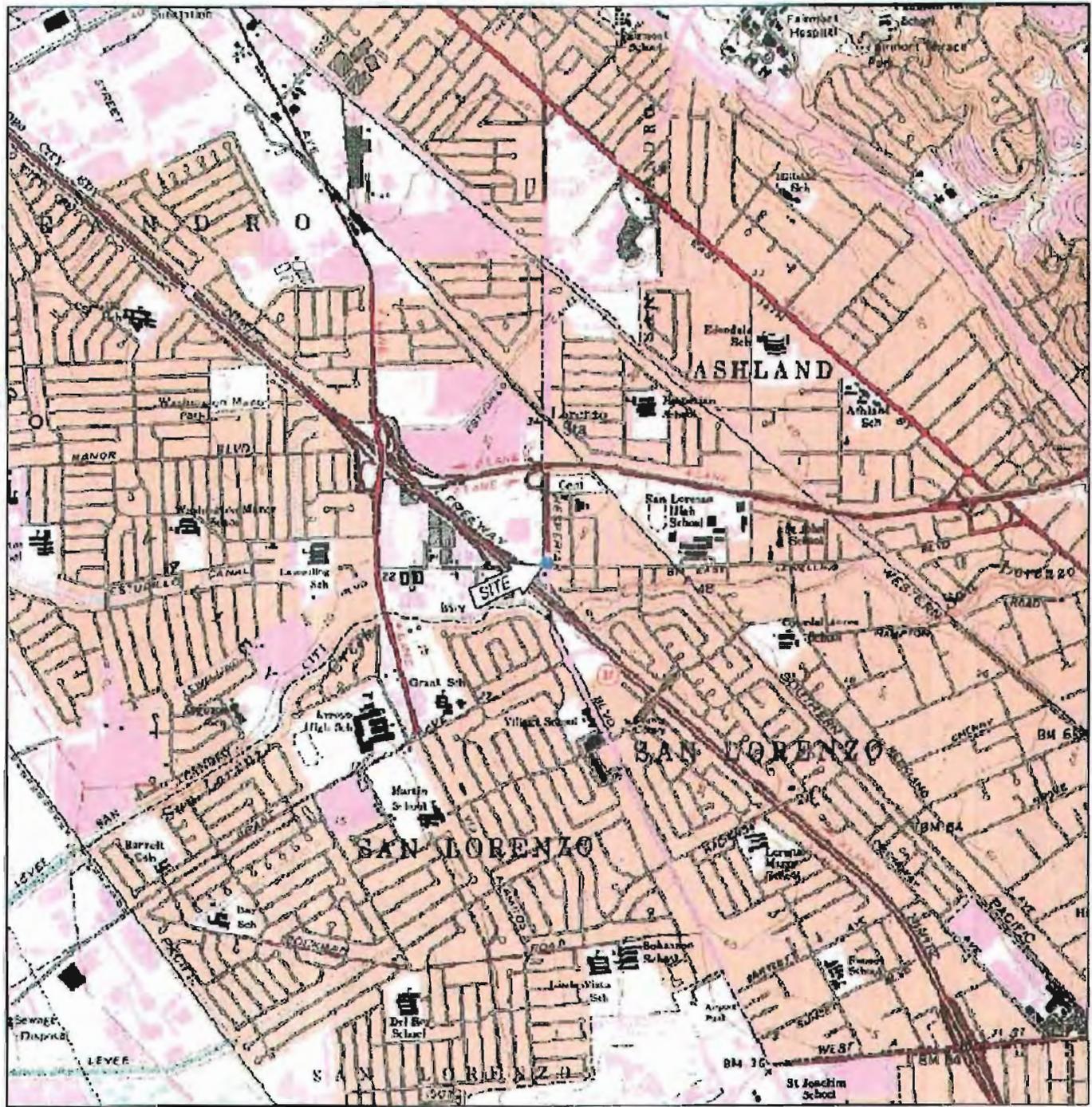
Please contact me if you have any comments or questions about the subject site.

