

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 30, 2008

Ms. Janet Heikel
Olympian Oil
2000 Alameda de Las Pulgas, Suite 242
San Mateo, CA 94403

Mr. Ruben Hausauer
Ruben & Catherine Hausauer Trust
2672 Warwick Place
Hayward, CA 94542

Subject: Fuel Leak Case Number RO0002516, Olympian #975, 8515 San Leandro Street, Oakland, CA.

Dear Ms. Heikel and Mr. Hausauer:

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 soil contamination of TPH_{mo} at a concentration of 238 ppm was left in place near the dispenser island, and TRPH at a concentration of 80 ppm was left in place near the oil water separator tank.
- Residual TPH_g, TPH_d and MtBE were detected in groundwater at concentrations of up to 71 ppb, 69 ppb and 79 ppb, which exceed the ESLs in groundwater as a potential drinking water source.

If you have any questions, please call Steven Plunkett at (510) 383-1767. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:

ALAMEDA COUNTY
HEALTH CARE SERVICES



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DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
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1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
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June 26, 2008

Ms. Janet Heikel
Olympian Oil
2000 Alameda de Las Pulgas, Suite 242
San Mateo, CA 94403

Mr. Ruben Hausauer
Ruben & Catherine Hausauer Trust
2672 Warwick Place
Hayward, CA 94542

REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Fuel Leak Case Number RO0002516, Olympian #975, 8515 San Leandro Street, Oakland, CA.

Dear Ms. Heikel and Mr. Hausauer:

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

Ms. Heikel and Mr. Hausauer
June 25, 2008
Page 2

1. Remedial Action Completion Certificate
2. Case Closure Summary

cc: Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Steven Plunkett (w/orig enc), D. Drogos (w/enc), R. Garcia (w/enc)

**CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM**

I. AGENCY INFORMATION

Date: June 12, 2008

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 383-1767
Responsible Staff Person: Steven Plunkett	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Olympian #975		
Site Facility Address: 8515 San Leandro Blvd., Oakland CA		
RB Case No.: ---	Local Case No.: ---	LOP Case No.: RO0002516
URF Filing Date: 06/01/1987	Global ID No.: T06019725636	APN: 42-4310-17
Responsible Parties	Addresses	Phone Numbers
Janet Heikel, Olympian Oil	Olympian Oil 1300 Industrial Road, Suite 2 San Carlos, CA94070	650-596-8950
Ruben and Catherine Hausauer	Hausauer Trust 2672 Warwick Place Hayward, CA 94542-1246	---

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	12,000 gallons	Gasoline	Operating Station	NA
2	5,000 gallons	Gasoline	Operating Station	NA
3	8,000 gallon	Gasoline	Operating Station	NA
4	15,000	Diesel	Operating Station	NA
Piping			Operating Station	NA

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ---	
Monitoring wells installed? No	Number: 0	Proper screened interval? NA
Highest GW Depth Below Ground Surface: 8.5	Lowest Depth: 8.5	Flow Direction: Northwest
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: A well survey was conducted within a ½ mile radius of the site, and according to California Department of Water Resources and Alameda County Department of Public Works records no municipal or irrigation wells are located within 2000 feet of the site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Temescal Creek is approximately 3000 feet east of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Not Applicable	---	---
Piping	Not Applicable	---	---
Free Product	Not Applicable	---	---
Soil	Not Applicable	---	---
Groundwater	Not Applicable	---	---

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

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	<1.0	<1.0	71	71
TPH (Diesel)	<1.0	<1.0	69	69
TPH (Motor Oil)	238	238	<500	Not Analyzed
TRPH	80	80	Not Analyzed	Not Analyzed
Benzene	<0.002	<0.002	<0.5	<0.5
Toluene	<0.002	<0.002	<0.5	<0.5
Ethylbenzene	<0.002	<0.002	<0.5	<0.5
Xylenes	<0.002	<0.002	<0.5	<0.5
MTBE	0.012	0.012	79	79
Lead	<0.002	<0.002	<0.5	<0.5

Other VOCs (groundwater ppb): < 5 ppb TBA, <0.5 ppb DIPE, <0.5 ppb ETBE, <0.5 ppb TAME, <0.5 ppb EDB, <0.5 ppb 1,2-DCA, <250 ppb EtOH
 Other VOCs (Soil ppm): < 0.05 ppm TBA, <0.005 ppm DIPE, <0.005 ppm ETBE, <0.005 ppm TAME, <0.005 ppm EDB, <0.005 ppm 1,2-DCA, <0.250 ppm EtOH

Site History and Description of Corrective Actions:

The site is an active fuel-card-lock diesel and gasoline service station currently operated by Nella Oil Company in a commercial/industrial area in the city of Oakland. In June 1994, a Phase I environmental site assessment and a Limited Phase II site investigation was completed. Seven shallow soil borings were installed to 15 feet bgs; however, soil samples from soil borings B5 and B6 were submitted as a composite sample. Analytical results from shallow soil (5 feet bgs) collected during the limited investigation did not detect petroleum hydrocarbon contamination above laboratory reporting limits in either soil or groundwater. In addition grab groundwater samples collected from two soil borings did not detect contamination above laboratory detection limits.

In May 2002, as part of a property transaction screen, an additional limited site assessment was completed to evaluate subsurface conditions beneath the site. In total, seven shallow soil borings were installed to 5 feet bgs and detectable amounts of total recoverable petroleum hydrocarbon (TRPH), total petroleum hydrocarbon as motor oil (TPH motor oil) and methyl-tert-butyle-ether (MtBE) were detected at maximum concentrations of up to 80 ppm, 238 ppm and 0.012 ppm in soil, respectively. A grab groundwater sample collected adjacent to the USTs, at 7 feet bgs revealed detectable amounts of MtBE at concentrations of up to 7 ppb, while TPHg, TPHd and BTEX were not detected above laboratory reporting limits.

In August 2007, additional site characterization activities were completed and five shallow soil borings were installed to a depth of 10 feet bgs. in order to evaluate dissolved phase petroleum hydrocarbon contamination beneath the site. Results from the investigation confirmed that dissolved phase petroleum hydrocarbon contamination is present in groundwater at concentrations of up to 71 ppb TPHg, 69 ppb TPHd and 79 ppb MtBE.

