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

January 27, 2011

Bill Borgh
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Ali and Carol Shafiiadl
1935 Washington Avenue
San Leandro, CA 94577

Subject: Subject: Fuel Leak Case, RO0000443 Global ID # T0600101765, Unocal #5430, 1935 Washington Avenue, San Leandro, CA 94577

Dear Ladies and Gentlemen:

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 total petroleum hydrocarbons as diesel (TPHd), oil and grease and benzene at concentrations of 930 ppm, 1,600 ppm, and 10 ppm, respectively.
- Maximum concentrations of up to 2,400 ppb TPH as gasoline and 170 ppb TPHd remain in groundwater beneath the site.

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

Cc Cherie McCaulou SF- Regional Water Quality Control Board (w/enc) (via electronic mail: cmccaulou@waterboards.ca.gov)
Barbara Jakub (w/ enc via e-mail), D. Drogos (w/ enc via e-mail), T. LeKhan (w/orig enc)

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January 20, 2011

Bill Borgh
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Ali and Carol Shafiiadl
1935 Washington Avenue
San Leandro, CA 94577

REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Fuel Leak Case, RO0000443 Global ID # T0600101765, Unocal #5430, 1935 Washington Avenue, San Leandro, CA 94577

Dear Ladies and Gentlemen:

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
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: June 14, 2010

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 #5430		
Site Facility Address: 1935 Washington St., San Leandro, CA 94577		
RB Case No.: 01-1904	STID No.: 1747	LOP Case No.: RO 0000443
URF Filing Date: 6/23/1994	Geotracker ID: T0600101765	APN: 075-0073-001-03

Responsible Parties	Addresses	Phone Numbers
Conoco Phillips	76 Broadway, Sacramento, CA 95818	916-558-7666
Ali and Carol Shafiiadl	1935 Washington Ave., San Leandro, CA 94577-5826	---

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	275	Waste-oil	Removed	7/31/1998
2	10,000	Gasoline	Removed	December 1981
3	10,000	Gasoline	Removed	December 1981
Piping			Removed	7/31/1998

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Holes discovered in waste-oil tank upon removal. Gasoline USTs failed precision tightness test in 1981.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 19.2 ft bgs	Lowest Depth: 33.5 ft bgs	Flow Direction: South to southwest
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity:

No presently active wells appear to be located within 1,000 feet of the site. A well survey identified 3 private domestic wells and 9 irrigation wells within ½-mile radius of the site but greater than 2,000 feet away. Due to the distance from the site, these wells are not potential receptors for the site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: San Leandro Creek ½ mile NNW
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and San Leandro Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	1-275-gallon	Ecology Control Industries, Richmond, CA	7/31/1998
Piping	Not reported	Not reported	----
Free Product	None reported	----	----
Soil	30 yd^3 20yd^3	Forward Inc., Manteca, CA Safety Kleen, Aragonite, UT	8/98 9/98
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)	500	150	23,000	2,400
TPH (Diesel)	2,800	930	170	170
TPH (Motor Oil)	Not analyzed	Not analyzed	Not analyzed	Not analyzed
Oil and Grease	6,000	1,600	<1,000	<1,000
Benzene	1.7	1.7	1,000	1.4
Toluene	33	10	36	<0.5
Ethylbenzene	9.8	2.7	1,800	1.5
Xylenes	54	16	3,000	<1.0
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	87^	23^^	Not analyzed	Not analyzed
MTBE	20*	6.5**	95***	0.89****
Other (8010/8240/8270)	<0.5[+]	<0.5[+]	<0.5[++]	<0.5[++]

^ <0.5 ppm Cd; 32 ppm Cr; 87 ppm Pb: 41 ppm Ni; 69 ppm Zn

^ ^ <0.5 ppm Cd; 32 ppm Cr; 23 ppm Pb: 39 ppm Ni; 42 ppm Zn

* 20 ppm MTBE; <0.05 ppm EDB; and <0.05 ppm EDC, and TBA, TAME, ETBE; DIPE and EtOH all not analyzed

** 6.5 ppm MTBE; <0.5 ppm EDB; and <0.5 ppm EDC and TBA, TAME, ETBE; DIPE, and EtOH, all not analyzed

*** 95 ppb MTBE; <100 ppb TBA; <2.0 ppb TAME; <2.0 ppb ETBE; <2.0 ppb DIPE; <500 ppb EtOH; <2.0 ppb EDB; and 480 ppb EDC.

**** 0.89 ppb MTBE; <100 ppb TBA; <2.0 ppb TAME; <2.0 ppb ETBE; <2.0 ppb DIPE; <500 ppb EtOH; <2.0 ppb EDB; and <0.5 ppb EDC.

[+] Other 8010, 8240 and 8270 analyses all below detection limits.

[++] Other 8010 analyses all below detection limits. No groundwater samples analyzed for 8240 and 8270 analyses.

Site History and Description of Corrective Actions:

The site is currently an operating gasoline station and is in an area of mixed use, commercial and residential. A car wash is located immediately east/southeast of the site and residential properties are located to the south and southwest.

In October 1981, the original steel gasoline USTs failed a precision test and were subsequently replaced in December 1981.

Three monitoring wells were installed and five soil borings were advanced at the site on August 4 and 5, 1993. TPHg was detected in boring U-C at a maximum concentration of 200 ppm from a depth of 29.5 to 31 ft bgs. The maximum benzene concentration was detected in soil boring U-A at 0.80 ppm from 29.5 to 31ft bgs.

On February 21, 1995 four additional monitoring wells were installed on-site. The only TPHg and BTEX detections in soil were from the soil boring U-6 from 35 to 35.5 ft bgs at 100 ppm TPHg and 0.088 ppm benzene. TPHd was detected in 4 borings at a maximum concentration of 27 ppm from U-7 from 5 to 5.5 ft bgs.

On July 22, 1997 three direct push borings were advanced off-site and downgradient of U-6. No hydrocarbons or MTBE were detected in soil. No petroleum hydrocarbons or MTBE was detected in the groundwater sample obtained from B-1 at 57 ft bgs.

In July 1998, a 275-gallon waste-oil UST was removed and replaced with an aboveground tank. The dispensers and product piping were also replaced and sampling was performed. Sampling performed from beneath the waste-oil UST from 10 ft bgs contained maximum concentrations of 500 ppm TPHg, 2,800 ppm TPHd, 6,000 ppm oil and grease, 1.7 ppm benzene and 20 ppm MTBE.

In 2007 multiple attempts were made to find and uncover MW-5 including surveying the area and then digging out an area 2 feet by 3 feet wide and 2 feet deep. MW-5 was not located.

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.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use only. If site is redeveloped or 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. 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.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: ---
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 7
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- Tank and soil manifests not present in ACEH files. Assumed disposed as per text of reports.

Conclusion:

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 as a gasoline station based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless the site is redeveloped or 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.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barbara Jakub, P.G.	Title: Hazardous Materials Specialist
Signature: Barbara Jakub	Date: 6/4/10
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature:	Date: 06/17/10

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.

Jakub, Barbara, Env. Health

From: Cherie MCcaulou [CMccaulou@waterboards.ca.gov]
Sent: Tuesday, June 22, 2010 10:04 AM
To: Jakub, Barbara, Env. Health
Subject: Re: Closure Summaries for RO51 and RO443

Barbara - Thanks for the notification. We have no objection to ACEH's recommendation for case closure of Case #RO000051 Cal Trans Bay Bridge, and Case #RO000443 1935 Washington Street, San Leandro.

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> 6/17/2010 2:51 PM >>>
Cherie,
Attached are closure summaries for RO0000051: Caltrans Bay Bridge Toll Plaza located at the Bay Bridge Toll Plaza, Oakland and RO0000443: Unocal #5430 at 1935 Washington St., San Leandro to comply with the RWQCB's 30-day review period. If no comments are received within the 30-day period, ACEH will proceed with case closure. Please contact me should you have any comments or questions regarding the subject site.
Regards,

Barbara Jakub, P.G.
Alameda County Environmental Health
(510) 639-1287 (direct)
(510) 337-9335 (fax)
barbara.jakub@acgov.org

Online case files are available at the website below
http://www.acgov.org/aceh/lop/resources.htm

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 6/17/10	

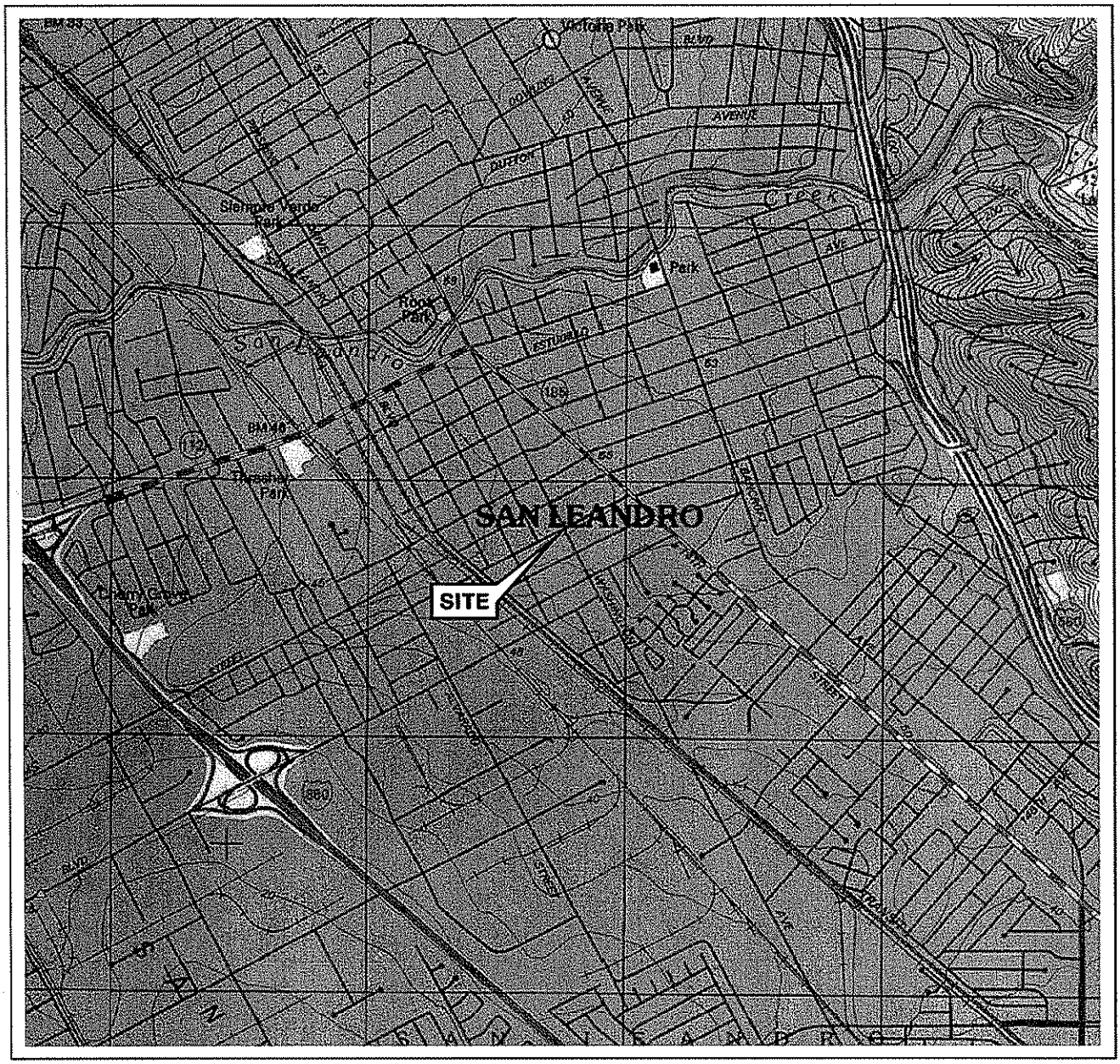
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 6/23/2010	Date of Well Decommissioning Report: 1/13/2011	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 7	Number Retained: 0
Reason Wells Retained: — — —		
Additional requirements for submittal of groundwater data from retained wells: — — —		
ACEH Concurrence - Signature: Barbara J Jakub		Date: 1/20/2011

Attachments:

1. Site Vicinity Map (A pp1)
2. Site Plans (B pp2- 8)
3. Soil Analytical Data (C pp9-14)
4. Groundwater Analytical Data (D pp15-42)
5. Boring Logs (E pp43-68)
6. Cross Sections (F pp67-68)

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.



0 1/4 1/2 3/4 1 MILE

SCALE 1: 24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
San Leandro Quadrangle

TRC

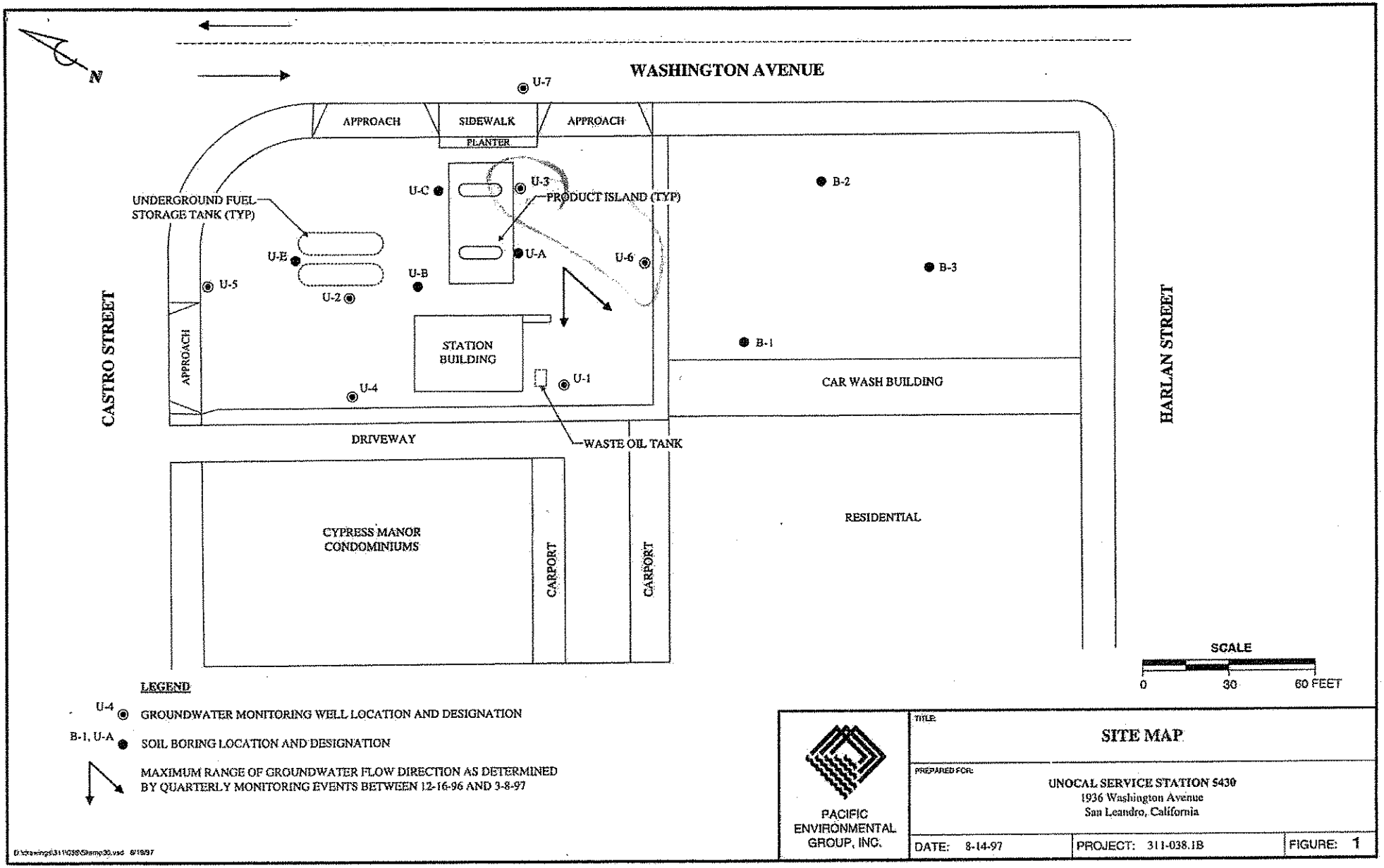
FACILITY:

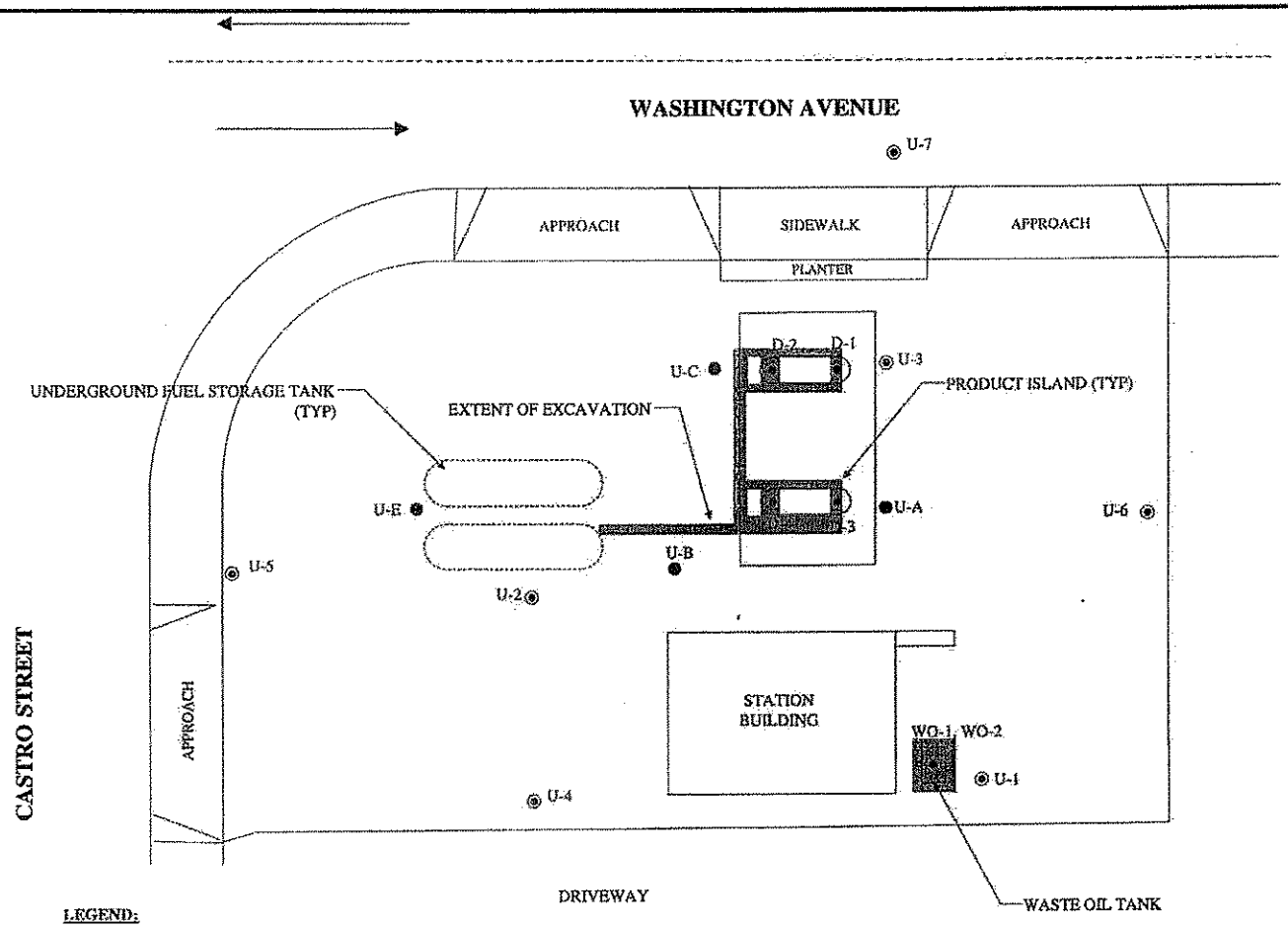
76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\DMS VICINITY MAP S\5430vm.dwg Aug 12, 2009 - 9:28am aakers


N
WASHINGTON AVENUE
U-7
APPROACH
SIDEWALK
APPROACH
PLANTER
U-C
U-3
PRODUCT ISLAND (TYP)
UNDERGROUND FUEL STORAGE TANK (TYP)
U-E
U-A
U-6
U-B
U-5
U-2
B-2
B-3
B-1
CASTRO STREET
APPROACH
STATION BUILDING
U-4
U-1
CAR WASH BUILDING
HARLAN STREET
DRIVEWAY
WASTE OIL TANK
CYPRESS MANOR CONDOMINIUMS
CARPORT
CARPORT
RESIDENTIAL
SCALE
0
30
60 FEET
LEGEND
U-4 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
B-1, U-A SOIL BORING LOCATION AND DESIGNATION
MAXIMUM RANGE OF GROUNDWATER FLOW DIRECTION AS DETERMINED BY QUARTERLY MONITORING EVENTS BETWEEN 12-16-96 AND 3-8-97
PACIFIC ENVIRONMENTAL GROUP, INC.
TITLE:
SITE MAP
PREPARED FOR:
UNOCAL SERVICE STATION 5430
1936 Washington Avenue
San Leandro, California
DATE: 8-14-97
PROJECT: 311-038.1B
FIGURE: 1



LEGEND:

U-4 ◉ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

U-A ● SOIL BORING LOCATION AND DESIGNATION

D-1, WO-1 • SOIL SAMPLE LOCATION AND DESIGNATION

SCALE

0 20 40 FEET

PACIFIC ENVIRONMENTAL GROUP, INC.

TITLE:

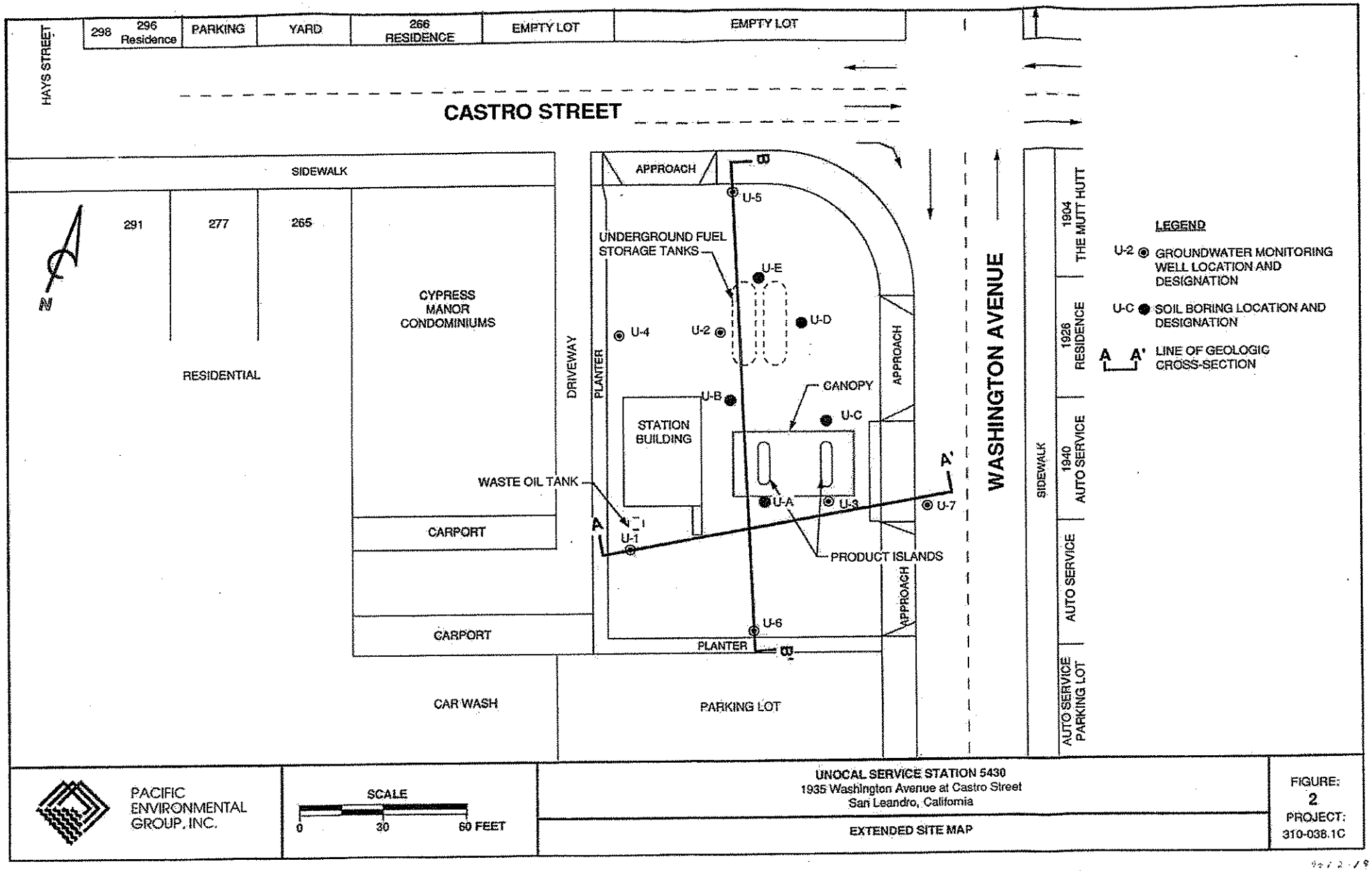
SITE MAP

PREPARED FOR:

76 SERVICE STATION 5430
1935 Washington Avenue at Castro Street
San Leandro, California

DATE: 8-14-97	PROJECT: 311-038.1C	FIGURE: 1

D:\Drawings\311\038\Samp38.vsd 9/2/98



PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 30 60 FEET

UNOCAL SERVICE STATION 5430
1935 Washington Avenue at Castro Street
San Leandro, California

EXTENDED SITE MAP

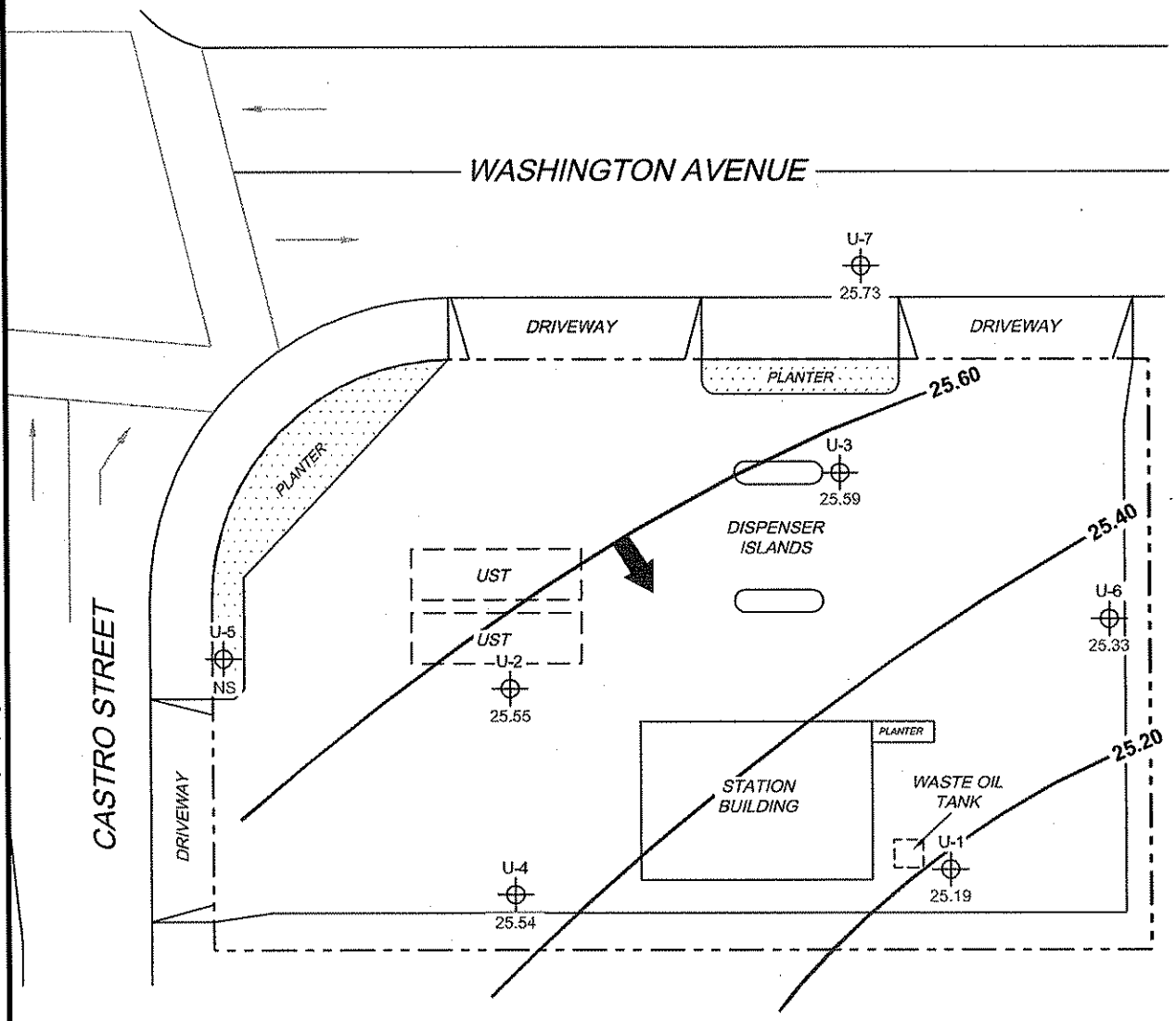
FIGURE: 2
PROJECT: 310-038.1C

LEGEND

U-7 ⊕ Monitoring Well with Groundwater Elevation (feet)

25.60 — Groundwater Elevation Contour

General Direction of Groundwater Flow



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NS = not surveyed. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:

76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
September 4, 2009

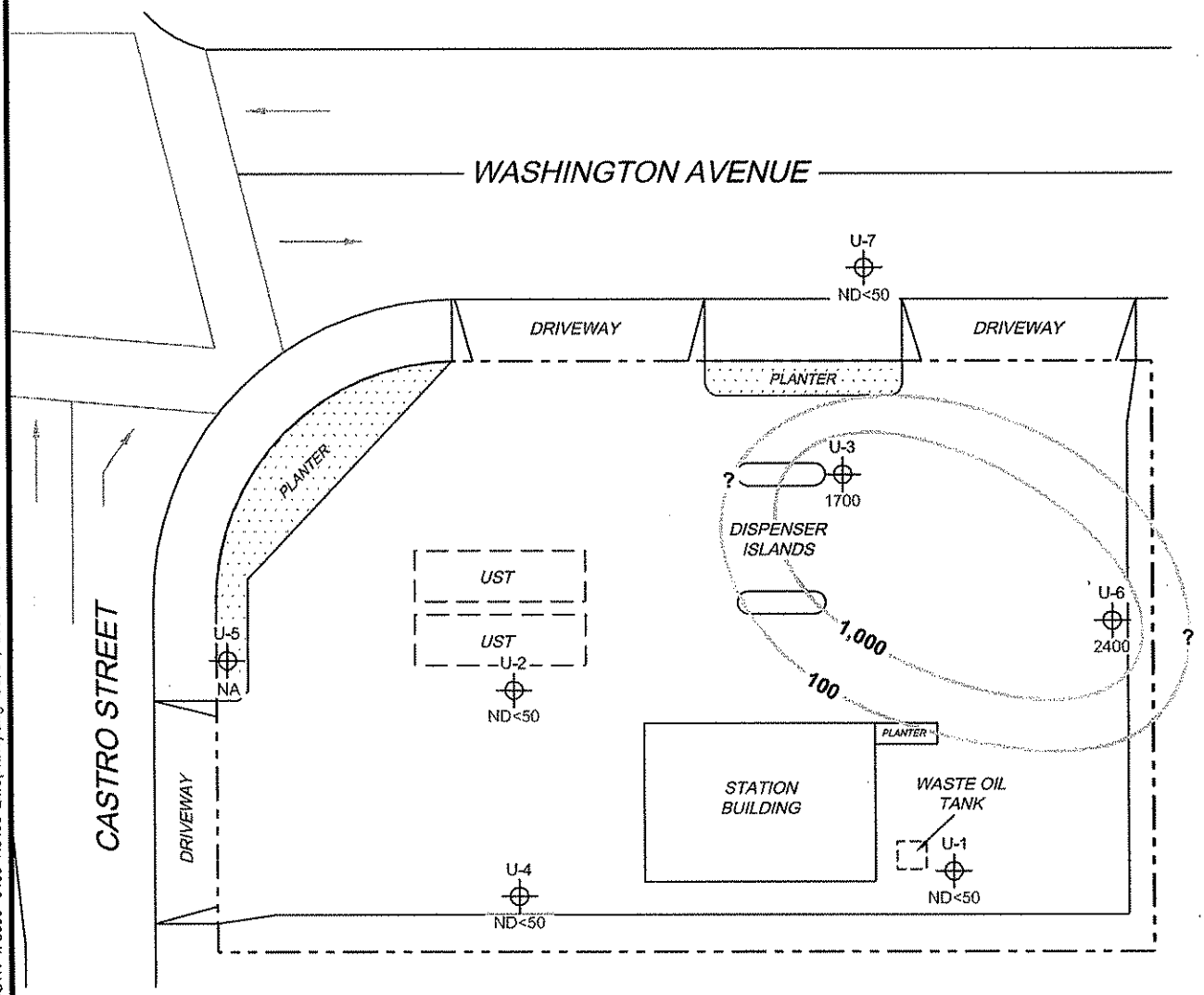
FIGURE 2

MS=1:1 5430-003 L: Graphics\QMS NORTH-SOUTH\ !x-5000 !5430+!.5430-QMS(NEW).dwg Oct 01, 2009 - 7:27am aakers

LEGEND

U-7 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

1,000 Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:
76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
September 4, 2009

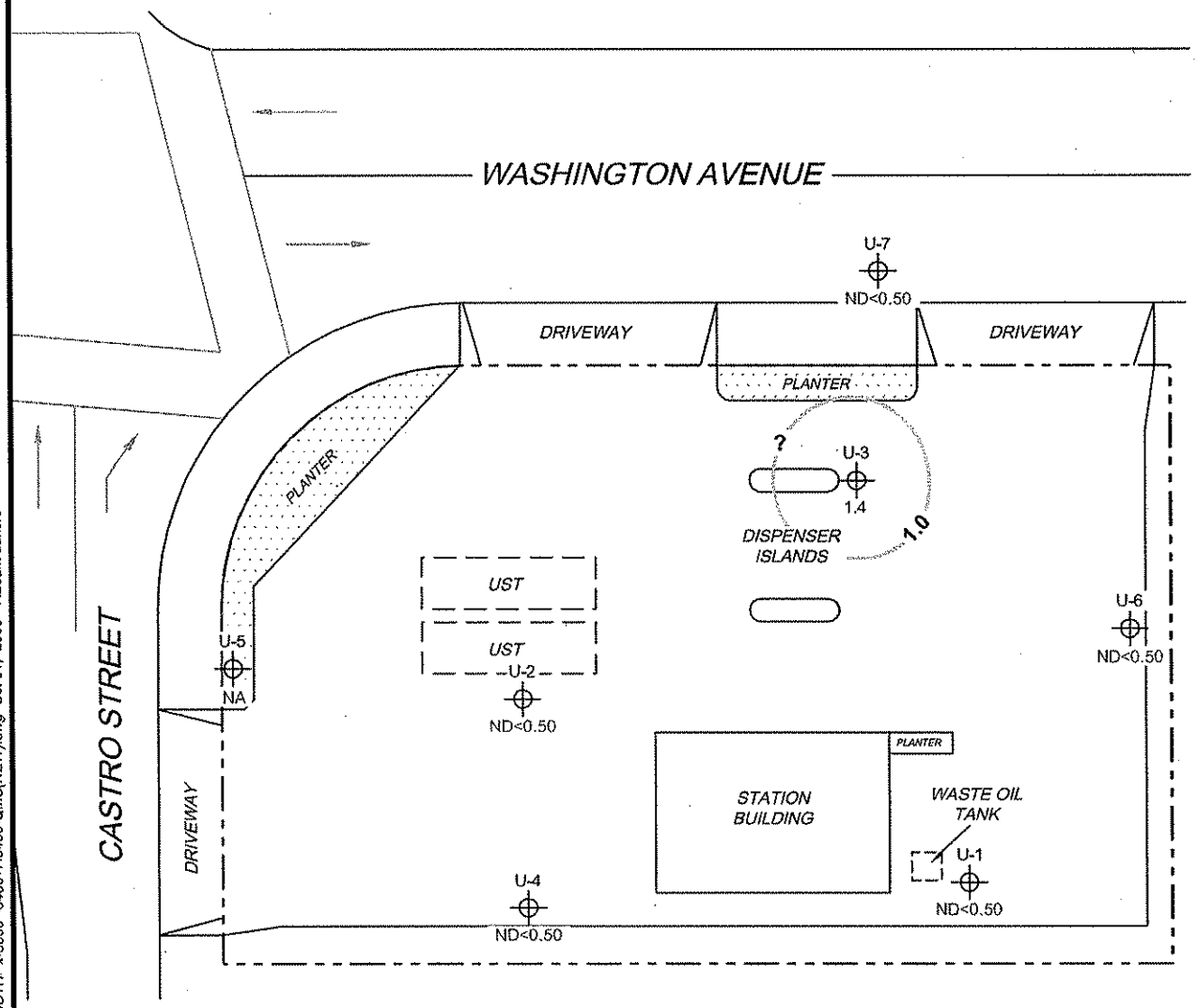
FIGURE 3

MS=1:1 5430-003 L: Graphics\ IQMS NORTH-SOUTH\ 'x-5000 '5430+\ 5430-QMS(NEW).dwg Oct 01, 2009 - 7:27am aakers

LEGEND

U-7 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

1.0 Dissolved-Phase Benzene Contour (µg/l)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
NA = not analyzed, measured, or collected. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:
76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

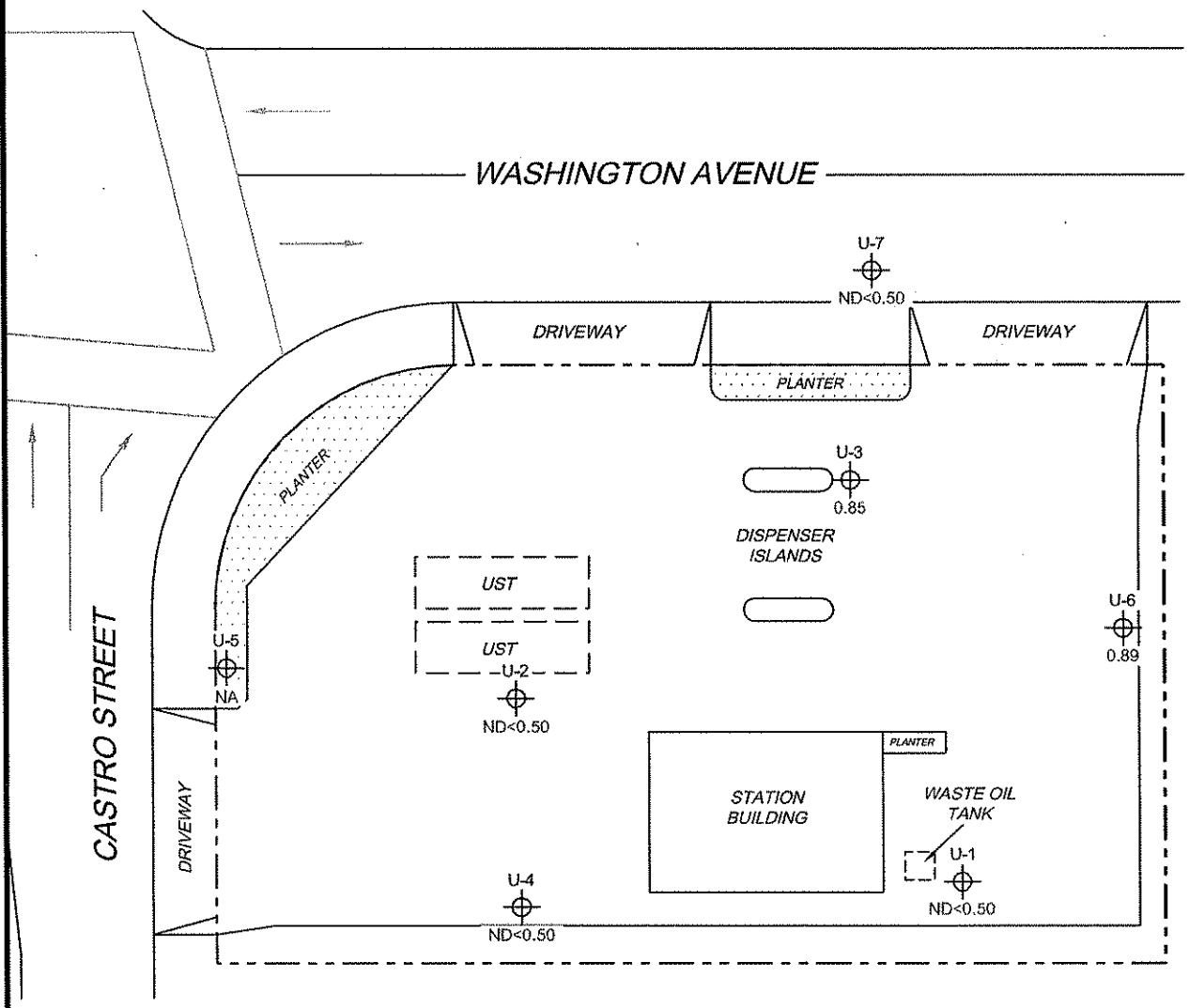
DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 4, 2009

FIGURE 4

MS=1:1 5430-003 L: Graphics\ iQMS NORTH-SOUTH\ !x-5000 !5430+\.5430-QMS(NEW).dwg Oct 01, 2009 - 7:28am aakers

LEGEND

U-7 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:
76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 4, 2009

FIGURE 5

MS=1:1 5430-003 L: Graphics\ iQMS NORTH-SOUTH\ x-5000 \5430+\5430-QMS(NEW).dwg Oct 01, 2009 - 7:28am aakers

Table 1
Soil Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

Unocal Service Station 5430
1935 Washington Avenue at Castro Street
San Leandro, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	TPH as Diesel (ppm)
U-1	9.5-11	08/04/93	<1.0	<0.005	0.079	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.20	<0.005	<0.005	<0.005
	29.5 - 31		<1.0	<0.005	0.029	<0.005	<0.005	<0.005
U-2	9.5 - 11	08/05/93	<1.0	<0.005	0.041	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.1	<0.005	<0.005	<0.005
	29.5 - 31		<1.0	<0.005	<0.005	<0.005	<0.005	<0.005
U-3	9.5 - 11	08/05/93	<1.0	<0.005	0.040	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.059	<0.005	<0.005	<0.005
	29.5 - 31		<1.0	0.006	0.007	0.034	<0.005	<0.005
U-4	5 - 5.5	02/21/95	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	15 - 15.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	25 - 25.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	30 - 30.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	35 - 35.5		<1.0	<0.005	<0.005	<0.005	<0.005	1.2
U-5	5 - 5.5	02/21/95	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	15 - 15.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	25 - 25.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	30 - 30.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	35 - 35.5		<1.0	<0.005	<0.005	<0.005	<0.005	2.0
U-6	5 - 5.5	02/21/95	<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	15 - 15.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	20 - 20.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	25 - 25.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	30 - 30.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	35 - 35.5		100	0.085	0.36	1.7	2.4	2.0
U-7	5 - 5.5	02/21/95	<1.0	<0.005	<0.005	<0.005	<0.005	27
	15 - 15.5		<1.0	<0.005	<0.005	<0.005	0.009	<1.0
	20 - 20.5		<1.0	<0.005	<0.005	<0.005	0.009	<1.0
	25 - 25.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	30 - 30.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
	35 - 35.5		<1.0	<0.005	<0.005	<0.005	<0.005	<1.0
U-A	9.5 - 11	08/04/93	<1.0	<0.005	0.008	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.025	<0.005	<0.005	<0.005
	29.5 - 31		53	0.80	0.62	1.5	5.3	5.3
U-B	9.5 - 11	08/04/93	<1.0	<0.005	0.09	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.16	<0.005	<0.005	<0.005
	29.5 - 31		<1.0	<0.005	0.14	<0.005	<0.005	<0.005
U-C	9.5 - 11	08/04/93	<1.0	<0.005	0.03	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.082	<0.005	<0.005	<0.005
	29.5 - 31		200	0.78	13	4.2	20	20

Table 1 (continued)
Soil Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

Unocal Service Station 5430
1935 Washington Avenue at Castro Street
San Leandro, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	TPH as Diesel (ppm)
U-D	9.5 - 11	08/04/93	<1.0	<0.005	0.049	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.13	<0.005	<0.005	<0.005
	29.5 - 31		<1.0	<0.005	0.01	<0.005	<0.005	<0.005
U-E	9.5 - 11	08/04/93	<1.0	<0.005	0.077	<0.005	<0.005	<0.005
	19.5 - 21		<1.0	<0.005	0.18	<0.005	<0.005	<0.005
	29.5 - 31		<1.0	<0.005	0.028	<0.005	<0.005	<0.005

ppm = Parts per million

Table 3
Soil Analytical Data
Metals

Unocal Service Station 5430
1935 Washington Avenue at Castro Street
San Leandro, California

Boring Number	Sample Depth (feet)	Date Sampled	TPH as Diesel (ppm)	TOG (ppm)	VOC (ppb)	SVOC (ppb)	Chromium (ppm)	Nickel (ppm)	Lead (ppm)	Zinc (ppm)	STLC Lead (ppm)
B-1	9.5 – 11	08/04/93	<1.0	<50	ND	ND	41	47	6.4	42	0.11

TOG = Total Oil and Grease – Standard Method 5520 B&F (gravimetric)
VOC = Volatile Organic Compounds – EPA Method 8240
SVOC = Semivolatile Organic Compounds – EPA Method 8270
STLC = Soluble Toxicity Limit Concentration
ppm = Parts per million
ppb = Parts per billion
ND = Not detected

Table 1
Soil Analytical Data
Total Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MtBE)

Unocal Service Station 5430
1935 Washington Avenue
San Leandro, California

Sample ID	Sample Depth (feet)	Date Sampled	TPPH as Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MtBE (mg/kg)
B-1	10-10.5	07/22/97	ND	ND	ND	ND	ND	ND
	30-30.5		ND	ND	ND	ND	ND	ND
B-2	10-12.0	07/22/97	ND	ND	ND	ND	ND	ND
	30-32.0		ND	ND	ND	ND	ND	ND
B-3	10-12.0	07/22/97	ND	ND	ND	ND	ND	ND
	30-32.0		ND	ND	ND	ND	ND	ND