Regards,

Barbara Jakub, P.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Pky.
Alameda, CA 94502
Direct: 510-639-1287
Fax: 510-337-9335

PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

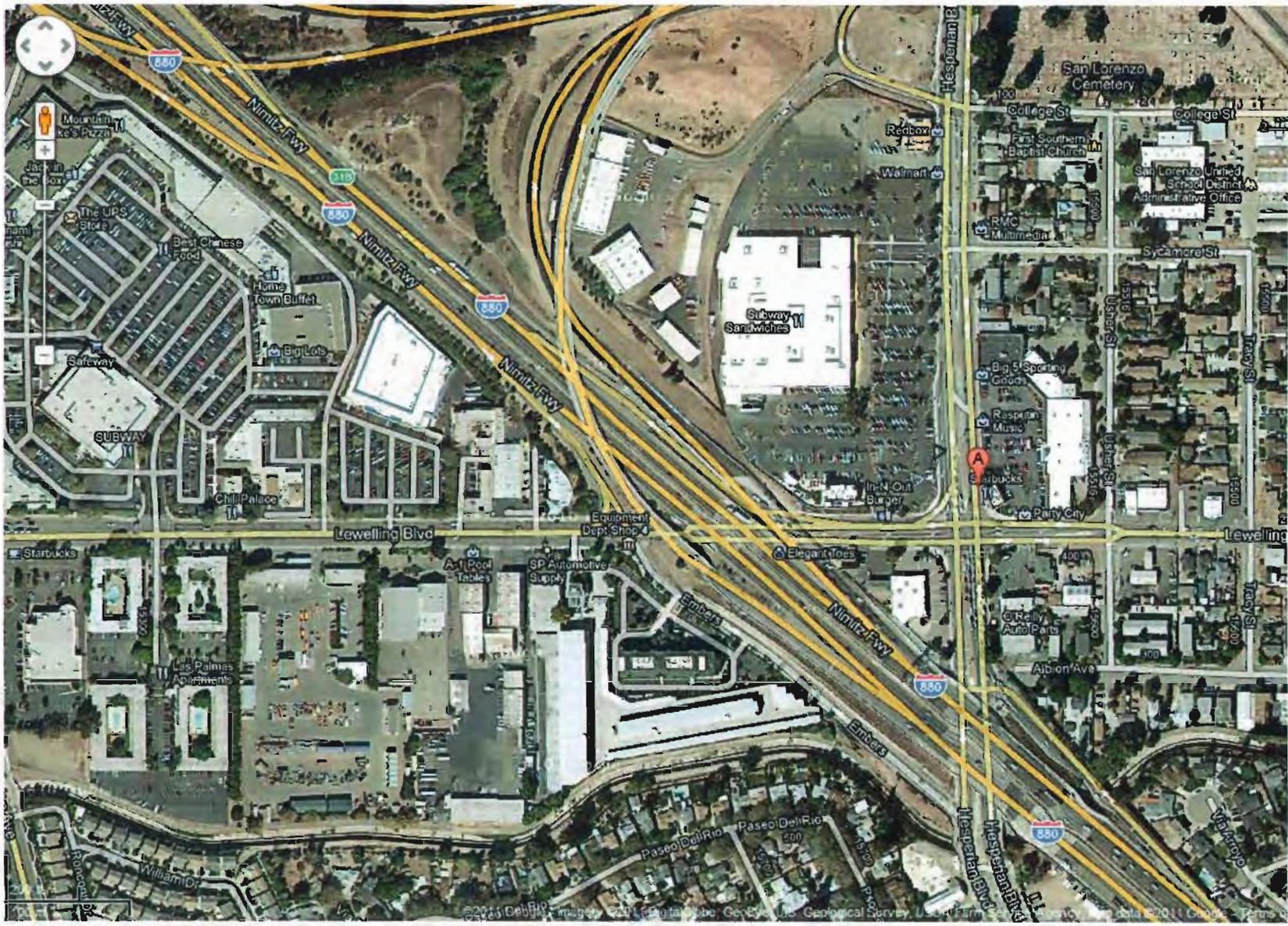


REFERENCE: USGS 7.5 MINUTE QUADHANGLE, SAN LEANDRO, CALIFORNIA

FIGURE 1 SITE LOCATION MAP	76 SERVICE STATION 7004 15599 HESPERIAN BOULEVARD SAN LEANDRO, CALIFORNIA	PROJECT NO.	PREPARED BY	DRAWN BY
		C107004	EC	JH
		DATE	REVIEWED BY	FILE NAME
		09/08/08	LH	7004-Sitel