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 the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination posing a nuisance for subsurface utility work.		
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: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <ul style="list-style-type: none"> Residual soil contamination of TPHmo at a concentration of 238 ppm was left in place near the dispenser island, and TRPH at a concentration of 80 ppm was left in place near the oil water separator tank. The residual contamination does not pose a hazard to the current commercial use of the site or to groundwater resources in the area. Additionally, residual TPHg, TPHd and MtBE were detected in groundwater at concentrations of up to
--



71 ppb, 69 ppb and 79 ppb, which exceed the ESLs where groundwater is a potential drinking water source. The concentrations of TPHg, TPHd and MtBE are expected to decrease over time as a result of biodegradation and natural attenuation processes.

- Soil boring were installed to shallow depth and all analysis performed on shallow soil samples were collected from above the UST invert.
- Geologic cross sections depict incorrect soil boring depths for some locations.

Conclusion:

Alameda County Environmental Health staff consider that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site based on the current commercial use of the site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

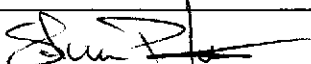
Prepared by: Steven Plunkett	Title: Hazardous Materials Specialist
Signature: 	Date: 06/19/08
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: 	Date: 06/19/08

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

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date:

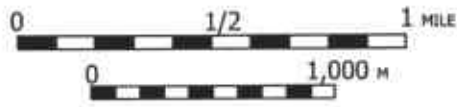
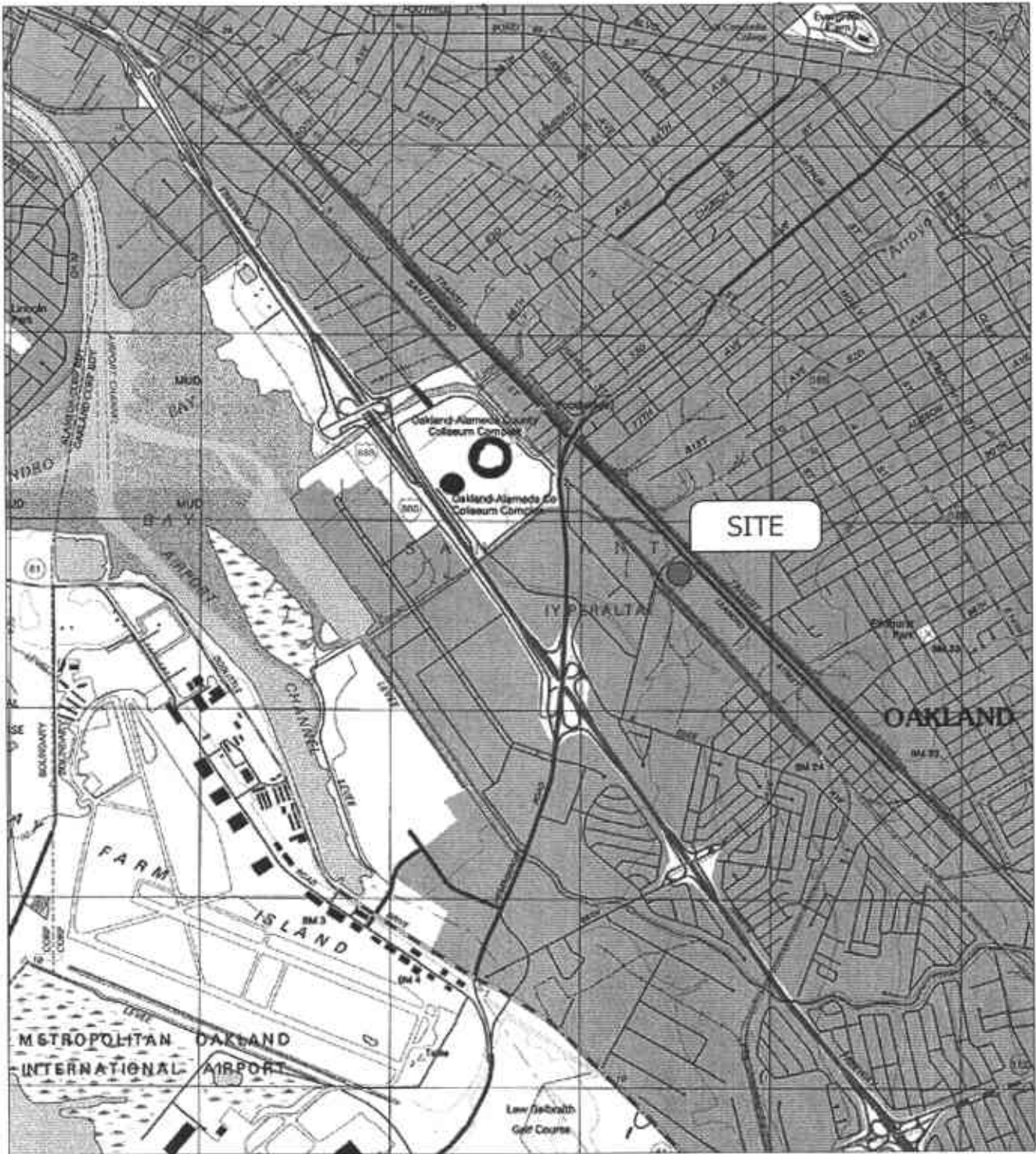
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: ---	Date of Well Decommissioning Report: ---	
All Monitoring Wells Decommissioned: ---	Number Decommissioned: ---	Number Retained: ---
Reason Wells Retained: No monitoring wells installed		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: 	Date: 6/19/08	

Attachments:

1. Site Vicinity Map
2. Site Plan Map
3. Geologic Cross Sections (2 pages)
4. Soil Sample Location Map and Analytical Data (2 pages)
5. Groundwater Sample Location Map and Analytical Data (2 pages)
6. Boring Logs (19 pages)

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.



TEC
ACCUTITE

262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

DATE:
03/23/2006

MAP SOURCE:
TOPO!