TPPH = Total purgeable petroleum hydrocarbons
MtBE = Methyl tert-butyl ether
mg/kg = Milligrams per kilogram
ND = Not detected

Table 3
Physical Properties of Soil

Unocal Service Station 5430
1935 Washington Avenue
San Leandro, California

Sample ID	Sample Depth (feet)	Date Sampled	Moisture (% wt)	pH	Bulk Density (g/cc)	Effective Porosity (% Vb)	Effective Permeability (millidarcy)	USCS Soil Classification	Total Organic Content (mg/kg)
B-1	5	07/22/97	11.7	6.11	1.50	43.3	3.06	ML	1,400
	15		5.8	7.06	1.45	43.6	704	SP	1,150
	20		17.4	6.82	1.78	32.2	0.813	ML	450
	26		17.6	6.84	1.80	31.6	0.432	ML	160

g/cc = Grams per cubic centimeters
Vb = Bulk volume, cc
mg/kg = Milligrams per kilogram

Table 1
Soil Analytical Data

76 Service Station 5430
1935 Washington Avenue at Castro Street
San Leandro, California

Sample ID	Sample Depth (feet)	Date Sampled	TPPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-Benzene (ppm)	Total Xylenes (ppm)	TEPH as Diesel (ppm)	MtBE (ppm)	Oil and Grease (ppm)	TTLC Cadmium (ppm)	TTLC Chromium (ppm)	TTLC Nickel (ppm)	TTLC Lead (ppm)	TTLC Zinc (ppm)
D-1	3	07/31/98	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA	10	NA
D-2	3-1/2	07/31/98	4.1[4]	ND	ND	ND	ND	NA	0.26	NA	NA	NA	NA	6.2	NA
D-3	3	07/31/98	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA	6.6	NA
D-4	3	07/31/98	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA	6.8	NA
WC-1[1]	8-1/2	07/31/98	500	1.4	33	9.8	54	2800	20	6,000	ND	32	41	87	69
WC-2[1]	10	07/31/98	150	1.7	10	2.7	16	930	6.5	1,600	ND	32	39	23	42
SP-1(A-D)	NA	07/31/98	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	NA	15	NA
SP-2(A-D)[2,3]	NA	07/31/98	1,500	17[7]	140	32	180	2,100[4]	110	7,100	ND	33	41	280[5,6]	88

TPPH = Total purgeable petroleum hydrocarbons
TEPH = Total extractable petroleum hydrocarbons
MtBE = Methyl tert-butyl ether
TTLC = Total threshold limit concentration
ppm = Parts per million
ND = Not detected
NA = Not applicable
(1) = Sample did not contain detectable concentrations of halogenated volatile organic compounds by EPA Method 8010.
(2) = Sample contained 14 ppm benzene, 210 ppm toluene, 57 ppm ethylbenzene and 330 ppm xylenes, but did not contain detectable concentrations of other volatile organic compounds by EPA Method 8240.
(3) = Sample did not contain detectable concentrations of semi-volatile organic compounds by EPA Method 8270.
(4) = Atypical chromatograph pattern reported by analytical laboratory.
(5) = Sample extract by soluble threshold limit concentration (STLC) method contained 6.3 to 8.4 ppm lead.
(6) = Sample extract by toxicity characteristic leaching potential (TCLP) method contained 8.4 ppm lead.
(7) = Sample extract by toxicity characteristic leaching potential (TCLP) method contained 0.31 ppm benzene.
Detection limits are indicated in certified analytical reports.

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1			**(Screen Interval in feet: 20.0-40.0)**											
08/13/93	56.58	31.60	0.00	24.98	--	310	--	0.84	ND	2.6	1.0	--	--	
09/07/93	56.58	31.60	0.00	24.98	0.00	--	--	--	--	--	--	--	--	
12/16/93	56.10	33.19	0.00	22.91	-2.07	ND	--	ND	ND	ND	ND	--	--	
01/13/94	56.10	33.06	0.00	23.04	0.13	--	--	--	--	--	--	--	--	
02/09/94	56.10	32.70	0.00	23.40	0.36	--	--	--	--	--	--	--	--	
03/25/94	56.10	31.07	0.00	25.03	1.63	58	--	0.63	0.79	ND	0.65	--	--	
05/18/94	56.10	31.76	0.00	24.34	-0.69	--	--	--	--	--	--	--	--	
06/19/94	56.10	32.26	0.00	23.84	-0.50	51	--	ND	1.4	ND	2.7	--	--	
07/27/94	56.10	33.07	0.00	23.03	-0.81	--	--	--	--	--	--	--	--	
08/18/94	56.10	33.50	0.00	22.60	-0.43	--	--	--	--	--	--	--	--	
09/15/94	56.10	33.93	0.00	22.17	-0.43	ND	--	0.5	0.85	ND	0.77	--	--	
10/11/94	56.10	33.25	0.00	22.85	0.68	--	--	--	--	--	--	--	--	
11/08/94	56.10	34.05	0.00	22.05	-0.80	--	--	--	--	--	--	--	--	
12/06/94	56.10	32.37	0.00	23.73	1.68	ND	--	ND	ND	ND	ND	--	--	
01/10/95	56.10	31.29	0.00	24.81	1.08	--	--	--	--	--	--	--	--	
03/14/95	56.09	27.86	0.00	28.23	3.42	380	--	20	ND	ND	10	--	--	
06/20/95	56.09	28.20	0.00	27.89	-0.34	500	--	50	ND	ND	4.4	--	--	
09/18/95	56.09	30.65	0.00	25.44	-2.45	57	--	1.2	0.75	0.57	2.2	--	--	
12/14/95	56.09	32.20	0.00	23.89	-1.55	ND	--	0.72	1.4	1.2	3.6	--	--	
03/06/96	56.09	26.53	0.00	29.56	5.67	96	--	4.5	ND	ND	3.7	ND	--	
06/04/96	56.09	27.43	0.00	28.66	-0.90	410	--	48	ND	3.4	7.9	ND	--	
09/06/96	56.09	30.25	0.00	25.84	-2.82	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1 continued														
03/08/97	56.09	26.03	0.00	30.06	4.22	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	56.09	31.56	0.00	24.53	-5.53	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	56.09	20.63	0.00	35.46	10.93	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	56.09	27.82	0.00	28.27	-7.19	ND	--	0.59	ND	ND	ND	3.1	--	
03/02/99	56.09	26.83	0.00	29.26	0.99	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	56.09	28.03	0.00	28.06	-1.20	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	56.09	25.50	0.00	30.59	2.53	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	56.09	28.16	0.00	27.93	-2.66	ND	--	ND	0.592	ND	ND	ND	--	
03/26/01	56.09	27.02	0.00	29.07	1.14	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	56.09	31.67	0.00	24.42	-4.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	56.09	28.81	0.00	27.28	2.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	56.09	31.25	0.00	24.84	-2.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	56.09	29.10	0.00	26.99	2.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	56.09	32.10	0.00	23.99	-3.00	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	56.09	28.88	0.00	27.21	3.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
09/16/04	56.09	32.34	0.00	23.75	-3.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
03/03/05	56.09	28.10	0.00	27.99	4.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	56.09	30.10	0.00	25.99	-2.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	56.09	25.72	0.00	30.37	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	56.09	29.13	0.00	26.96	-3.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.91	
03/09/07	58.45	28.98	0.00	29.47	2.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	58.45	31.00	0.00	27.45	-2.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	58.45	30.96	0.00	27.49	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1 continued														
09/02/08	58.45	32.80	0.00	25.65	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	58.45	29.81	0.00	28.64	2.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/04/09	58.45	33.26	0.00	25.19	-3.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2			**(Screen Interval in feet: 20.0-40.0)**											
08/13/93	55.77	30.87	0.00	24.90	--	1400	--	ND	ND	ND	ND	--	--	
09/07/93	55.77	30.87	0.00	24.90	0.00	--	--	--	--	--	--	--	--	
12/16/93	55.27	32.19	0.00	23.08	-1.82	330	--	1.7	--	11	8.5	--	--	
01/13/94	55.27	32.13	0.00	23.14	0.06	--	--	--	--	--	--	--	--	
02/09/94	55.27	33.50	0.00	21.77	-1.37	--	--	--	--	--	--	--	--	
03/25/94	55.27	30.09	0.00	25.18	3.41	130	--	0.7	0.78	0.65	0.64	--	--	
05/18/94	55.27	30.73	0.00	24.54	-0.64	--	--	--	--	--	--	--	--	
06/19/94	55.27	31.31	0.00	23.96	-0.58	180	--	ND	ND	ND	0.86	--	--	
07/27/94	55.27	32.12	0.00	23.15	-0.81	--	--	--	--	--	--	--	--	
08/18/94	55.27	32.50	0.00	22.77	-0.38	--	--	--	--	--	--	--	--	
09/15/94	55.27	33.00	0.00	22.27	-0.50	1000	--	44	ND	ND	ND	--	--	
10/11/94	55.27	32.35	0.00	22.92	0.65	--	--	--	--	--	--	--	--	
11/08/94	55.27	33.09	0.00	22.18	-0.74	--	--	--	--	--	--	--	--	
12/06/94	55.27	31.44	0.00	23.83	1.65	250	--	19	ND	ND	ND	--	--	
01/10/95	55.27	30.25	0.00	25.02	1.19	--	--	--	--	--	--	--	--	
03/14/95	55.29	26.36	0.00	28.93	3.91	89	--	ND	ND	ND	1.2	--	--	
06/20/95	55.29	26.74	0.00	28.55	-0.38	ND	--	ND	0.58	ND	1.7	--	--	
09/18/95	55.29	29.65	0.00	25.64	-2.91	ND	--	ND	ND	ND	0.85	--	--	
12/14/95	55.29	31.10	0.00	24.19	-1.45	ND	--	ND	0.89	ND	2	--	--	