ATTACHMENT 1



Aerial Map

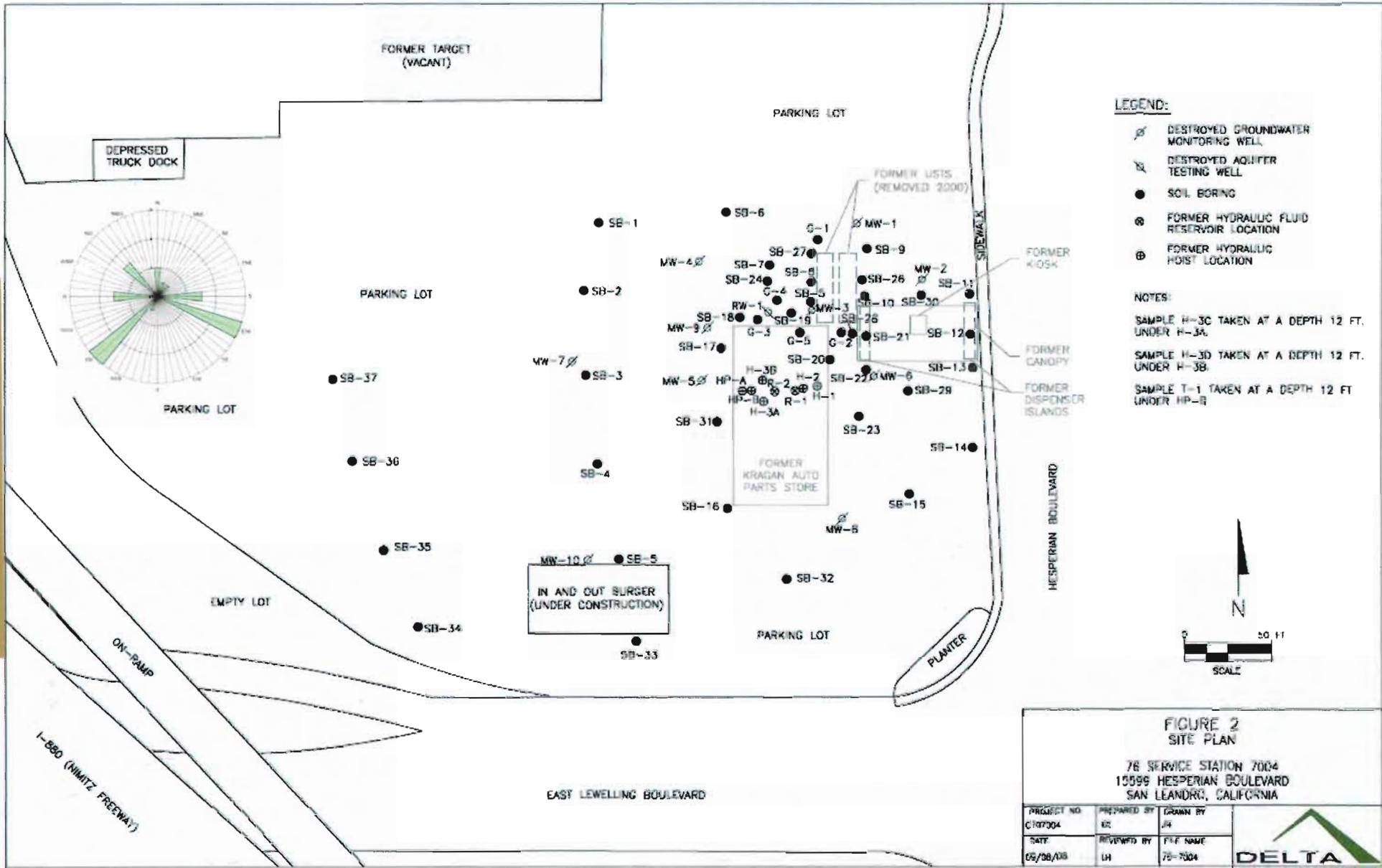


Table 1
Soil Analytical Data
ConocoPhillips Service Station #7004

Sample Name	Sample Depth (feet)	Sample Date	Hydraulic Oil	PCB-1016	PCB-1248	PCB-1260	TPH-GRO	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	Lead	Chromium	Nickel	Zinc
			mg/kg EPA 8015B	ug/kg EPA 8082	ug/kg EPA 8082	ug/kg EPA 8082	mg/kg EPA 8260B	mg/kg EPA 8010B	mg/kg EPA 6010B	mg/kg EPA 6010B						
H-1@8	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
H-2	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
H-3A	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
H-3B	8	08/21/08	20,000	170	220	71	NA									
HP-A	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
HP-B	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
R-1	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
R-2	8	08/21/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
COMP ABCD	-	08/21/08	1,300	ND> 50	ND> 50	ND> 50	0.93	ND> 0.0047	ND> 0.0047	ND> 0.0047	ND> 0.0084	NA	7.0	24	28	49
COMP 1234	-	08/21/08	92	ND> 50	ND> 50	ND> 50	ND> 0.23	ND> 0.0045	ND> 0.0045	ND> 0.0045	ND> 0.0090	NA	13	30	31	46
H-3C	12	08/25/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
H-3D	12	08/25/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
T-1	12	08/25/08	ND> 50	ND> 50	ND> 50	ND> 50	NA									
COMPSTOCK	-	08/25/08	390	ND> 50	ND> 50	ND> 50	ND> 0.24	ND> 0.0047	ND> 0.0047	ND> 0.0047	ND> 0.0084	NA	9.3	34	33	38
COMP WXYZ	-	08/08/08	NA	NA	NA	NA	ND> 0.25	ND> 0.0048	ND> 0.0048	ND> 0.0048	ND> 0.0088	ND> 0.0049	7.3	NA	NA	NA

Notes:
 mg/kg - milligrams per kilogram
 ug/kg - micrograms per kilogram
 ND - Not detected above laboratory detection limits
 NA - Not analyzed
 TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics
 MTBE - Methyl tert-butyl ether

PCB - Polychlorinated Biphenyls