BID NO:

DRAWN BY: LC



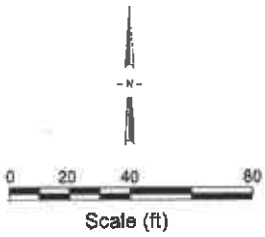
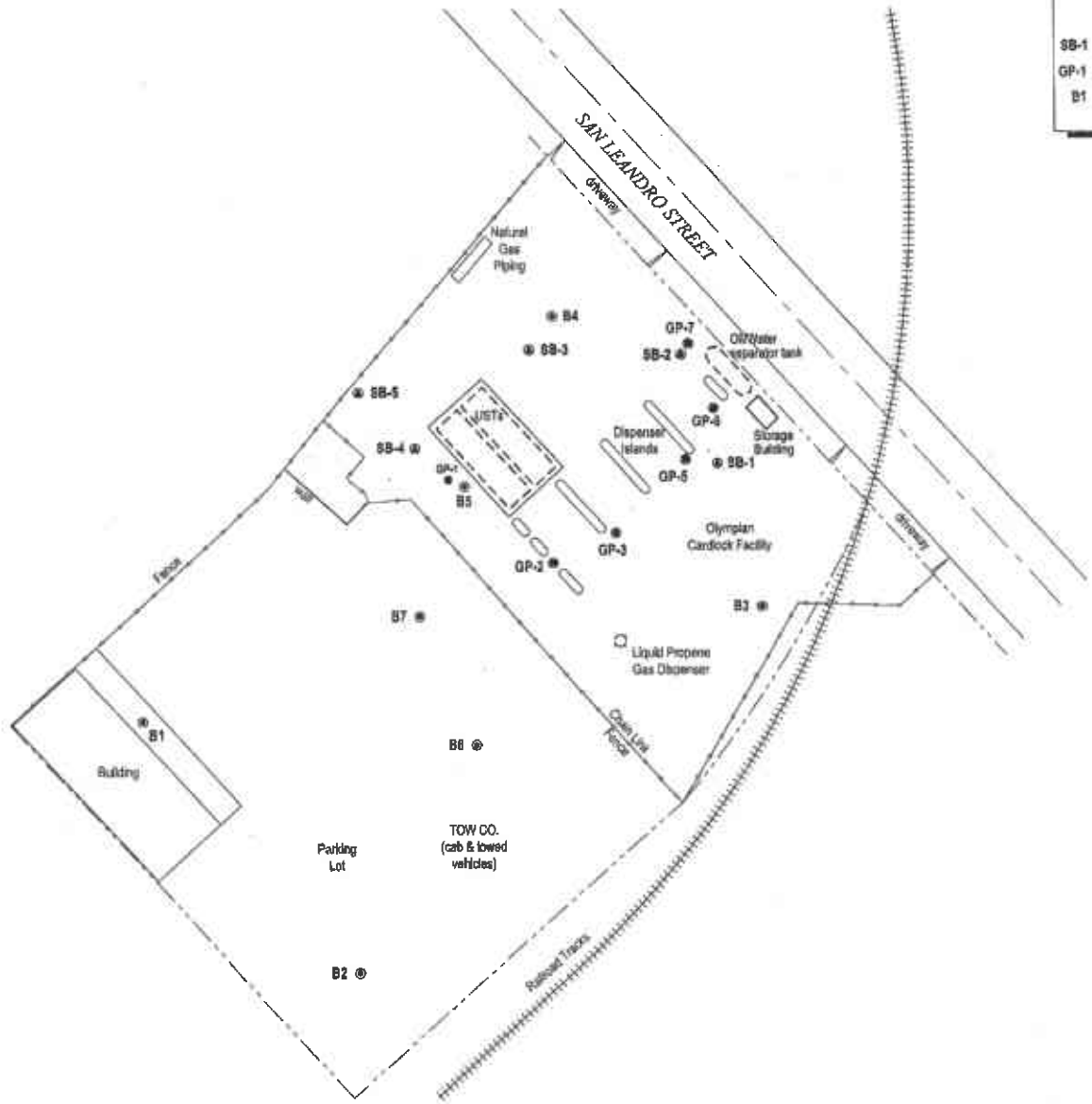
FIGURE:
1