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Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-2 continued														
03/06/96	55.29	25.17	0.00	30.12	5.93	ND	--	ND	ND	ND	ND	80	--	
06/04/96	55.29	26.03	0.00	29.26	-0.86	ND	--	ND	ND	ND	ND	110	--	
09/06/96	55.29	29.18	0.00	26.11	-3.15	ND	--	ND	ND	ND	ND	--	--	
03/08/97	55.29	24.64	0.00	30.65	4.54	ND	--	ND	ND	ND	ND	42	--	
09/04/97	55.29	30.59	0.00	24.70	-5.95	ND	--	ND	ND	ND	ND	46	--	
03/09/98	55.29	19.22	0.00	36.07	11.37	ND	--	ND	ND	ND	ND	4.4	--	
09/01/98	55.29	26.40	0.00	28.89	-7.18	ND	--	ND	ND	ND	ND	25	--	
03/02/99	55.29	25.48	0.00	29.81	0.92	ND	--	ND	ND	ND	ND	16	--	
09/07/99	55.29	26.51	0.00	28.78	-1.03	ND	--	ND	ND	ND	ND	20	--	
03/09/00	55.29	23.95	0.00	31.34	2.56	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	55.29	26.75	0.00	28.54	-2.80	ND	--	ND	0.635	ND	ND	ND	--	
03/26/01	55.29	25.64	0.00	29.65	1.11	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.29	30.47	0.00	24.82	-4.83	ND<50	--	ND<0.50	0.69	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.29	27.29	0.00	28.00	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.29	30.06	0.00	25.23	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
03/18/03	55.29	27.71	0.00	27.58	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
09/26/03	55.29	30.73	0.00	24.56	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.29	27.38	0.00	27.91	3.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
09/16/04	55.29	31.19	0.00	24.10	-3.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
03/03/05	55.29	26.48	0.00	28.81	4.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/22/05	55.29	28.95	0.00	26.34	-2.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
03/25/06	55.29	24.39	0.00	30.90	4.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
09/25/06	55.29	27.89	0.00	27.40	-3.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.3	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-2 continued														
03/09/07	57.63	27.56	0.00	30.07	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.63	29.79	0.00	27.84	-2.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.63	29.60	0.00	28.03	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.68	
09/02/08	57.63	31.70	0.00	25.93	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.66	
03/13/09	57.63	28.25	0.00	29.38	3.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/04/09	57.63	32.08	0.00	25.55	-3.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-3			**(Screen Interval in feet: 20.0-40.0)**											
08/13/93	55.66	30.70	0.00	24.96	--	23000	--	1000	ND	1700	1600	--	--	
09/07/93	55.66	30.70	0.00	24.96	0.00	--	--	--	--	--	--	--	--	
12/16/93	55.24	32.08	0.00	23.16	-1.80	15000	--	570	ND	940	ND	--	--	
01/13/94	55.24	31.98	0.00	23.26	0.10	--	--	--	--	--	--	--	--	
02/09/94	55.24	33.82	0.00	21.42	-1.84	--	--	--	--	--	--	--	--	
03/25/94	55.24	30.03	0.00	25.21	3.79	18000	--	560	40	1000	770	--	--	
05/18/94	55.24	30.66	0.00	24.58	-0.63	--	--	--	--	--	--	--	--	
06/19/94	55.24	31.19	0.00	24.05	-0.53	17000	--	580	ND	1300	ND	--	--	
07/27/94	55.24	31.98	0.00	23.26	-0.79	--	--	--	--	--	--	--	--	
08/18/94	55.24	32.39	0.00	22.85	-0.41	--	--	--	--	--	--	--	--	
09/15/94	55.24	32.84	0.00	22.40	-0.45	12000	--	370	--	970	610	--	--	
10/11/94	55.24	32.20	0.00	23.04	0.64	--	--	--	--	--	--	--	--	
11/08/94	55.24	33.01	0.00	22.23	-0.81	--	--	--	--	--	--	--	--	
12/06/94	55.24	31.34	0.00	23.90	1.67	17000	--	390	ND	990	560	--	--	
01/10/95	55.24	30.23	0.00	25.01	1.11	--	--	--	--	--	--	--	--	
03/14/95	55.23	25.44	0.00	29.79	4.78	13000	--	860	120	1300	1700	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
06/20/95	55.23	26.70	0.00	28.53	-1.26	9800	--	590	ND	800	1000	--	--	
09/18/95	55.23	29.55	0.00	25.68	-2.85	9800	--	600	ND	1000	760	--	--	
12/14/95	55.23	31.02	0.00	24.21	-1.47	10000	--	520	ND	920	630	--	--	
03/06/96	55.23	25.25	0.00	29.98	5.77	19000	--	1400	ND	1800	3000	73	--	
06/04/96	55.23	26.00	0.00	29.23	-0.75	8800	--	510	ND	600	830	ND	--	
09/06/96	55.23	29.06	0.00	26.17	-3.06	15000	--	360	20	540	450	ND	--	
03/08/97	55.23	24.65	0.00	30.58	4.41	3500	--	310	ND	230	630	ND	--	
09/04/97	55.23	30.44	0.00	24.79	-5.79	700	--	27	ND	48	34	ND	--	
03/09/98	55.23	19.20	0.00	36.03	11.24	410	--	22	1.2	ND	6.1	24	--	
09/01/98	55.23	26.33	0.00	28.90	-7.13	ND	--	ND	ND	ND	ND	6.1	--	
03/02/99	55.23	25.50	0.00	29.73	0.83	2100	--	110	2.6	ND	240	39	--	
09/07/99	55.23	27.63	0.00	27.60	-2.13	2400	--	67	ND	150	150	ND	--	
03/09/00	55.23	24.05	0.00	31.18	3.58	3250	--	143	ND	59	326	ND	--	
09/11/00	55.23	27.83	0.00	27.40	-3.78	ND	--	ND	ND	ND	ND	ND	--	
03/26/01	55.23	25.75	0.00	29.48	2.08	ND	--	ND	ND	ND	--	ND	--	
09/04/01	55.23	30.41	0.00	24.82	-4.66	5400	--	110	ND<10	800	220	ND<100	--	
03/18/02	55.23	27.35	0.00	27.88	3.06	ND<50	--	ND<0.50	ND<0.50	0.55	1.2	ND<5.0	--	
08/30/02	55.23	30.01	0.00	25.22	-2.66	--	4400	55	ND<2.5	610	140	--	ND<10	
03/18/03	55.23	27.69	0.00	27.54	2.32	--	ND<50	1.2	ND<0.50	7.9	4.3	--	ND<2.0	
09/26/03	55.23	30.62	0.00	24.61	-2.93	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.23	27.34	0.00	27.89	3.28	--	3000	39	ND<2.5	490	220	--	ND<2.5	
09/16/04	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through September 2009
76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
09/22/05	55.23	28.87	0.00	26.36	--	--	1600	6.6	ND<0.50	110	8.9	--	0.76	
03/25/06	55.23	24.25	0.00	30.98	4.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	55.23	27.81	0.00	27.42	-3.56	--	330	1.6	ND<0.50	37	2.6	--	ND<0.50	
03/09/07	57.59	27.61	0.00	29.98	2.56	--	1100	6.2	ND<0.50	61	17	--	0.65	
07/03/07	57.59	29.74	0.00	27.85	-2.13	--	1300	3.7	ND<0.50	6.1	ND<0.50	--	0.69	
01/10/08	57.59	29.65	0.00	27.94	0.09	--	920	3.5	ND<0.50	22	2.4	--	0.96	
09/02/08	57.59	31.65	0.00	25.94	-2.00	--	400	ND<0.50	ND<0.50	0.77	ND<1.0	--	0.76	
03/13/09	57.59	28.42	0.00	29.17	3.23	--	2000	7.5	ND<0.50	200	160	--	0.94	
09/04/09	57.59	32.00	0.00	25.59	-3.58	--	1700	1.4	ND<0.50	1.5	ND<1.0	--	0.85	
U-4			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	55.39	26.52	0.00	28.87	--	490	--	3.2	2.1	0.79	1.2	--	--	
06/20/95	55.39	26.90	0.00	28.49	-0.38	--	--	--	--	--	1.5	--	--	
09/18/95	55.39	29.79	0.00	25.60	-2.89	--	--	--	--	--	--	--	--	
12/14/95	55.39	31.23	0.00	24.16	-1.44	--	--	--	0.59	--	0.79	--	--	
03/06/96	55.39	25.30	0.00	30.09	5.93	ND	--	ND	ND	ND	0.62	50	--	
06/04/96	55.39	26.19	0.00	29.20	-0.89	ND	--	ND	ND	ND	ND	290	--	
09/06/96	55.39	29.32	0.00	26.07	-3.13	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.39	24.79	0.00	30.60	4.53	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.39	30.71	0.00	24.68	-5.92	ND	--	ND	ND	ND	ND	18	--	
03/09/98	55.39	19.37	0.00	36.02	11.34	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.39	26.56	0.00	28.83	-7.19	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	55.39	25.62	0.00	29.77	0.94	110	--	0.89	0.53	ND	0.79	4.9	--	
09/07/99	55.39	26.82	0.00	28.57	-1.20	ND	--	ND	ND	ND	ND	3.0	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-4 continued														
03/09/00	55.39	24.07	0.00	31.32	2.75	ND	--	ND	0.615	ND	1.05	ND	--	
09/11/00	55.39	26.48	0.00	28.91	-2.41	ND	--	ND	0.686	ND	ND	ND	--	
03/26/01	55.39	25.69	0.00	29.70	0.79	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.39	30.60	0.00	24.79	-4.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.39	27.45	0.00	27.94	3.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.39	30.19	0.00	25.20	-2.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	55.39	27.85	0.00	27.54	2.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	55.39	30.86	0.00	24.53	-3.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.39	27.52	0.00	27.87	3.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	55.39	31.31	0.00	24.08	-3.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/03/05	55.39	26.63	0.00	28.76	4.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	55.39	29.03	0.00	26.36	-2.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	55.39	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Area flooded
09/25/06	55.39	28.02	0.00	27.37	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/09/07	57.74	27.69	0.00	30.05	2.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.74	29.91	0.00	27.83	-2.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.74	29.73	0.00	28.01	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.74	31.87	0.00	25.87	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	57.74	28.48	0.00	29.26	3.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/04/09	57.74	32.20	0.00	25.54	-3.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-5			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	54.18	25.20	0.00	28.98	--	ND	--	ND	ND	ND	1.2	--	--	
06/20/95	54.18	25.60	0.00	28.58	-0.40	ND	--	ND	ND	ND	1.6	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-5 continued														
09/18/95	54.18	28.55	0.00	25.63	-2.95	ND	--	ND	ND	ND	0.66	--	--	
12/14/95	54.18	29.94	0.00	24.24	-1.39	ND	--	ND	ND	ND	ND	--	--	
03/06/96	54.18	24.03	0.00	30.15	5.91	ND	--	ND	ND	ND	ND	ND	--	
06/04/96	54.18	24.91	0.00	29.27	-0.88	ND	--	ND	ND	ND	ND	ND	--	
09/06/96	54.18	28.06	0.00	26.12	-3.15	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	54.18	23.49	0.00	30.69	4.57	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	54.18	29.46	0.00	24.72	-5.97	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	54.18	18.10	0.00	36.08	11.36	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	54.18	25.27	0.00	28.91	-7.17	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	54.18	24.35	0.00	29.83	0.92	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	54.18	26.39	0.00	27.79	-2.04	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	54.18	22.81	0.00	31.37	3.58	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	54.18	25.36	0.00	28.82	-2.55	ND	--	ND	0.64	ND	ND	ND	--	
03/26/01	54.18	24.55	0.00	29.63	0.81	--	--	--	ND	ND	ND	ND	--	
09/04/01	54.18	29.34	0.00	24.84	-4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	54.18	26.16	0.00	28.02	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	54.18	28.94	0.00	25.24	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	54.18	26.58	0.00	27.60	2.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	54.18	29.60	0.00	24.58	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	54.18	26.23	0.00	27.95	3.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/22/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Planter Covering Well

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-5 continued														
03/25/06	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
09/25/06	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/09/07	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
07/03/07	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
01/10/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/02/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/13/09	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/04/09	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-6			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	55.36	26.94	0.00	28.42	--	14000	--	170	36	790	1500	--	--	
06/20/95	55.36	27.15	0.00	28.21	-0.21	8500	--	170	11	950	1300	--	--	
09/18/95	55.36	29.95	0.00	25.41	-2.80	9500	--	260	ND	1400	1800	--	--	
12/14/95	55.36	31.32	0.00	24.04	-1.37	15000	--	240	ND	1400	1700	--	--	
03/06/96	55.36	25.71	0.00	29.65	5.61	2400	--	54	ND	170	250	--	--	
06/04/96	55.36	26.52	0.00	28.84	-0.81	4600	--	83	ND	400	520	46	--	
09/06/96	55.36	29.41	0.00	25.95	-2.89	12000	--	180	6.4	690	600	95	--	
03/08/97	55.36	25.25	0.00	30.11	4.16	2000	--	180	ND	96	290	--	--	
09/04/97	55.36	30.75	0.00	24.61	-5.50	680	--	17	ND	52	39	--	--	
03/09/98	55.36	19.84	0.00	35.52	10.91	690	--	41	8.5	3.2	140	16	--	
09/01/98	55.36	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/02/99	55.36	25.95	0.00	29.41	--	3900	--	240	ND	650	430	45	--	
09/07/99	55.36	28.19	0.00	27.17	-2.24	320	--	14	ND	5.2	ND	10	--	
03/09/00	55.36	24.64	0.00	30.72	3.55	4980	--	193	ND	520	365	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-6 continued														
09/11/00	55.36	28.35	0.00	27.01	-3.71	538	--	22.8	ND	13.8	3.11	ND	--	
10/13/00	55.36	29.67	0.00	25.69	-1.32	--	--	--	--	--	--	--	ND	
03/26/01	55.36	26.88	0.00	28.48	2.79	16400	--	412	ND	2010	1010	ND	--	
09/04/01	55.36	30.81	0.00	24.55	-3.93	8000	--	200	ND<25	1100	250	ND<250	--	
03/18/02	55.36	27.87	0.00	27.49	2.94	3900	--	96	ND<10	590	210	ND<100	--	
08/30/02	55.36	30.40	0.00	24.96	-2.53	--	7900	120	ND<5.0	1000	91	--	ND<20	
03/18/03	55.36	28.19	0.00	27.17	2.21	--	1800	30	ND<2.5	270	47	--	ND<10	
09/26/03	55.36	31.15	0.00	24.21	-2.96	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.36	27.93	0.00	27.43	3.22	--	3200	25	ND<2.5	420	95	--	ND<2.5	
09/16/04	55.36	31.50	0.00	23.86	-3.57	--	3600	14	ND<2.5	310	35	--	ND<2.5	
03/03/05	55.36	27.16	0.00	28.20	4.34	1100	--	5.8	1.2	170	12	--	ND<2.5	
09/22/05	--	29.64	0.00	--	--	--	3200	4.0	ND<0.50	160	3.6	--	1.1	Casing elevation modified on 5/9/05
03/25/06	--	25.32	0.00	--	--	--	220	0.59	ND<0.50	ND<0.50	ND<1.0	--	0.99	
09/25/06	--	28.61	0.00	--	--	--	960	0.56	ND<0.50	41	0.75	--	1.4	
03/09/07	58.13	28.46	0.00	29.67	--	--	1100	0.56	ND<0.50	25	1.1	--	1.1	
07/03/07	58.13	30.53	0.00	27.60	-2.07	--	730	ND<0.50	ND<0.50	7.3	ND<0.50	--	1.3	
01/10/08	58.13	30.50	0.00	27.63	0.03	--	1300	ND<0.50	ND<0.50	7.0	ND<1.0	--	1.3	
09/02/08	58.13	32.30	0.00	25.83	-1.80	--	1000	ND<0.50	ND<0.50	1.9	ND<1.0	--	1.2	
03/13/09	58.13	28.53	0.00	29.60	3.77	--	1000	ND<0.50	ND<0.50	5.1	ND<1.0	--	1.1	
09/04/09	58.13	32.80	0.00	25.33	-4.27	--	2400	ND<0.50	ND<0.50	1.2	ND<1.0	--	0.89	
U-7			**(Screen Interval in feet: 25.0-40.0)**											
03/14/95	55.05	26.13	0.00	28.92	--	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-7 continued														
06/20/95	55.05	26.38	0.00	28.67	-0.25	ND	--	ND	ND	ND	ND	--	--	
09/18/95	55.05	29.21	0.00	25.84	-2.83	ND	--	ND	ND	ND	ND	--	--	
12/14/95	55.05	30.75	0.00	24.30	-1.54	ND	--	ND	ND	ND	0.88	--	--	
03/06/96	55.05	25.10	0.00	29.95	5.65	ND	--	ND	ND	ND	ND	ND	--	
06/04/96	55.05	25.67	0.00	29.38	-0.57	ND	--	ND	ND	ND	ND	ND	--	
09/06/96	55.05	28.75	0.00	26.30	-3.08	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.05	24.33	0.00	30.72	4.42	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.05	30.16	0.00	24.89	-5.83	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	55.05	18.91	0.00	36.14	11.25	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.05	26.04	0.00	29.01	-7.13	88	--	ND	ND	ND	ND	2.9	--	
03/02/99	55.05	25.30	0.00	29.75	0.74	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	55.05	27.27	0.00	27.78	-1.97	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	55.05	23.76	0.00	31.29	3.51	ND	--	ND	ND	ND	1.09	ND	--	
09/11/00	55.05	27.19	0.00	27.86	-3.43	ND	--	ND	ND	ND	ND	ND	--	
03/26/01	55.05	25.61	0.00	29.44	1.58	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.05	30.10	0.00	24.95	-4.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.05	27.03	0.00	28.02	3.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.05	29.69	0.00	25.36	-2.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	55.05	27.39	0.00	27.66	2.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	55.05	30.40	0.00	24.65	-3.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.05	27.09	0.00	27.96	3.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	55.05	30.83	0.00	24.22	-3.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/03/05	55.05	26.26	0.00	28.79	4.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through September 2009

76 Station 5430

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-7 continued														
09/21/05	55.05	28.53	0.00	26.52	-2.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	55.05	24.91	0.00	30.14	3.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	55.05	27.50	0.00	27.55	-2.59	--	74	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/09/07	57.45	27.28	0.00	30.17	2.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.45	29.43	0.00	28.02	-2.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.45	29.39	0.00	28.06	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.45	31.40	0.00	26.05	-2.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	57.45	28.16	0.00	29.29	3.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/04/09	57.45	31.72	0.00	25.73	-3.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-1												
08/13/93	50	--	--	--	--	--	--	--	--	--	--	--
12/16/93	130	--	--	--	--	--	--	--	--	--	--	--
03/25/94	57	--	--	--	--	--	--	--	--	--	--	--
06/19/94	61	--	--	--	7.4	--	--	--	--	--	--	--
09/15/94	83	--	--	--	9.5	--	--	--	--	--	--	--
12/06/94	--	--	--	--	5.8	--	--	--	--	--	--	--
03/14/95	71	--	--	--	--	--	--	--	--	--	--	--
06/20/95	170	--	--	--	--	--	--	--	--	--	--	--
09/18/95	72	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	3.8	--	--	--	--	--	--	--
06/04/96	170	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	43	--	--	--	--	--	--	--
09/04/97	--	--	--	--	4.5	--	--	--	--	--	--	--
09/01/98	--	--	--	--	8.9	--	--	--	--	--	--	--
03/02/99	--	--	--	--	4.5	--	--	--	--	--	--	--
03/09/00	--	--	--	--	1.32	--	--	--	--	--	--	--
09/11/00	--	--	--	--	--	--	--	--	--	3.58	--	--
03/26/01	--	--	--	--	2.50	--	--	--	--	--	--	--
09/04/01	--	--	--	--	2.4	--	--	--	--	--	--	--
03/18/02	--	--	--	--	4.4	--	--	--	--	--	--	--
08/30/02	--	--	--	--	1.2	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	2.6	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	1.6	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
09/16/04	--	--	--	--	1.3	--	--	--	--	ND<0.50	ND<2.0	ND<1.0

TRC

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-1 continued												
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	0.71	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	0.96	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/13/09	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/04/09	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
U-2												
03/25/94	--	--	--	--	11	--	--	--	--	--	--	--
06/19/94	--	--	--	--	0.54	--	--	--	--	--	--	--
09/15/94	--	--	--	--	0.66	--	--	--	--	--	--	--
08/30/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
U-3												
03/25/94	--	--	--	--	480	--	--	--	--	--	--	--
06/19/94	--	--	--	--	410	--	--	--	--	--	--	--
09/15/94	--	--	--	--	420	--	--	--	--	--	--	--
12/06/94	--	--	--	--	430	--	--	--	--	--	--	--
12/14/95	--	--	--	--	240	--	--	--	--	--	--	--
03/08/97	--	--	--	--	100	--	--	--	--	--	--	--
09/04/97	--	--	--	--	160	--	--	--	--	--	--	--
03/09/98	--	--	--	--	4.4	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-3 continued												
03/02/99	--	--	--	--	6.7	--	--	--	--	--	--	--
09/07/99	--	--	--	--	1.1	--	--	--	--	1.4	--	--
09/11/00	--	--	--	--	1.17	--	--	--	--	--	--	--
09/04/01	--	--	--	--	ND<5.0	--	--	--	--	--	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	ND<5.0	--	--	--	--	ND<5.0	ND<20	ND<10
09/22/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/13/09	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/04/09	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
U-4												
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
U-5												
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
U-6												
03/14/95	--	--	--	--	210	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)
U-6 continued												
12/14/95	--	--	--	--	370	--	--	--	--	--	--	--
03/18/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--
U-7												
09/04/01	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
09/16/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/13/09	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/04/09	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-1												
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/06/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
03/08/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/01/98	--	--	--	--	--	--	--	ND	--	--	--	--
03/02/99	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/00	--	--	--	--	--	--	--	ND	--	--	--	--
09/11/00	--	--	--	--	75.2	--	--	--	--	--	--	--
03/26/01	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/01	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<2	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TRC