 Silica gel cleanup used on hydraulic oil analysis

ATTACHMENT 3

ATTACHMENT 4

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 1991 Through April 2007
Former 76 Station 7004

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-5 continued														
09/29/05	36.81	13.96	0.00	22.85	-1.65	--	270	0.56	ND<0.50	ND<0.50	ND<1.0	--	55	
12/02/05	36.81	14.37	0.00	22.44	-0.41	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
03/21/06	36.81	12.20	0.00	24.61	2.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
05/25/06	36.81	12.07	0.00	24.74	0.13	--	1100	1.5	ND<0.50	3.5	ND<1.0	--	72	
08/25/06	36.81	13.20	0.00	23.61	-1.13	--	790	1.2	ND<0.50	5.0	ND<0.50	--	31	
10/24/06	36.81	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.7	Sampled by SECOR
01/18/07	36.81	13.64	0.00	23.17	--	--	230	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	11	
04/24/07	38.33	13.49	0.00	24.84	1.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.7	
MW-6 (Screen Interval in feet: 10.0-26.0)														
07/23/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
01/14/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/14/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
07/09/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
10/28/92	--	--	0.00	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
01/21/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/20/93	37.55	15.27	0.00	22.28	--	--	--	--	--	--	--	ND	--	
07/22/93	37.55	15.20	0.00	22.35	0.07	ND	--	ND	ND	ND	ND	ND	--	
10/06/93	37.13	15.75	0.00	21.38	-0.97	--	--	--	--	--	--	--	--	
01/11/94	37.13	16.02	0.00	21.11	-0.27	ND	--	ND	ND	ND	ND	--	--	
04/06/94	37.13	15.07	0.00	22.06	0.95	--	--	--	--	--	--	--	--	
07/08/94	37.13	15.55	0.00	21.58	-0.48	ND	--	ND	ND	ND	ND	--	--	
10/06/94	37.13	16.58	0.00	20.55	-1.03	--	--	--	--	--	--	--	--	
01/05/95	37.13	15.42	0.00	21.71	1.16	ND	--	ND	ND	ND	ND	--	--	