Vicinity Map

SITE:
8515 San Leandro Street
Oakland, California

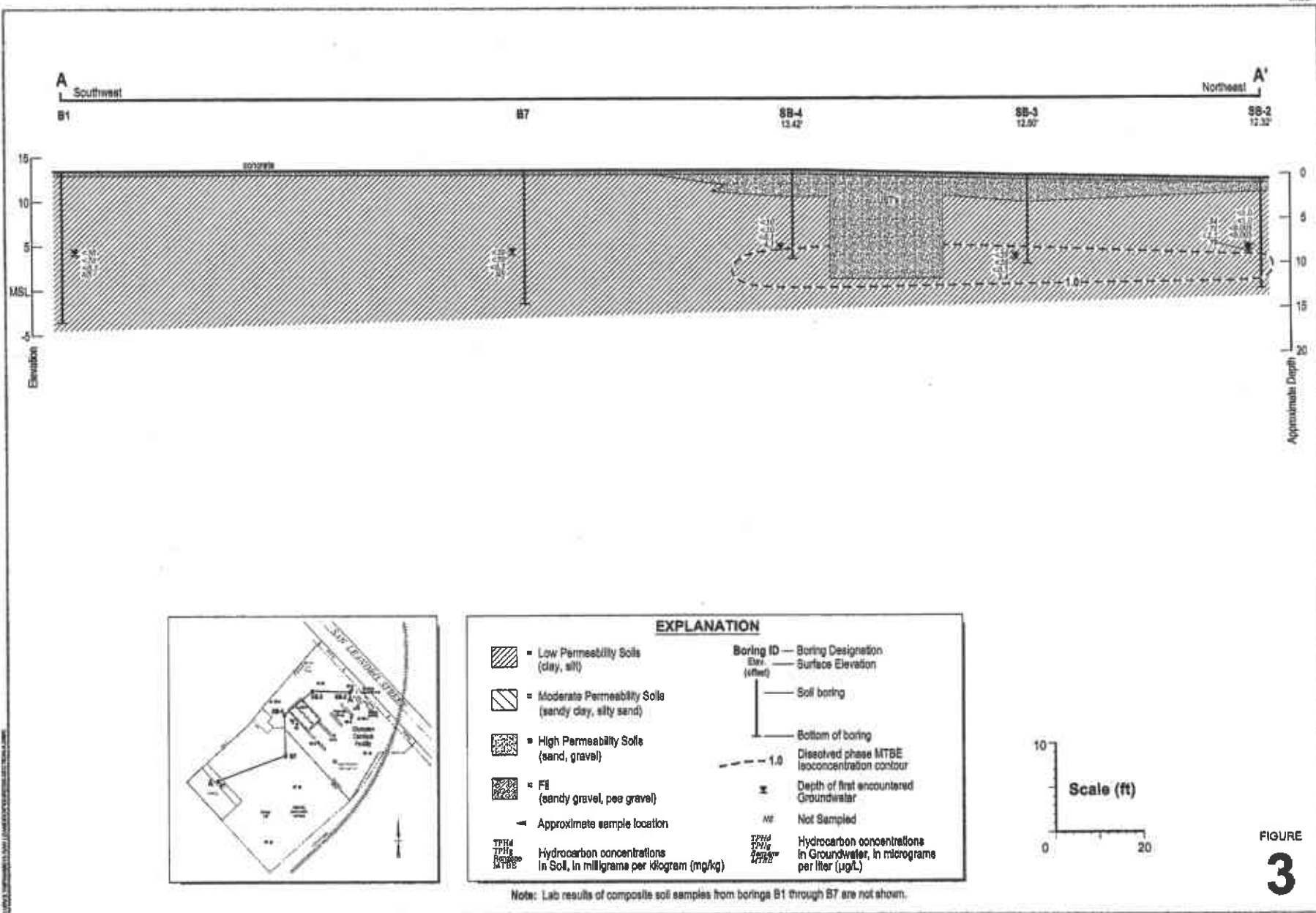
EXPLANATION

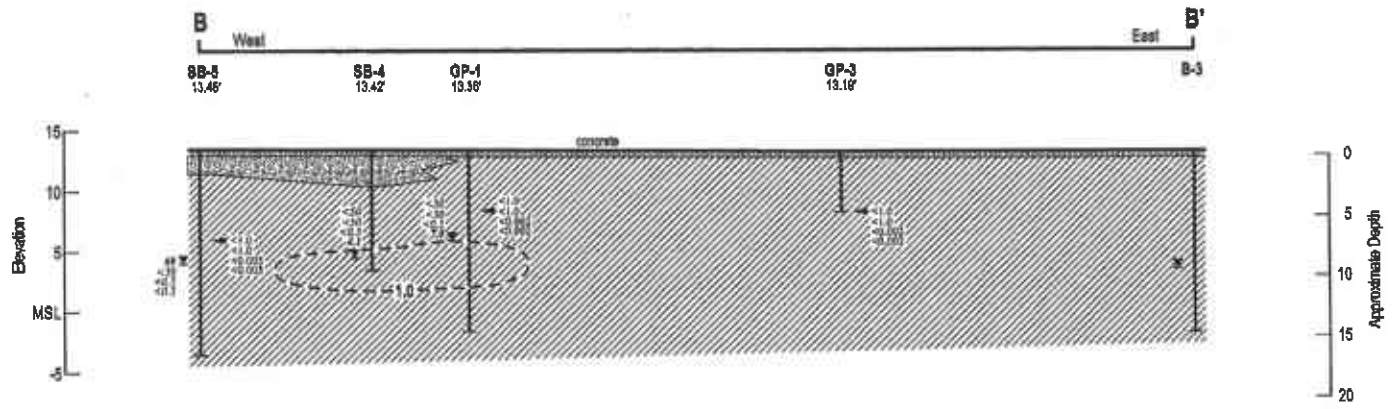
- SB-1 ● Soil boring location (GRA, 2007)
- GP-1 ● Soil boring location (GHH Eng., 2000)
- B1 ● Soil boring location (Artesian Env., 1994)



Revised modified from drawing provided by Megh Chatter Surveying

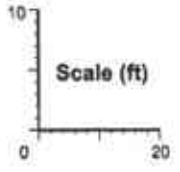
FIGURE 2





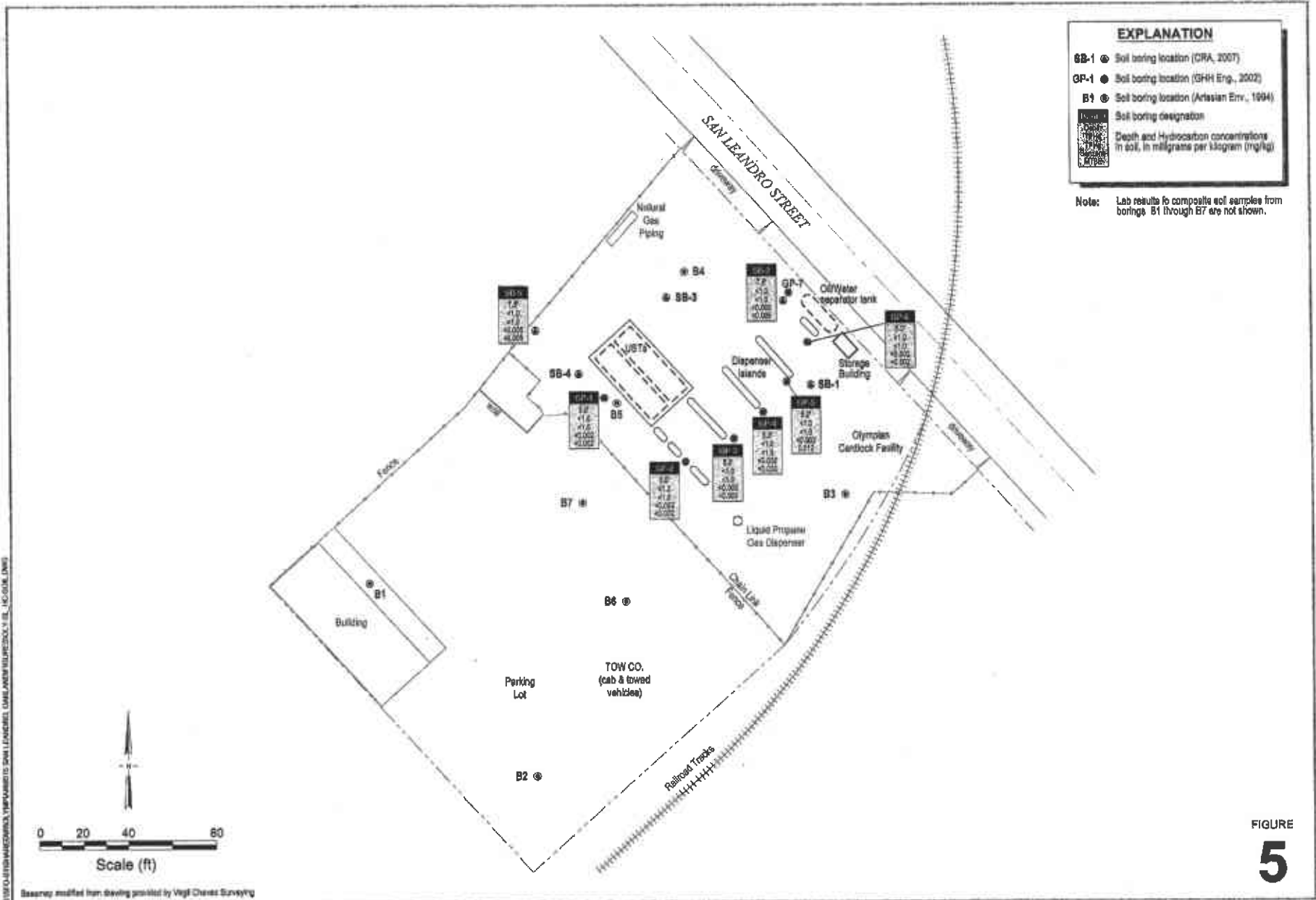
EXPLANATION

	Low Permeability Soils (clay, silt)		Boring ID — Boring Designation
	Moderate Permeability Soils (sandy clay, silty sand)		Elev. — Surface Elevation
	High Permeability Soils (sand, gravel)		Soil boring
	FI (sandy gravel, pea gravel)		Bottom of boring
	Approximate sample location		1.0 Dissolved phase MTBE isooconcentration contour
	Hydrocarbon concentrations in Soil, in milligrams per kilogram (mg/kg)		Depth of first encountered Groundwater
			Hydrocarbon concentrations in Groundwater, in micrograms per liter (µg/L)



Note: Lab results of composite soil samples from borings B1 through B7 are not shown.