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-1 continued												
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-2												
03/25/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
U-3												
03/25/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/06/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
03/08/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/97	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/98	--	--	--	--	--	--	--	ND	--	--	--	--
03/02/99	--	--	--	--	--	--	--	ND	--	--	--	--
09/07/99	--	--	--	--	31	--	--	ND	--	--	--	--
09/11/00	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/01	--	--	--	--	--	--	--	ND<5.0	--	--	--	--
03/18/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<0.5	--	--	--	--
03/26/04	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-3 continued												
09/22/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-6												
03/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
U-7												
09/04/97	1.3	--	--	--	--	--	--	--	--	--	--	--
09/01/98	2.0	--	--	--	0.60	--	--	--	--	--	--	--
03/02/99	1.2	--	--	--	--	--	--	--	--	--	--	--
03/09/00	0.801	--	--	--	--	--	--	--	--	--	--	--
09/04/01	0.60	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/02	0.65	--	--	--	1.5	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<0.5	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	2.0	ND<0.50	ND<1.0	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<2.0	ND<50	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-7 continued												
09/21/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	3.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	22	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	15	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	3.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	0.66	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)
U-1												
03/26/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
U-3												
03/26/04	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
U-7												

TRC

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)
U-7 continued												
03/26/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
U-1				
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	--	--
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3				
03/26/04	ND<5.0	ND<5.0	ND<10	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7				

Table 2 d
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
U-7 continued				
03/18/03	--	1.10	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	--	--
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/13/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/04/09	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 5
Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPH as Diesel and Total Oil and Grease)

Unocal Service Station 5430
1935 Washington Avenue at Castro Street
San Leandro, California

Well Number	Date Sampled	TPH as Diesel (ppb)	Total Oil and Grease (ppb)
U - 1	08/13/93	50 a	<1,000

ppb = Parts per billion
a. Not a typical diesel pattern; lower boiling hydrocarbons in the boiling range of Stoddard calculated as diesel.

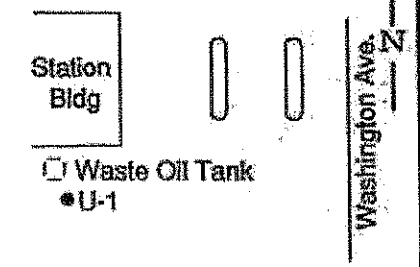
Table 2
Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MtBE)

Unocal Service Station 5430
1935 Washington Avenue
San Leandro, California

Well Number	Date Sampled	Depth to Water (feet)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
B-1	07/29/97	56.73	ND	ND	ND	ND	ND	ND

TPPH = Total purgeable petroleum hydrocarbons
MtBE = Methyl tert-butyl ether
ppb = Parts per billion
ND = Not detected

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-1
PAGE 1 OF 3

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.02"
GRAVEL PACK: 2X12

CLIENT: UNOCAL
DATE DRILLED: 8-4-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 46'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
								ASPHALT and BASEROCK
				1			ML	CLAYEY SILT: dark brown; <.5mm rootholes; stiff; no product odor.
GROUT	Dp	ND	14	5				
	Dp	ND	16	10				@9.5': dark yellowish brown; 15-25% very fine sand; 20% clay; stiff; no product odor.
BENTONITE	Dp	ND	22	15			SP	SAND: dark yellowish brown; <5% fines; very fine grained; medium dense; no product odor.
SAND	Dp	ND	23	20			SM	SILTY SAND: dark yellowish brown; 20-30% silt; very fine to fine grained; <5% coarse sand; medium dense; no product odor.

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-1
PAGE 2 OF 3

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
SAND				23			SM	SILTY SAND - continued.
				24			CL	SANDY CLAY: dark brown; 25% very fine sand; <.5mm rootholes; no product odor.
	Wt	8	26	25			SM	SILTY SAND: dark yellowish brown; fine to coarse grained; 5% subrounded fine to grained gravel; medium dense; no product odor.
				26				
				27			CL	SILTY CLAY: brown; trace sand; <.5mm rootholes; very stiff; no product odor.
				28				
	Wt			29				
		ND	37	30			SC	CLAYEY SAND: dark yellowish brown; 35-45% clay; fine to medium grained; medium dense; no product odor.
	Wt-Sat			31				
				32				
				33				
				34				
	Wt	ND	33	35			CL	SILTY CLAY: dark yellowish brown; 20-25% silt; <.5mm rootholes; very stiff; no product odor.
				36				
				37				
				38				
				39				
	Mst	ND	31	40				@40': light olive brown; very stiff; no product odor.
				41				
				42				
Backfilled With Bentonite				43				
				44				

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

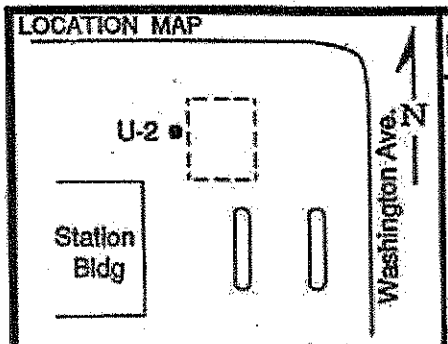
WELL NO. U-1
PAGE 3 OF 3

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Bentonite	Wt	ND	29	45				CL	SILTY CLAY: dark olive brown; 30-40% silt; very stiff; no product odor.
				46					BOTTOM OF BORING 46'
				47					
				48					
				49					
				50					
				51					
				52					
				53					
				54					
				55					
				56					
				57					
				58					
				59					
				60					
				61					
				62					
				63					
				64					
				65					
				66					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-2
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: .02"
GRAVEL PACK: 2X12

CLIENT: UNOCAL
DATE DRILLED: 8-5-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 41'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				1				ASPHALT and BASEROCK
				2			ML	CLAYEY SILT: dark yellowish brown; low plasticity; <.5mm rootholes; stiff; no product odor.
				3				
				4				
	Dp	ND	15	5				
				6				
				7				
				8				
				9				
	Dp	ND	19	10			SM	SILTY SAND: dark yellowish brown; 20-30% silt; very fine grained; medium dense; no product odor.
BENTONITE				11				
				12				
				13				
				14				
	Dp	ND	20	15			CL	SANDY CLAY: dark yellowish brown; silty; 15-20% fine sand; very stiff; no product odor.
				16				
				17				
				18				
				19				
SAND	Dp	ND	23	20				@19.5': very stiff; no product odor.
				21				
				22				

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

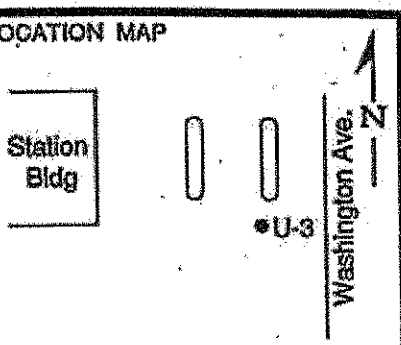
WELL NO. U-2
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
SAND				23–24			CL	SILTY CLAY: trace rounded gravel; rootholes; brown staining; very stiff; no product odor.
	Dp	ND	30	25				
				26–28			SM	SILTY SAND: dark brown; medium to coarse grained; 5% rounded medium gravel; medium dense; no product odor.
	Mst	ND	37	29–31			CL	SANDY CLAY: olive brown; 25-30% very fine sand; very stiff; moderate plasticity; brown roothole staining; <.5mm rootholes.
	Wt-Sat	ND	30	32–35				@34.5': dark yellowish brown; very stiff; no product odor.
	Sat	ND	22	36–40				@39.5': very stiff; no product odor.
				41				BOTTOM OF BORING AT 41'
				42–44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-3
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.02"
GRAVEL PACK: 2X12

CLIENT: UNOCAL
DATE DRILLED: 8-5-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 41'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
								ASPHALT and BASEROCK
GROUT				1			ML	CLAYEY SILT: dark yellowish brown; low plasticity; 30-40% clay; <.5mm rootholes; stiff; no product odor.
				2				
				3				
				4				
	Dp	ND	15	5				
				6				
				7				
				8				
				9				
	Dp	ND	20	10			SM	SILTY SAND: dark yellowish brown; very fine to fine grained; 35-40% fines; <.5mm rootholes; medium dense; no product odor.
				11				
				12				
				13				
				14				
BENTONITE	Dp	ND	21	15			ML	CLAYEY SILT: dark yellowish brown; 30-40% clay; very stiff; <.5 mm rootholes; no product odor.
				16				
				17			SP	SAND: dark yellowish brown; 10% fines; medium to fine grained; trace subangular gravel; no product odor.
				18				
				19				
SAND	Dp-Mst	290	27	20			CL	SILTY CLAY: dark yellowish brown; moderate plasticity; 5-10% angular gravel; very stiff; <.5 mm rootholes; no product odor.
				21				
				22				

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

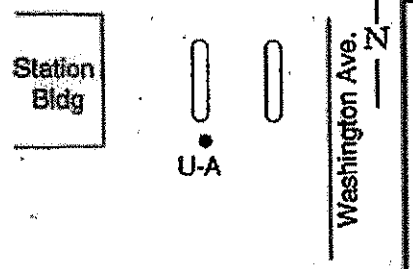
WELL NO. U-3
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
SAND	Mst	90	20	23–26			CL	SILTY CLAY: 30-40% silt; organic matter; very stiff; no product odor.
	Mst	120	28	29–31				@29.5': 20-30% silt; organic matter; grey roothole staining; very stiff; faint to moderate product odor.
	Wet	30	32	34–36				@34.5': very stiff; faint to moderate product odor.
	Wet	25	33	39–41				@39.5': very stiff; no to faint product odor.
				41				BOTTOM OF BORING AT 41'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING [redacted]
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 8-4-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 41'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
		ND		0					ASPHALT and BASEROCK
Backfilled With Grout				1				ML	CLAYEY SILT: dark yellowish brown; low plasticity; <.5mm rootholes; stiff; no product odor.
				2					
				3					
				4					
	Dp	ND	16	5					
				6					
				7					
				8					
				9					
	Dp	ND	16	10				SP	[redacted] dark yellowish brown; very fine grained; medium dense; no product odor.
				11					
				12					
				13					
				14					
	Mst	ND	17	15				ML	CLAYEY SILT: dark yellowish brown; 30-40% clay; stiff; no product odor.
				16					
				17					
				18					
				19					
	Wt	ND	20	20				SM	SILTY SAND: dark yellowish brown; 20-25% silt; fine to medium grained; trace gravel; medium dense; no product odor.
				21					
				22				CL	SILTY CLAY: see next page.

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

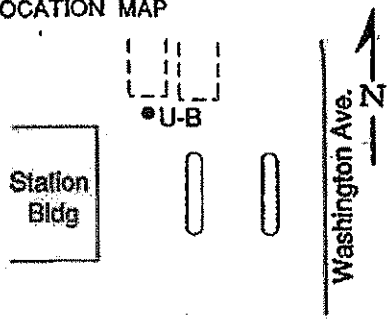
BORING NO. U-A
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL / GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				23			
				24			
	Mst	ND	30	25		CL	SILTY CLAY: dark yellowish brown; moderate plasticity; 5% fine sand; very stiff; no product odor.
				26			
				27			
				28			
				29			
	Wt	5.3	14	30			@29.5': very dark gray; moderate to high plasticity; stiff; faint product odor.
▼				31			
				32			
				33			
				34			
	Wt	15	20	35			@34.5': olive brown; moderate plasticity; 20-25% silt; stiff; moderate product odor.
				36			
▽				37			
				38			
				39			
	Sat	3.5	25	40			@39.5': olive brown; moderate plasticity; 30-35% silt; trace fine sand; very stiff; strong product odor.
				41			(Water has strong product odor.)
				42			BOTTOM OF BORING AT 41'
				43			
				44			

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. U-B
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 8-4-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 36'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1				ASPHALT
				1			ML	CLAYEY SILT: dark brown; low plasticity; <.5mm rootholes; stiff; no product odor.
				2				
				3				
				4				
	Dp	ND	14	5				
				6				
				7				
				8				
				9				
	Dp	ND	16	10			SM	SILTY SAND: dark brown; 20-30% silt; very fine grained; massive; medium dense; no product odor.
				11				
				12				
				13				
				14				
	Mst	ND	17	15			ML	CLAYEY SILT: dark brown; low plasticity; 10-15% clay; <.5mm rootholes; very stiff; no product odor.
				16				
				17				
				18				
				19				
	Mst	ND	20	20			SM	SILTY [illegible] dark yellowish brown; 20-30% silt; medium grained; 20-30% silt; 10% subangular gravel; medium dense; no product odor.
				21				
				22				

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

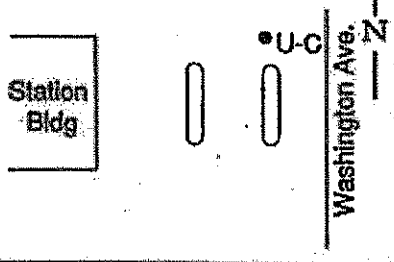
BORING NO. U-5
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				23			SM	SILTY SAND: continued.
				24			ML	CLAYEY SILT: dark brown; stiff; no product odor.
	Dp	ND	31	25			SM	SILTY [redacted] dark brown; medium to coarse grained; 5% subrounded gravel; medium dense; no product odor.
				26				
				27				
				28				
				29				
	Wt	25	32	30				@29.5': olive gray; faint product odor.
				31				
				32				
				33				
				34				
	Sat	ND	52	35			CL	SILTY CLAY: olive brown; moderate plasticity; 30-40% silt; massive; hard; faint product odor.
				36				BOTTOM OF BORING AT 36'
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. [redacted]
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 8-4-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 41'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1				ASPHALT
				2			ML	CLAYEY SILT: dark brown; low plasticity; <.5mm rootholes; stiff; no product odor.
				3				
				4				
	Dp	1.0	15	5				
				6				
				7				
				8				
				9				
	Dp	1.0	20	10				@9.5': same as above.
							SM	SILT [redacted] 10% coarse subrounded fine gravel;
				11			ML	medium dense; no product odor. CLAYEY SILT: dark brown; low plasticity; 20% clay;
				12				stiff; no product odor.
				13				
				14				
	Mst	6.8	23	15			CL	SILTY CLAY: very dark grayish brown; 30-40% silt; 5% medium sand; trace gravel; very stiff [redacted]
				16				
				17				
				18				
				19				
	Dp	56	21	20				@19.5': charcoal/organic matter; trace of grave[redacted] moderate product odor.
				21				
				22				