* Groundwater sample collected 4 months before hoist removal in down gradient direction

TABLE 2
Historical Groundwater Analytical Data

Former 76 Station #7004
15599 Hesperian Boulevard
San Leandro, California

Sample ID	Date Sampled	Sample Depth (feet)	TPPH ¹ (µg/L)	BTEX ²				MTBE ³ (µg/L)	TBA ⁴ (µg/L)	DIPE ⁴ (µg/L)	ETBE ⁴ (µg/L)	TAME ⁴ (µg/L)	1,2-DCA ⁴ (µg/L)	EDB ⁴ (µg/L)	Ethanol ⁴ (µg/L)	Lead ⁵ (mg/L)
				Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)									
Groundwater Monitoring Wells During Dual Phase Extraction																
MW-3	11/5/2001	Grab	6,000	57	50.00	920	65	130	--	--	--	--	--	--	--	--
	11/10/2001	Grab	4,700	26	<5.0	84	9.3	150	--	--	--	--	--	--	--	--
RW-1	11/5/2001	Grab	<500	<5.0	<5.0	<5.0	<5.0	860	--	--	--	--	--	--	--	--
	11/10/2001	Grab	2,800	13	<10	130	<10	800	--	--	--	--	--	--	--	--
UST Excavation Groundwater Sample																
W-1	10/24/1990	Grab	4,300	40	1.9	0.54	520	--	--	--	--	--	--	--	--	--
Soil Borings and Monitoring Wells																
G-1W	9/20/2002	Grab	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	--
G-2W	9/20/2002	Grab	<25,000	<250	<250	540	<250	<250	<2,500	<250	<250	<250	<250	<250	<25,000	--
G-3W	9/20/2002	Grab	<2,500	<25	<25	29	<25	240	300	<25	<25	<25	<25	<25	<2,500	--
G-4W	9/20/2002	Grab	96,000	<100	<100	1,500	<100	<100	<1,000	<100	<100	<100	<100	<100	<10,000	--
G-5W	9/20/2002	Grab	<50,000	<500	<500	4,300	<500	<500	<5,000	<500	<500	<500	<500	<500	<50,000	--
SB1	8/23/2005	19	<50	<0.50	0.62	<0.50	1.3	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.016
SB2	8/22/2005	22	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.11
SB3	8/22/2005	19	<50	<0.50	<0.50	<0.50	<1.0	39	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.0050
SB4	8/22/2005	25	53	<0.50	1.4	<0.50	9.4	180	6.2	<0.50	<0.50	<0.50	<0.50	<0.50	1,100	0.14
SB5	8/22/2005	25	<50	<0.50	<0.50	<0.50	<1.0	9.1	7.4	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.046
SB6	8/23/2005	19	<50	<0.50	<0.50	<0.50	<1.0	2.2	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.020
SB7	8/23/2005	22	<50	<0.50	<0.50	<0.50	<1.0	4.6	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.13
SB8	8/23/2005	22	340 a	<0.50	<0.50	<0.50	<1.0	2.8	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.033
SB9	8/23/2005	19	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.10
SB10	8/23/2005	28	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.0063
SB11	8/24/2005	19	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.083
SB12	8/24/2005	19	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.097
SB13	8/24/2005	19	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.079
SB14	8/24/2005	19	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.018
SB15	8/25/2005	19	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.0069
SB16	8/26/2005	b	22	<50	<0.50	<0.50	<0.50	<1.0	<0.50	0.58	<0.50	<0.50	<0.50	<0.50	<50	0.12
* SB17	8/25/2005	b	22	4,100	3.5	1.1	3.8	<1.0	80	71	<0.50	<0.50	<0.50	<0.50	<50	0.43
SB18	8/25/2005	22	<50	<0.50	<0.50	<0.50	<1.0	3.8	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	0.028
SB19	8/25/2005	c,d	22	2,400	<2.5	<2.5	49	<5.0	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<250	0.017