FIGURE
4



Hydrocarbon Concentrations in Soil

ATTACHMENT 4



CONESTOGA-ROVERS & ASSOCIATES

Olympian Cardlock Facility

8516 San Leandro Street
Oakland, California

FIGURE 5

BASE MAP MODIFIED FROM DRAWING PROVIDED BY VEGLI CONSULTING SURVEYING

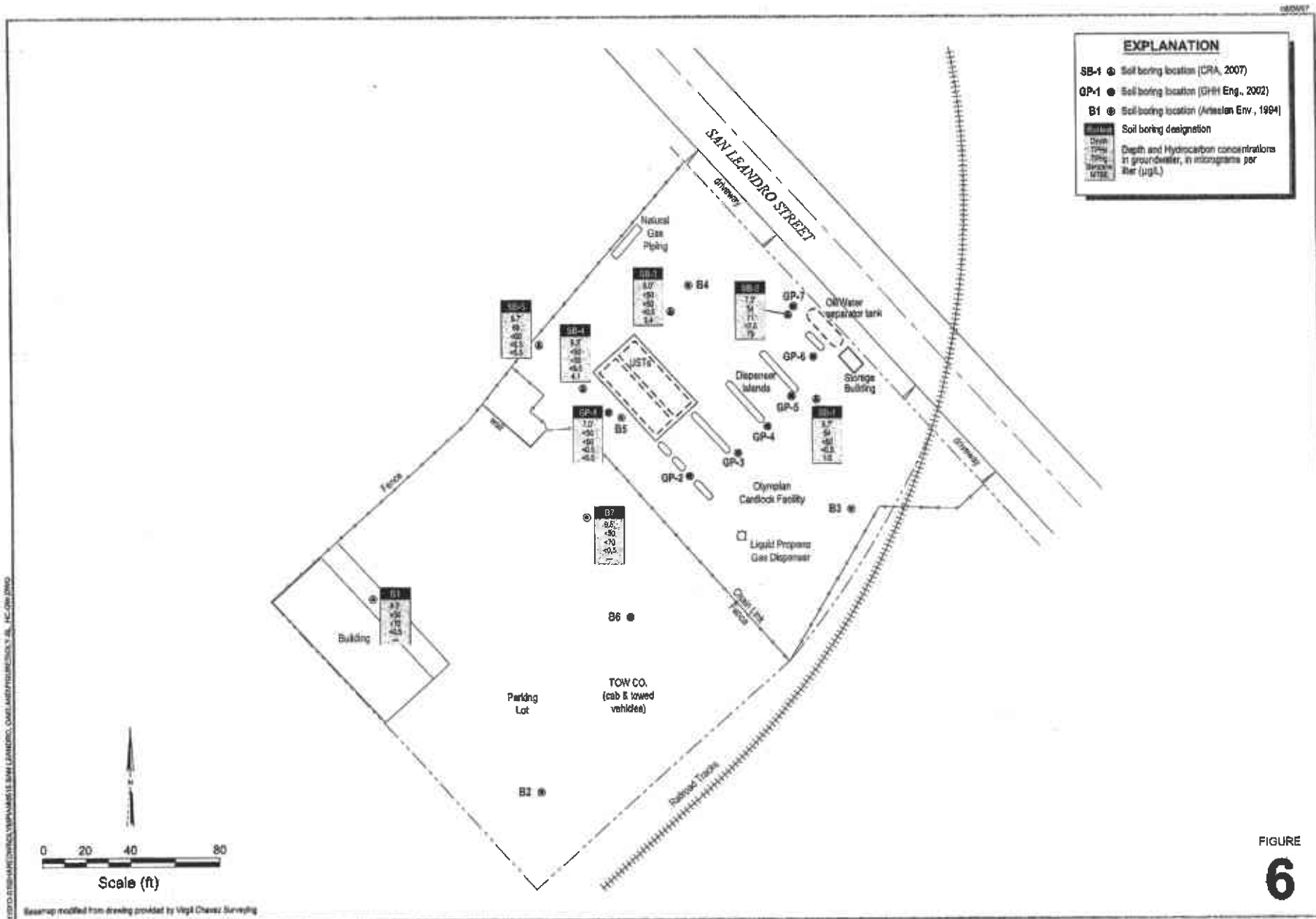


FIGURE
6

Hydrocarbon Concentrations
In Groundwater



Olympian Cardlock Facility
8515 San Leandro Street
Oakland, California

Conestoga-Rovers & Associates

Table 1. Soil Analytical Data - Olympian Cardlock Facility, 8515 San Leandro Street, Oakland, CA

Sample ID	Date	Depth (ft bgs)	TPHd	TPHmo	TPHg	TRPH	Oil & Grease	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Ethanol
Soil Borings																			
B1/B2/B3/B4/B7	05/25/94	5	<30	--	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	<0.005	--
B5/B6 (comp)	05/26/94	5	--	--	--	--	<30	--	--	--	--	--	--	--	--	--	--	--	--
GP1	05/15/02	5	<1.0	<10	<1.0	--	--	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.010	<0.002	<0.002	<1.0
GP2	05/15/02	5	<1.0	<10	<1.0	--	--	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.010	<0.002	<0.002	<1.0
GP3	05/15/02	5	<1.0	<10	<1.0	--	--	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.010	<0.002	<0.002	<1.0
GP4	05/15/02	5	<1.0	<10	<1.0	--	--	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.010	<0.002	<0.002	<1.0
GP5	05/15/02	5	<1.0	<10	<1.0	--	--	<0.002	<0.002	<0.002	<0.002	0.012	<0.005	<0.005	<0.005	<0.010	<0.002	<0.002	<1.0
GP6	05/15/02	5	<1.0	238	<1.0	--	--	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	<0.010	<0.002	<0.002	<1.0
GP7	05/14/02	5	--	--	--	80	--	--	--	--	--	--	--	--	--	--	--	--	--
SB-2	6/5/2007	7.5	<1.0	--	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.25
SB-3	6/6/2007	7.5	<1.0	--	<1.0	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.25

Notes:

TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method SW8015C.
 TPHmo = Total petroleum hydrocarbons as motor oil analyzed by modified EPA Method SW8015C.
 TPHg = Total petroleum hydrocarbons as gasoline analyzed by modified EPA Method SW8015C.
 TRPH = Total Recoverable Petroleum Hydrocarbons analyzed by EPA Method 1664.