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

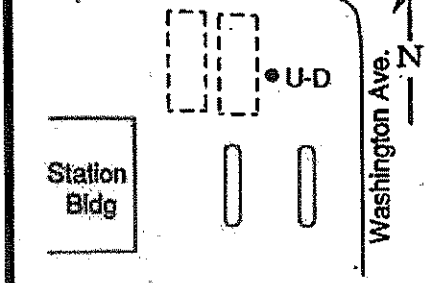
BORING NO. U-C
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Mst	180	23	25				CL	SILTY CLAY: very dark grayish brown; 25-35% silt; very stiff; roothole stained with hydrocarbons; strong product odor.
	Mst	58	20	30					@29.5': dark yellowish brown; roothole stained with hydrocarbon; strong product odor.
	Wt	14	26	35					@34.5': very stiff; faint product odor.
	Wt	8.4	17	40					@39.5': stiff; no to faint product odor.
									BOTTOM OF BORING AT 41'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. U-D
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 8-4-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 41'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL / GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1			ASPHALT
				2		ML	CLAYEY SILT: dark brown; low plasticity; <.5mm rootholes; stiff; no product odor.
				3			
				4			
	Dp	ND	17	5			
				6			
				7			
				8			
				9			
	Dp	ND	15	10		ML	CLAYEY SANDY SILT: dark brown; low plasticity; 25-35% very fine sand; stiff; no product odor.
				11			
				12			
				13			
				14			
	Mst	ND	14	15		ML	CLAYEY SILT: dark brown; low plasticity; <.5mm rootholes, 30-40% clay; stiff; no product odor.
				16			
				17			
				18			
				19			
	Mst	ND	22	20			@19.5': trace fine sand; stiff; no product odor.
				21			
				22			

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

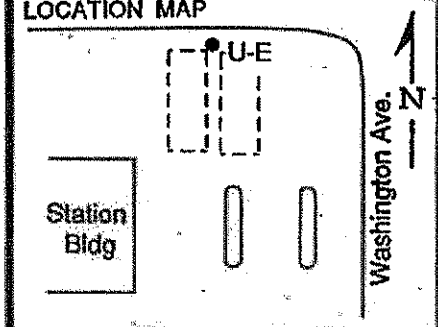
BORING NO. U-D
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				23			ML	CLAYEY SILT: continued.
				24				
	Mst	ND	29	25			SM	SITL[redacted]ark brown; 15-25% silt; fine to coarse grained; medium dense; no product odor.
				26				
				27				
				28				
				29				
	Mst	2.0	40	30			ML	CLAYEY SILT: olive gray; low plasticity; 20-30% clay; staining in rootholes; hard; [redacted]
				31				
				32				
				33				
				34				
	Wt-Sat	1.0	37	35				@34.5': dark yellowish brown; very stiff; roothole stained with hydrocarbon [redacted]
				36				
				37				
				38				
				39				
	Sat	ND	18	40				@39.5': stiff; moderate product odor.
				41				
				42				
				43				BOTTOM OF BORING AT 41'
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. U-E
PAGE 1 OF 2

PROJECT NO. 310-38.01
LOGGED BY: DA
DRILLER: WEST HAZMAT
DRILLING METHOD: HSA
SAMPLING METHOD: CAL MOD
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 8-4-93
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 36'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				1					ASPHALT
				2				ML	CLAYEY SILT: dark yellowish brown; <.5mm rootholes; stiff; no product odor.
				3					
				4					
	Dp	ND	14	5					
				6					
				7					
				8					
				9					
	Dp	ND	19	10				ML	SANDY SILT: dark yellowish brown; 20% very fine sand; very stiff; no product odor.
				11					
				12					
				13					
				14					
	Dp	ND	18	15				CL	SILTY CLAY: dark yellowish brown; 30-40% silt; <.5mm rootholes; very stiff; no product odor.
				16					
				17					
				18					
				19					
	Dp	ND	25	20					@19.5': 5% coarse sand; very stiff; no product odor.
				21					
				22					

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

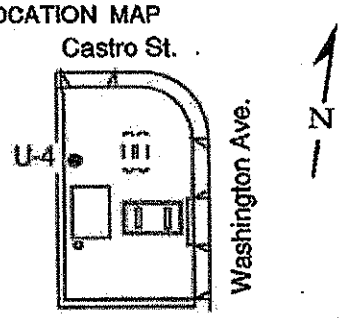
BORING NO. U-E
PAGE 2 OF 2

PROJECT NO. 310-38.01
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY / SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout				23			CL	CLAY: continued.
				24				
	Mst	ND	32	25			SC	CLAYEY SAND: brown; 30-40% clay; fine grained; 5% rounded coarse sand; <.5mm rootholes; medium dense; no to faint product odor.
				26				
				27				
				28				
				29				
	Wt	ND	38	30				@29.5': olive gray; 20-30% clay; staining in rootholes; medium dense; faint product odor.
				31				
				32				
				33				
				34				
	Sat	1.6	26	35				@34.5': same as above; no product odor.
				36				BOTTOM OF BORING AT 36'
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				

LOCATION MAP

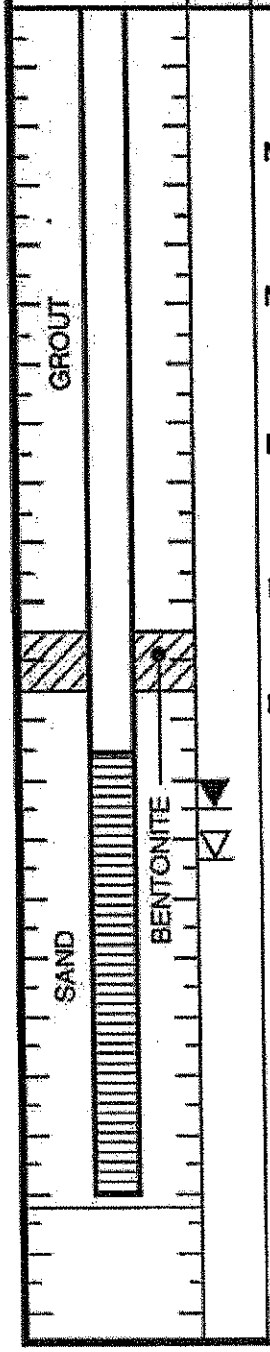


PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-4
PAGE 1 OF 1

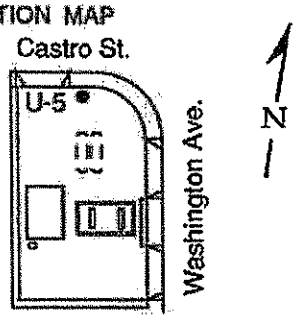
PROJECT NO. 310-038.1C
LOGGED BY: MOTO
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 X 12 SAND

CLIENT: UNOCAL
DATE DRILLED: [redacted]
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 40.5'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA



MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	SOIL TYPE	LITHOLOGY / REMARKS
			0		ASPHALT & BASEROCK
			2	CL	CLAY: very dark gray; moderate plasticity; 85% clay; 10% silt; trace fine sand; very stiff; no product odor.
Mst	0	27	4	SC	CLAYEY SAND: yellowish brown; 20% clay; 75% fine sand; trace coarse sand; medium dense; no product odor.
			6		
			8		
Mst	0	31	10	SP	SAND: dark yellowish brown; 10% silt; 85% fine sand; trace coarse sand; medium dense; no product odor.
			12		
			14		
Mst	0	30	16		@14.5': 85% fine sand; 15% subangular to subrounded gravel to 1/2" diameter; medium dense; no product odor.
			18	CL	SILTY CLAY: dark yellowish brown; low plasticity; 75% clay; 20% silt; trace fine sand; very stiff; no product odor.
Mst	0	30	20		
			22		
Mst-Wt	0	29	24	CL	CLAY: dark gray; low to moderate plasticity; 85% clay; 10% silt; trace fine sand; 0.5mm rootholes common; very stiff; no product odor.
			26		
			28		
Wt	0	29	30	SC	CLAYEY SAND: olive; 35% clay; 55% fine sand; 10% fine gravel; bluish gray mottling common; iron oxide staining along rootholes; dense; no product odor.
			32		
			34	CL	SANDY CLAY: light olive brown; low to moderate plasticity; 85% clay; 15% fine sand; pervasive bluish gray mottling; very stiff; no product odor.
Wt	0	30	36		
			38		
Wt	0	28	40	CL	SILTY CLAY: light olive brown; low to moderate plasticity; 80% clay; 15% silt; trace fine gravel; very stiff; no product odor.
			42		
			44		BOTTOM OF BORING AT 40.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

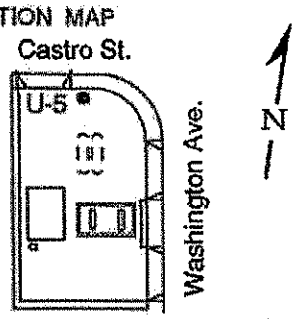
WELL NO. U-5
PAGE 1 OF 1

PROJECT NO. 310-038.1C
LOGGED BY: MOTO
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 X 12 SAND

CLIENT: UNOCAL
DATE DRILLED: 2-21-95
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 42'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				0				ASPHALT & BASEROCK
				2			CL	CLAY: very dark gray; low to moderate plasticity; 85% clay; 10% silty fines; trace fine gravel; trace roots; very stiff; no product odor.
	Mst	0	23	4				
				6			SM	SILTY SAND: dark yellowish brown; trace clay; 20% silt; 75% fine sand; 1mm vertically oriented through-going roots; medium dense; no product odor.
	Mst	0	22	8				
GROUT				10				
				12				
	Mst	0	26	14				@14': occasional 1/2" thick horizontal clay interbeds; medium dense; no product odor.
				16			CL	CLAY: strong brown; low plasticity; 80% clay; 10% fine sand; 10% fine gravel; rootholes common; very stiff; no product odor.
	Mst-Wt	0	32	18				
				20				
				22				
	Mst-Wt	0	26	24			SP	GRAVELLY SAND: dark yellowish brown; trace clay; 30% fine sand; 40% medium sand; 25% subangular gravel to 1" diameter; occasional 1/2" clay interbeds; medium dense; no product odor.
				26				
BENTONITE				28				
	Wt	0	30	30			SC	CLAYEY SAND: olive; 25% clay; 70% fine sand; 5% fine gravel; pervasive bluish gray mottling; medium dense; no product odor.
				32				
				34			CL	CLAY: light olive brown; low plasticity; 85% clay; 10% silt; trace fine sand; bluish gray mottling along 0.5mm rootholes; very stiff; no product odor.
	Wt	0	31	36				
SAND				38				
	Wt	0	40	40				@39': no recovery.
			35	42				@40': gravelly; light olive brown; low plasticity; 75% clay; 5% silt; 15-20% fine gravel; iron oxide staining common; very stiff; no product odor.
				44				BOTTOM OF BORING AT 42'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

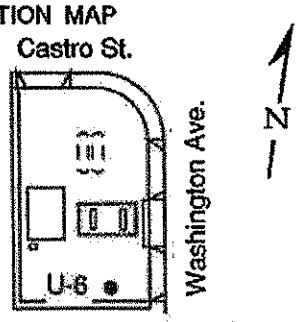
WELL NO. U-5
PAGE 1 OF 1

PROJECT NO. 310-038.1C
LOGGED BY: MOTO
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 X 12 SAND

CLIENT: UNOCAL
DATE DRILLED: 2-21-95
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 42'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	SOIL TYPE	LITHOLOGY / REMARKS
GROUT				2		ASPHALT & BASEROCK
	Mst	0	23	4	CL	CLAY: very dark gray; low to moderate plasticity; 85% clay; 10% silty fines; trace fine gravel; trace roots; very stiff; no product odor.
				6	SM	SILTY SAND: dark yellowish brown; trace clay; 20% silt; 75% fine sand; 1mm vertically oriented through-going roots; medium dense; no product odor.
	Mst	0	22	8		
				10		
	Mst	0	26	12		
				14		@14': occasional 1/2" thick horizontal clay interbeds; medium dense; no product odor.
	Mst-Wt	0	32	16	CL	CLAY: strong brown; low plasticity; 80% clay; 10% fine sand; 10% fine gravel; rootholes common; very stiff; no product odor.
				18		
				20		
				22		
BENTONITE	Mst-Wt	0	26	24	SP	GRAVELLY SAND: dark yellowish brown; trace clay; 30% fine sand; 40% medium sand; 25% subangular gravel to 1" diameter; occasional 1/2" clay interbeds; medium dense; no product odor.
				26		
				28		
SAND	Wt	0	30	30	SC	CLAYEY SAND: olive; 25% clay; 70% fine sand; 5% fine gravel; pervasive bluish gray mottling; medium dense; no product odor.
				32		
				34	CL	CLAY: light olive brown; low plasticity; 85% clay; 10% silt; trace fine sand; bluish gray mottling along 0.5mm rootholes; very stiff; no product odor.
	Wt	0	31	36		
				38		
	Wt	0	40	40		@39': no recovery.
			35	42		@40': gravelly; light olive brown; low plasticity; 75% clay; 5% silt; 15-20% fine gravel; iron oxide staining common; very stiff; no product odor.
				44		BOTTOM OF BORING AT 42'

LOCATION MAP

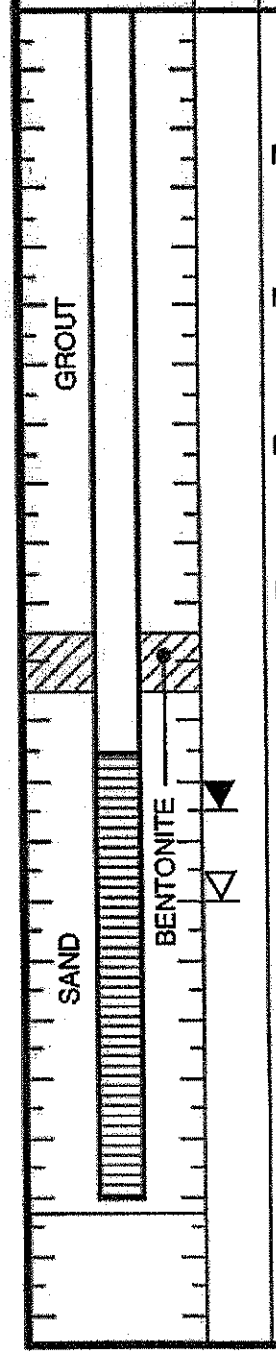


PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-6
PAGE 1 OF 1

PROJECT NO. 310-038.1C
LOGGED BY: MOTO
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 X 12 SAND

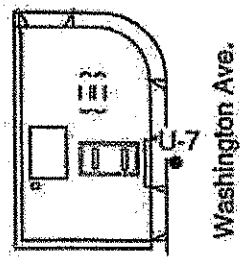
CLIENT: UNOCAL
DATE DRILLED: 2-21-95
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 40.5'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA



MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	SOIL TYPE	LITHOLOGY / REMARKS
			0		ASPHALT & BASEROCK
Mst	0	15	4	ML	SILT: dark yellowish brown; low plasticity; 15% clay; 75% silt; 10% fine sand; 1/4" roots common; stiff; no product odor.
Mst	0	24	10		@10': yellowish brown; low plasticity; trace clay; 90% silt; trace fine sand; very stiff; no product odor.
Mst	0	28	15		@15': brownish yellow; trace rootholes; very stiff; no product odor.
Mst	0	34	20		@20': sandy silt; brownish yellow; trace clay; 80% silt; 15% fine sand; trace iron oxide and manganese oxide staining; very stiff; no product odor.
Mst	0	33	24	SC	CLAYEY SAND: dark yellowish brown; 15% clay; 15% silt; 70% fine sand; trace iron oxide staining; medium dense; no product odor.
			25	CL	SANDY CLAY: dark yellowish brown; low plasticity; 75% clay; 10% silt; 15% fine sand; very stiff; no product odor.
Wt	0	29	30	SC	CLAYEY SAND: dark yellowish brown; 25% clay; 70% fine sand; 5% fine gravel; trace iron oxide staining; trace dark gray mottling; very stiff; no product odor.
			32	CL	CLAY: olive; low plasticity; 90% clay; trace silt; trace fine sand; trace manganese oxide staining; trace bluish gray mottling; iron oxide staining common; very stiff; faint product odor.
Wt	105	22	36		
Wt	0	30	40		@40': mottling color change to gray; very stiff; no product odor.
			42		BOTTOM OF BORING AT 40.5'

LOCATION MAP

Castro St.