* Closest groundwater samples to hoists

Historical Groundwater Analytical Data

Former 76 Station #7004
15599 Hesperian Boulevard
San Leandro, California

Sample ID	Date Sampled	Sample Depth (feet)	TPPH ¹ (µg/L)	BTEX ²				MTBE ³ (µg/L)	TBA ⁴ (µg/L)	DIPE ⁴ (µg/L)	ETBE ⁴ (µg/L)	TAME ⁴ (µg/L)	1,2-DCA ⁴ (µg/L)	EDB ⁴ (µg/L)	Ethanol ⁴ (µg/L)	Lead ⁵ (mg/L)
				Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)									
* SB20	8/25/2005	22	450	2.4	<0.50	8.3	8.2	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<50	0.290	
SB21	8/26/2005 b,c	22	2,400	14	<2.5	340	<5.0	<2.5	<25	<2.5	<2.5	<2.5	<2.5	<250	0.170	
* SB23	8/26/2005	22	<50	<0.50	<0.50	<0.50	<1.0	10	<5.0	<0.50	<0.50	<0.50	<0.50	<50	0.230	
SB27	1/19/2006	Grab	310	0.97	<0.50	35	<1.0	<0.50	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB29	1/19/2006	Grab	<50	<0.50	<0.50	<0.50	<0.50	35	19	<1.0	<0.50	<0.50	<0.50	<100	--	
SB30	1/19/2006	Grab	610	<0.50	0.63	13	73	<0.50	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB33	1/18/2006	10-15	<50	<0.50	<0.50	<0.50	<1.0	0.72	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB33	1/18/2006	20-25	<50	<0.50	<0.50	<0.50	<1.0	0.59	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB34	1/18/2006	Grab	<50	<0.50	<0.50	<0.50	<1.0	57	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB35	1/18/2006	Grab	<50	<0.50	<0.50	<0.50	<1.0	19	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB36	1/19/2006	Grab	<50	<0.50	<0.50	<0.50	<1.0	16	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
SB37	1/19/2006	Grab	<50	<0.50	<0.50	<0.50	<1.0	23	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
MW-7	2/10/2006	Grab	140	0.71	1.0	3.1	1.9	38	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
MW-8	2/10/2006	Grab	89	0.68	0.63	<0.50	<1.0	0.89	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
MW-9	2/10/2006	Grab	120	0.84	1.1	3.0	1.5	13	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	
MW-10	2/10/2006	Grab	80	0.57	2.1	1.0	1.3	10	<5.0	<1.0	<0.50	<0.50	<0.50	<100	--	

Notes:

--	Not analyzed/applicable/measured	ETBE	Ethyl tertiary butyl ether	MTBE	Methyl tertiary butyl ether
µg/L	Micrograms per liter	GRO	Gasoline range organic	TAME	Tertiary amyl methyl ether
mg/L	Milligrams per liter	DIPE	Di-isopropyl ether	TBA	Tertiary butyl alcohol
1,2-DCA	1,2-dichloroethane	EPA	U.S. Environmental Protection Agency	TPPH	Total purgeable petroleum hydrocarbons
EDB	Ethylene dibromide				

- 1 Analyzed by EPA Methods 5030/8015 on 10/24/1990 ; by DHS LUFT as TPHg between 11/5/2001 and 11/10/2005; by EPA Method 8260B as GRO between 9/20/2002 and 1/19/06.
 - 2 Analyzed by EPA Method 8020 on 10/24/1990; by DHS Luft between 11/5/2001 and 11/10/2001; by EPA Method 8260B between 9/20/2002 and 1/19/06.
 - 3 Analyzed by ; by DHS Luft between 11/5/2001 and 11/10/2001; by EPA Method 8260B between 9/20/2002 and 1/19/2006.
 - 4 Analyzed by ; by EPA Method 8260B between 9/20/2002 and 1/19/2006.
 - 5 Analyzed by EPA Method 6010B between 8/22/2005 and 1/19/2006.
- a Quantity of unknown hydrocarbon(s) in sample based on gasoline.
b Extracted out of holding time.
c Reporting limits were raised due to high level of analyte present in the sample.
d Initial analysis within holding time but required dilution.

* closest groundwater samples to hoists