Oil & Grease analyzed by EPA Method 5520.

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method SW8260B.

DIPE, ETBE, TAME, TBA, EDB, and 1,2-DCA = Di-isopropyl ether, ethyl tertiary-butyl ether, tertiary-amyI methyl ether, tertiary butyl alcohol, ethylene dibromide, and 1,2-dichloroethane analyzed by EPA Method SW8260B.

Ethanol analyzed by EPA Method SW8260B.

1994 data collected by Arctian Environmental

2002 data collected by GHH Engineering

mg/kg: milligrams per kilogram

-- Indicates sample was not analyzed for the specific analyte

Conestoga-Rovers & Associates

Table 2. Groundwater Analytical Data - Olympian Cardlock Facility, 8515 San Leandro Street, Oakland, CA

Sample ID	Date	Depth (ft bgs)	TPHd	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE	µg/L							
										DIPE	ETBE	TAME	TBA	EDB	1,2-DCA	Ethanol	
Grab Groundwater Samples																	
WB1	5/25/1994	9.5	<50	<70	<0.5	<0.5	<0.5	<0.8	--	--	--	--	--	--	--	--	
WB7	5/26/1994	9.5	<50	<70	<0.5	<0.5	<0.5	<0.8	--	--	--	--	--	--	<2.0	--	
GP1	5/15/2002	7	<50	<50	<0.5	<0.5	<0.5	<0.5	7.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<1,000	
SB-1	6/5/2007	6.7	64 ^b	<50	<0.5	<0.5	<0.5	<0.5	1.0	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	
SB-2	6/5/2007	7.2	54 ^b	71 ^f	<2.5	<2.5	<2.5	<2.5	79	<2.5	<2.5	20	<25	<2.5	<2.5	<250	
SB-3	6/6/2007	8.0	<50	<50	<0.5	<0.5	<0.5	<0.5	2.4	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	
SB-4	6/5/2007	9.3	<50	<50	<0.5	<0.5	<0.5	<0.5	4.1	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	
SB-5	6/6/2007	8.7	69 ^{b,g}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<50	

Notes:

-- = Not Applicable

<n = Not detected in sample above n µg/L

TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method SW8015C with silica gel cleanup, and without silica gel cleanup in parenthesis

TPHmo = Total petroleum hydrocarbons as motor oil analyzed by modified EPA Method SW8015C with silica gel cleanup, and without silica gel cleanup in parenthesis.

TPHg = Total petroleum hydrocarbons as gasoline analyzed by modified EPA Method SW8015C.

Benzene, Toluene Ethylbenzene and xylenes, Ethanol, and Methanol analyzed by EPA Method 8260B.

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method SW8260B

DIPE, ETBE, TAME, TBA, EDB, and 1,2-DCA = Di-isopropyl ether, ethyl tertiary-butyl ether, tertiary-aryl methyl ether, tertiary butyl alcohol, ethylene dibromide, and 1,2-dichloroethane analyzed by EPA Method SW8260B

1994 data collected by Artesian Environmental

2002 data collected by GHH Engineering

b = diesel range compounds are significant

f = one to a few isolated non-target peaks present

g = oil range compounds are significant

LOG DETAILS: BORING B1

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street
CITY, STATE: Oakland, California

SITE NAME: Olympian
CLIENT: Olympian

ARTESIAN JOB NO.: 136-001-02
PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94
DATE COMPLETED: 5-26-94
LOGGED BY: T. Fortner
DRILLING CO.: Artesian
DRILLER: J. Taylor
INSPECTOR: NA
MW KEY / CVR ACC: NA

RIG TYPE: Direct Push
DRILL TOOLS: Geoprobe
SAMPLING METH.: Probe Drive
HAMMER WT.: NA
DROP (in.): NA
WELL DEV.: NA
WELL COVER: NA

BORING DIA (in.): 1.4"
CASING TYPE / SIZE: NA
SLOT INTER.: NA
SAND TYPE: NA
FIRST WATER: -9.5
STATIC WATER: NA
GROUT PLACEMENT: Gravity

TOTAL DEPTH: 17.0
BAGS SAND: NA
SAND INTER.: NA
BAGS BENTON.: 3%
BENT. INTER.: 0.5
BAOS GROUT: 0.5
GROUT INTER.: 0 - TD

NOTES: Water recharged well.



First water level
Sample location

ARTESIAN ENVIRONMENTAL

3100 KERNER BLVD., SUITE C • SAN RAFAEL, CA 94901
TEL (800) 959-4801; FAX (415) 257-4805

DRAWN BY TEF

DRAW DATE 5-27-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		CONCRETE: (4" thick)					
		CLAY: (ML) silty, brown					
-5			B1		0.0		
-10		CLAY: (ML) as above					
-15		CLAY: (SC) brown, fine graind sand					
							0 to TD: Bentonite (3%) cement grout seal.

LOG DETAILS: BORING B2

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street
 CITY, STATE: Oakland, California

SITE NAME: Olympian
 CLIENT: Olympian

ARTESIAN JOB NO.: 136-001-02
 PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94
 DATE COMPLETED: 5-26-94
 LOGGED BY: T. Former
 DRILLING CO.: Artesian
 DRILLER: J. Taylor
 INSPECTOR: NA
 MW KEY / CVR ACC: NA

RIG TYPE: Direct Push
 DRILL TOOLS: Geoprobe
 SAMPLING METH.: Probe Drive
 HAMMER WT.: NA
 DROP (in.): NA
 WELL DEV.: NA
 WELL COVER: NA

BORING DIA (in.): 1.4"
 CASING TYPE / SIZE: NA
 SLOT INTER.: NA
 SAND TYPE: NA
 FIRST WATER: -11.0
 STATIC WATER: NA
 GROUT PLACEMENT: Gravity

TOTAL DEPTH: 15.5
 BAGS SAND: NA
 SAND INTER.: NA
 BAGS BENTON.: 3%
 BENT. INTER.: 0.5
 BAGS GROUT: 0.5
 GROUT INTER.: 0 - 7D

NOTES: Water recharged well.