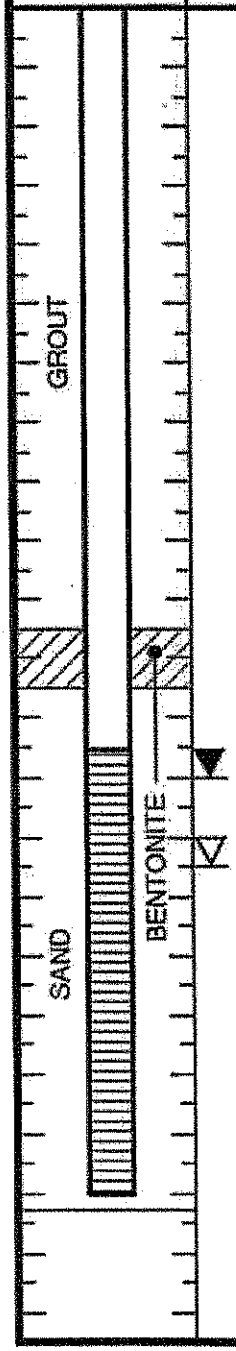


PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. U-7
PAGE 1 OF 1

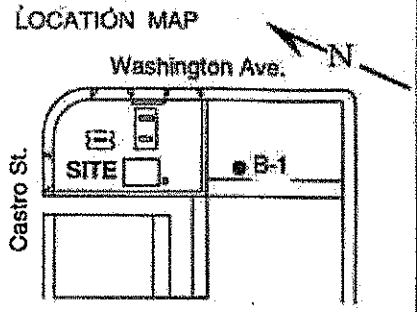
PROJECT NO. 310-038.1C
LOGGED BY: C.R.
DRILLER: MDE
DRILLING METHOD: HSA
SAMPLING METHOD: CALMOD
CASING TYPE: SCH 40 PVC
SLOT SIZE: 0.020"
GRAVEL PACK: 2 X 12 SAND

CLIENT: UNOCAL
DATE DRILLED: 2-22-95
LOCATION: 1935 Washington Ave.
HOLE DIAMETER: 8"
HOLE DEPTH: 40.5'
WELL DIAMETER: 2"
WELL DEPTH: 40'
CASING STICKUP: NA



MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	SOIL TYPE	LITHOLOGY / REMARKS
				ASPHALT & CONCRETE
Mst	0	26	CL	CLAY: dark yellowish brown; low plasticity; 90% clay; 10% silt; occasional rootholes 0.5 mm; very stiff; no product odor.
Mst	0	24	ML	SILT: light yellowish brown; low plasticity; 10% clay; 80% silt; 10% fine sand; very stiff; no product odor.
Mst	0	26	SP	SAND: light yellowish brown; 10% fines; 90% fine sand; iron oxide staining; manganese oxide; medium dense; no product odor.
Mst	0	32	CL	SANDY CLAY: dark brown; low plasticity; 60% clay; 10% silt; 25% fine sand; trace gravel <1/2"; organic matter; roots; very stiff; no product odor. @19': 70% clay; 10% sand; 20% gravel; very stiff; no product odor. @20': dark yellowish brown; low plasticity; 80% clay; 10% silt; 10% fine sand; very stiff; no product odor. @24': very stiff; no product odor.
Mst	0	28		
Wt	0	40	SP	SAND: olive brown; trace silt; 45% fine sand; 50% medium to coarse sand; very stiff; no product odor.
			CL	SANDY CLAY: light yellowish brown; low plasticity; 60% clay; 10% silt%; 30% fine sand; very stiff; no product odor.
Wt	0	25	CL	CLAY; light olive brown; low plasticity; 85% clay; trace silt; trace fine to coarse sand; trace gravel; pervasive blue gray mottling; very stiff; no product odor.
Wt	0	24		@40': light yellowish brown; low to moderate plasticity; 90% clay; trace silt; trace fine sand; 0.5mm rootholes; manganese oxide specks; trace gray mottling around rootholes; very stiff; no product odor. BOTTOM OF BORING AT 40.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

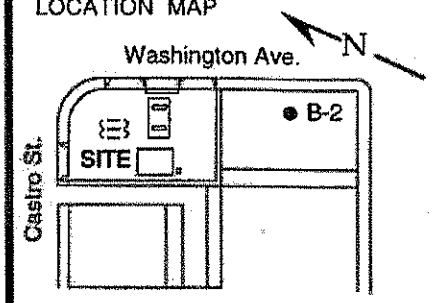
BORING NO. [redacted]
PAGE 1 OF 1

PROJECT NO. 311-038.1B
LOGGED BY: A.J.M.
DRILLER: EN PROBE
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 7-22-97
LOCATION: 1935 Washington St.
HOLE DIAMETER: 2"
HOLE DEPTH: 35.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp			2	CL	ASPHALT; CONCRETE; BASE COARSE SILTY CLAY: sandy; medium brown; no to low plasticity; 80-90% fines; 10-20% sand; no product odor.
	Mst	0		6	ML	SILT: medium brown; no plasticity; 95-100% silt; no product odor.
	Mst	0		10		
	Mst	0		16	SC	SILTY CLAYEY SAND: medium brown; no plasticity; 10-30% silt and clay; 70-90% sand; no product odor.
				18	CL	SANDY CLAY: medium brown; moderate plasticity; 80-90% clay; 10-20% sand; no product odor.
				20	ML	CLAYEY SILT: medium brown; low plasticity; 95-100% fines; no product odor.
	Mst	0		26	CL	SILTY SANDY CLAY: medium brown; low to medium plasticity; 90-95% fines; 5-10% sand; no product odor.
	Sat	0		30	SM	SILTY SAND: medium brown; no plasticity; 5-10% silt; 90-95% fine grained sand; no product odor.
				35.5		BOTTOM OF BORING AT 35.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. B-2
PAGE 1 OF 2

PROJECT NO. 311-038.1B
LOGGED BY: A.J.M.
DRILLER: EN PROBE
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 7-22-97
LOCATION: 1935 Washington St.
HOLE DIAMETER: 2"
HOLE DEPTH: 46.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp			2			CL	ASPHALT; CONCRETE; BASE COARSE SILTY CLAY: sandy; medium brown; low plasticity; 80-90% silt and clay; 10-20% sand; no product odor.
	Mst	0		6			SC	SILTY CLAYEY [illegible]: medium brown; low to moderate plasticity; 20-30% silt and clay; 70-80% sand; no product odor.
	Mst	0		10			SP	SAND: medium to yellowish brown; no plasticity; 90-100% very fine to fine grained sand; no product odor.
	Mst	0		16				@15': medium brown; no plasticity; 90-100% coarse to fine grained sand; no product odor.
	Mst	0		20				@20': medium brown; no plasticity; 90-100% fine to medium grained sand; no product odor.
	Mst	0		26			CL	SILTY CLAY: dark brown; low to moderate plasticity; 95-100% silt and clay; dense.
	Sat	0		30				@30': yellow to medium brown; low to moderate plasticity; 95-100% silt and clay.
	Mst	0		36				@35': yellow to medium brown; low to moderate plasticity; 95-100% silt and clay; trace sand.
	Mst	0		40				

LOCATION MAP

See Page One

PACIFIC ENVIRONMENTAL GROUP, INC.

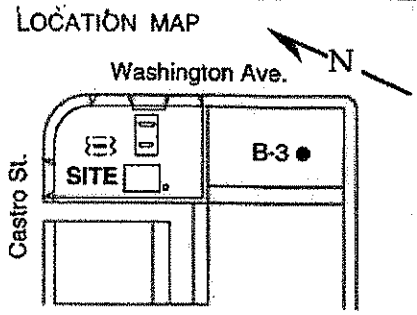
BORING NO. B-2
PAGE 2 OF 2

PROJECT NO. 311-038.1B
LOGGED BY:
DRILLER:
DRILLING METHOD:
SAMPLING METHOD:
CASING TYPE:
SLOT SIZE:
GRAVEL PACK:

CLIENT: UNOCAL
DATE DRILLED:
LOCATION:
HOLE DIAMETER:
HOLE DEPTH:
WELL DIAMETER:
WELL DEPTH:
CASING STICKUP:

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dp	NT		46				SP	SAND: poorly graded; no plasticity.
				48					BOTTOM OF BORING AT 46.5'
				50					
				52					
				54					
				56					
				58					
				60					
				62					
				64					
				66					
				68					
				70					
				72					
				74					
				76					
				78					
				80					
				82					
				84					
				86					
				88					

LOCATION MAP



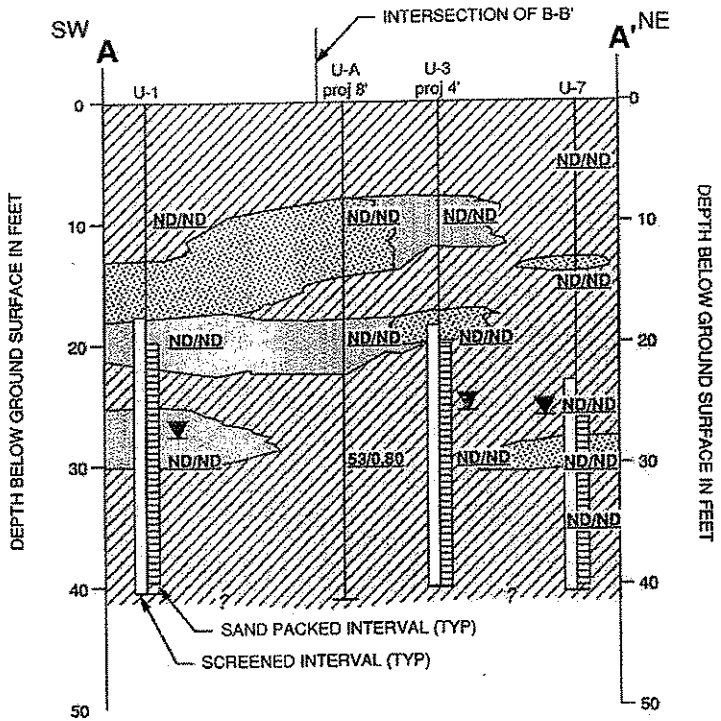
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. [redacted]
PAGE 1 OF 1

PROJECT NO. 311-038.1B
LOGGED BY: A.J.M.
DRILLER: EN PROBE
DRILLING METHOD: GEOPROBE
SAMPLING METHOD: GEOPROBE
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: UNOCAL
DATE DRILLED: 7-22-97
LOCATION: 1935 Washington St.
HOLE DIAMETER: 2"
HOLE DEPTH: 32'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Grout	Dp			2			CL	ASPHALT; CONCRETE; BASE COARSE SILTY CLAY: sand; medium brown; low to moderate plasticity; 80-90% silt and clay; 10-20% sand; no product odor.
	Dp-Mst	0		4				
				6			ML	SILT: light to medium brown; low plasticity; no product odor.
				8				
				10			SM	SILT[redacted] light to medium brown brown; low plasticity; 85-95% fine grained sand; 5-15% silt; no product odor.
	Mst	0		12				
				14			ML	SANDY SILT: clayey; light to medium; low plastiicty; trace mica; no product odor.
	Dp-Mst	0		16				
				18				
				20				@20': light to medium brown; low plasticity; no product odor.
	Mst	0		22				
				24			CL	SILTY CLAY: medium to dark brown; low to moderate plasticity; no product odor.
	Mst	0		26				
				28				
	Wt-Sat	0		30				[redacted] medium brown; low plasticity; no product odor.
				32				BOTTOM OF BORING AT 32'
				34				
				36				
				38				
				40				
				42				
				44				



LEGEND

- FINE GRAINED DEPOSITS - CLAY AND SILT
- MEDIUM GRAINE DEPOSITS - SILTY, CLAYEY SAND
- COARSE GRAINED DEPOSITS - SAND
- U-1 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- U-A SOIL BORING LOCATION AND DESIGNATION
- proj PROJECTED ONTO LINE OF SECTION IN FEET
- ▼ STATIC GROUNDWATER LEVEL
- 53/0.80 TPH-g/BENZENE CONCENTRATION IN SOIL, IN PARTS PER MILLION, 8-4-93, 8-5-93 and 2-21-95
- ND NOT DETECTED

PACIFIC ENVIRONMENTAL GROUP, INC.

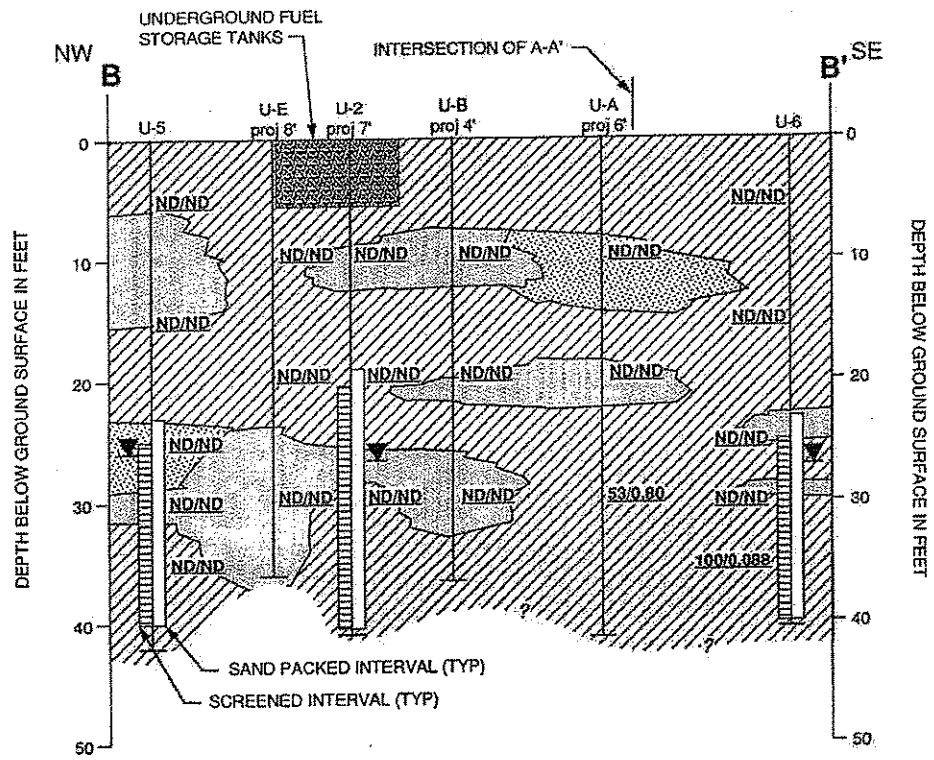
SCALE

HORIZONTAL : 1" = 30'
VERTICAL : 1" = 10'

UNOCAL SERVICE STATION 5430
1935 Washington Avenue at Castro Street
San Leandro, California

GEOLOGIC CROSS-SECTION A-A'

FIGURE:
3
PROJECT:
310-038.1C



LEGEND

- TANK BACKFILL
- FINE GRAINED DEPOSITS - CLAY AND SILT
- MEDIUM GRAINE DEPOSITS - SILTY, CLAYEY SAND
- COARSE GRAINED DEPOSITS - SAND
- U-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- U-A SOIL BORING LOCATION AND DESIGNATION
- proj PROJECTED ONTO LINE OF SECTION IN FEET
- STATIC GROUNDWATER LEVEL
- 53/0.80 TPH-g/BENZENE CONCENTRATION IN SOIL, IN PARTS PER MILLION, 8-4-93, 8-5-93 and 2-21-95
- ND NOT DETECTED

PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
HORIZONTAL : 1" = 30'
VERTICAL : 1" = 10'

UNOCAL SERVICE STATION 5430
1935 Washington Avenue at Castro Street
San Leandro, California

GEOLOGIC CROSS-SECTION B-B'

FIGURE: 4
PROJECT: 310-038.1C