ARTESIAN ENVIRONMENTAL

3100 KERNER BLVD., SUITE C - SAN RAFAEL, CA 94901
 TEL (800) 999-4801; FAX (415) 257-4805

DRAWN BY TEF

DRAW DATE 5-31-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		CONCRETE: (4" thick)					
		CLAY: (SC) silty, brown, moist					
-5			B2		0.0		
-10							
		CLAY: (SC) as above					
-15							
							0 to TD: Bentonite (3%) cement grout seal.

LOG DETAILS: BORING B3

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street
 CITY, STATE: Oakland, California

SITE NAME: Olympian
 CLIENT: Olympian

ARTESIAN JOB NO.: 136-001-02
 PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94	RIG TYPE: Direct Push	BORING DIA (in.): 1.4"	TOTAL DEPTH: 15.0
DATE COMPLETED: 5-26-94	DRILL TOOLS: Geoprobe	CASING TYPE / SIZE: NA	BAGS SAND: NA
LOGGED BY: T. Fortner	SAMPLING METH.: Probe Drive	SLOT INTER.: NA	SAND INTER.: NA
DRILLING CO.: Artesian	HAMMER WT.: NA	SAND TYPE: NA	BAGS BENTON.: 3%
DRILLER: J. Taylor	DROP (in.): NA	FIRST WATER: -9.75	BENT. INTER.: 0.5
INSPECTOR: NA	WELL DEV.: NA	STATIC WATER: NA	BAGS GROUT: 0.5
MW KEY / CVR ACC: NA	WELL COVER: NA	GROUT PLACEMENT: Gravity	GROUT INTER.: 0 - TD

NOTES: Poor recharge



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DRAWN BY TEF

DRAW DATE 5-31-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		Topsoil: (6" thick)					
		CLAY: (SC) silty, brown					
-5			B3		0.0		
-10		CLAY: (SC) as above					
-15							0 to TD Bentonite (3%) cement seal

11111

LOG DETAILS: BORING B4

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street SITE NAME: Olympian ARTESIAN JOB NO.: 136-001-02
 CITY, STATE: Oakland, California CLIENT: Olympian PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94	RIG TYPE: Direct Push	BORING DIA (in.): 1.4"	TOTAL DEPTH: 15.0
DATE COMPLETED: 5-26-94	DRILL TOOLS: Geoprobe	CASING TYPE / SIZE: NA	BAGS SAND: NA
LOGGED BY: T. Fortner	SAMPLING METH.: Probe Drive	SLOT INTER.: NA	SAND INTER.: NA
DRILLING CO.: Artesian	HAMMER WT.: NA	SAND TYPE: NA	BAGS BENTON.: 3%
DRILLER: J. Taylor	DROP (in.): NA	FIRST WATER: -9.5	BENT. INTER.: 0.5
INSPECTOR: NA	WELL DEV.: NA	STATIC WATER: NA	BAGS GROUT: 0.5
MW KEY / CVR ACC: NA	WELL COVER: NA	GROUT PLACEMENT: Gravity	GROUT INTER.: 0 - TD

NOTES: Poor recharge



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DRAWN BY TEF

DRAW DATE 5-31-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		Topsoil: (12" thick)					
		CLAY: (SC) silty, black, medium plasticity					
-5			B4		0.0		
		CLAY: (SC) as above					0 to TD: Bentonite (3%) cement seal
-10							
-15							

LOG DETAILS: BORING B5

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street SITE NAME: Olympian ARTESIAN JOB NO.: 136-001-02
 CITY, STATE: Oakland, California CLIENT: Olympian PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94	RIG TYPE: Direct Push	BORING DIA (in): 1.4"	TOTAL DEPTH: 15.0
DATE COMPLETED: 5-26-94	DRILL TOOLS: Geoprobe	CASING TYPE / SIZE: NA	BAGS SAND: NA
LOGGED BY: T. Fortner	SAMPLING METH.: Probe Drive	SLOT INTER.: NA	SAND INTER.: NA
DRILLING CO.: Artesian	HAMMER WT.: NA	SAND TYPE: NA	BAGS BENTON.: 3%
DRILLER: J. Taylor	DROP (in): NA	FIRST WATER: NA	BENT. INTER.: 0.5
INSPECTOR: NA	WELL DEV.: NA	STATIC WATER: NA	BAGS GROUT: 0.5
MW KEY / CVR ACC: NA	WELL COVER: NA	GROUT PLACEMENT: Gravity	GROUT INTER.: 0 - TD

NOTES: Surface stain



Sample location

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DRAWN BY TEF

DRAW DATE 5-31-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		Topsoil: (4" thick) CONCRETE: (4" thick) CLAY: (ML) silty, black					0 to TD: Bentonite (3%) cement seal.
-5		CLAY: (ML) as above	B5	0.0			

10/31

LOG DETAILS: BORING B6

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street SITE NAME: Olympian ARTESIAN JOB NO.: 136-001-02
 CITY, STATE: Oakland, California CLIENT: Olympian PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94	RIG TYPE: Direct Push	BORING DIA (in.): 1.4"	TOTAL DEPTH: 15.0
DATE COMPLETED: 5-26-94	DRILL TOOLS: Geoprobe	CASING TYPE / SIZE: NA	BAGS SAND: NA
LOGGED BY: T. Fortner	SAMPLING METH: Probe Drive	SLOT INTER.: NA	SAND INTER.: NA
DRILLING CO.: Artesian	HAMMER WT.: NA	SAND TYPE: NA	BAGS BENTON.: 3%
DRILLER: J. Taylor	DROP (in.): NA	FIRST WATER: NA	BENT. INTER.: 0.5
INSPECTOR: NA	WELL DEV.: NA	STATIC WATER: NA	BAGS GROUT: 0.5
MW KEY / CVR ACC: NA	WELL COVER: NA	GROUT PLACEMENT: Gravity	GROUT INTER.: 0 - TD

NOTES:



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DRAWN BY TEF

DRAW DATE 5-31-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		Topsoil: (6" thick)					
		CLAY: (ML) silty, dark brown					
-5		CLAY: (ML) as above	B6		0.0		0 to TD: Bentonite (3%) cement seal.

1111

LOG DETAILS: BORING B7

PROJECT: Olympian Oil Co.

SITE LOCATION: 8515 San Leandro Street SITE NAME: Olympian ARTESIAN JOB NO.: 136-001-02
 CITY, STATE: Oakland, California CLIENT: Olympian PROJECT MANAGER: O. Jacobs

DATES DRILLED: 5-25-94	RIG TYPE: Direct Push	BORING DIA (in.): 1.4"	TOTAL DEPTH: 15.0
DATE COMPLETED: 5-26-94	DRILL TOOLS: Geoprobe	CASING TYPE / SIZE: NA	BAGS SAND: NA
LOGGED BY: T. Forber	SAMPLING METH.: Probe Drive	SLOT INTER.: NA	SAND INTER.: NA
DRILLING CO.: Artesian	HAMMER WT.: NA	SAND TYPE: NA	BAGS BENTON.: 3%
DRILLER: J. Taylor	DROP (in.): NA	FIRST WATER: -9.5	BENT. INTER.: 0.5
INSPECTOR: NA	WELL DEV.: NA	STATIC WATER: NA	BAGS GROUT: 0.5
MW KEY / CVR ACC: NA	WELL COVER: NA	GROUT PLACEMENT: Gravity	GROUT INTER.: 0 - TD

NOTES: Poor recharge



ARTESIAN ENVIRONMENTAL

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DRAWN BY TEF

DRAW DATE 5-31-94

DEPTH	SOIL SYMBOLS/ FIELD TEST DATA	SOIL DESCRIPTION	SAMP. #	BLOWS /6 in.	PID ppm	COMPLETION DIAGRAM	DESCRIPTION
0		CONCRETE: (8" thick)					
		CLAY: (SC) sandy, dark brown, moist					
-5			B7		0.0		0 to TD: Bentonite (3%) cement seal.
-10							
		CLAY: (SC) as above					
-15							

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-1	
Date Started: 5/15/02		Total Depth: 15'	
Date Completed: 5/15/02		Seal: NEAT CEMENT	
Installed By: CL		Checked By:	
Drilling Co.: ENPROB		from 15' to 0'	
Driller:			
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description		Lithology	Sample	Blow Counts	Remarks
	Surface Elevation					
0		CLAYEY SILT, DARK GRAY				PID (HNU)
5						20 ppm
10		SAME AS ABOVE				18 ppm
15		SAME AS ABOVE TD = 15'				10 ppm
20						
25						
30						
35						



11960 Heritage Oak Place
Auburn, CA 95603
(530) 886-3100

Project Name: NELLA DUE DILIGENCE
Project #: 5208.24

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-2	
Date Started: 5/15/02		Total Depth: 5'	
Date Completed: 5/15/02		Seal: NEAT CEMENT	
Logged By: CL		Checked By:	
Drilling Co.: ENPROB		Driller:	
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description	Lithology	Sample	Blow Counts	Remarks
	Surface Elevation				PID (HNU)
0	SANDY SILT, VERY DARK BROWN				
5	TD = 5'				0
10					
15					
20					
25					
30					
35					

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-3	
Date Started: 5/15/02		Total Depth: 5'	
Date Completed: 5/15/02		Seal: NEAT CEMENT	
Recorded By: CL		Checked By:	
Drilling Co.: ENPROB		Driller:	
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description		Lithology	Sample	Blow Counts	Remarks
	Surface Elevation					
0		SANDY SILT, VERY DARK BROWN				PID (HNU)
5		TD = 5'				1 ppm
10						
15						
20						
25						
30						
35						



ENGINEERING, INC.

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 Auburn, CA 95603
 (530) 886-3100

Project Name: NELLA DUE DILIGENCE
 Project #: 5208.24

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-4	
Date Started: 5/15/02		Total Depth: 5'	
Date Completed: 5/15/02		Seal: NEAT CEMENT	
Logged By: CL		from 5' to 0'	
Checked By:			
Drilling Co.: ENPROB	Driller:		
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description	Lithology	Sample	Blow Counts	Remarks
Surface Elevation					
0	SANDY SILT, VERY DARK BROWN				PID (HNU)
5	TD = 5'				13 ppm
10					
15					
20					
25					
30					
35					



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Project Name: NELLA DUE DILIGENCE
 Project #: 5208.24
 Page 1 of 1

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-5	
Date Started: 5/15/02		Total Depth: 5'	
Date Completed: 5/15/02		Seal: NEAT CEMENT	
Designed By: CL	Checked By:	from 5' to 0'	
Drilling Co.: ENPROB	Driller:		
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description		Lithology	Sample	Blow Counts	Remarks
	Surface Elevation					
0		SANDY SILT, VERY DARK BROWN				PID (HNU)
5		TD = 5'				21 ppm
10						
15						
20						
25						
30						
35						



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Project Name: NELLA DUE DILIGENCE
 Project #: 5208.24

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-6	
Date Started: 5/15/02		Total Depth: 5'	
Date Completed: 5/15/02		Sed: NEAT CEMENT	
Logged By: CL		Checked By:	
Drilling Co.: ENPROB		Driller:	
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description	Lithology	Sample	Blow Counts	Remarks
	Surface Elevation				
0	SANDY SILT, VERY DARK BROWN				PID (HNU)
5	TD = 5'				24 ppm
10					
15					
20					
25					
30					
35					



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Project Name: NELLA DUE DILIGENCE
 Project #: 5208.24
 Page 1 of 1

Project Location: 8515 SAN LEANDRO ST.		Log of Soil Boring No. GP-7	
Date Started: 5/15/02		Total Depth: 9'	
Date Completed: 5/15/02		Seal: NEAT CEMENT	
Designed By: CL		Checked By:	
Drilling Co.: ENPROB		Driller:	
Drilling Method: DIRECT PUSH		Drill Bit Diameter:	
Drilling Equipment: GEOPROBE		Sampler:	

Depth (feet)	Lithologic Description	Lithology	Sample	Blow Counts	Remarks
0	SANDY SILT, DARK BROWN				PID (HNU)
5					
10	TD = 9'				(NOT MEASURED)
15					
20					
25					
30					
35					












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 Auburn, CA 95603
 (530) 886-3100

Project Name: NELLA DUE DILIGENCE
 Project #: 5208.24

Connestoga-Rovers & Associates
 5900 Hollis Street, Suite A
 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG



CLIENT NAME	Olympian JV	BORING NAME	SB-1
JOB/SITE NAME	Olympian - Oakland	DRILLING STARTED	05-Jun-07
LOCATION	8515 San Leandro Street, Oakland, CA	DRILLING COMPLETED	05-Jun-07
PROJECT NUMBER	161560	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	12.66
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.25 inches	SCREENED INTERVAL	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	8.5 ft bgs (05-Jun-07) 
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA 
REMARKS	Grab groundwater sample collected using temporary PVC casing and a disposable bailer		

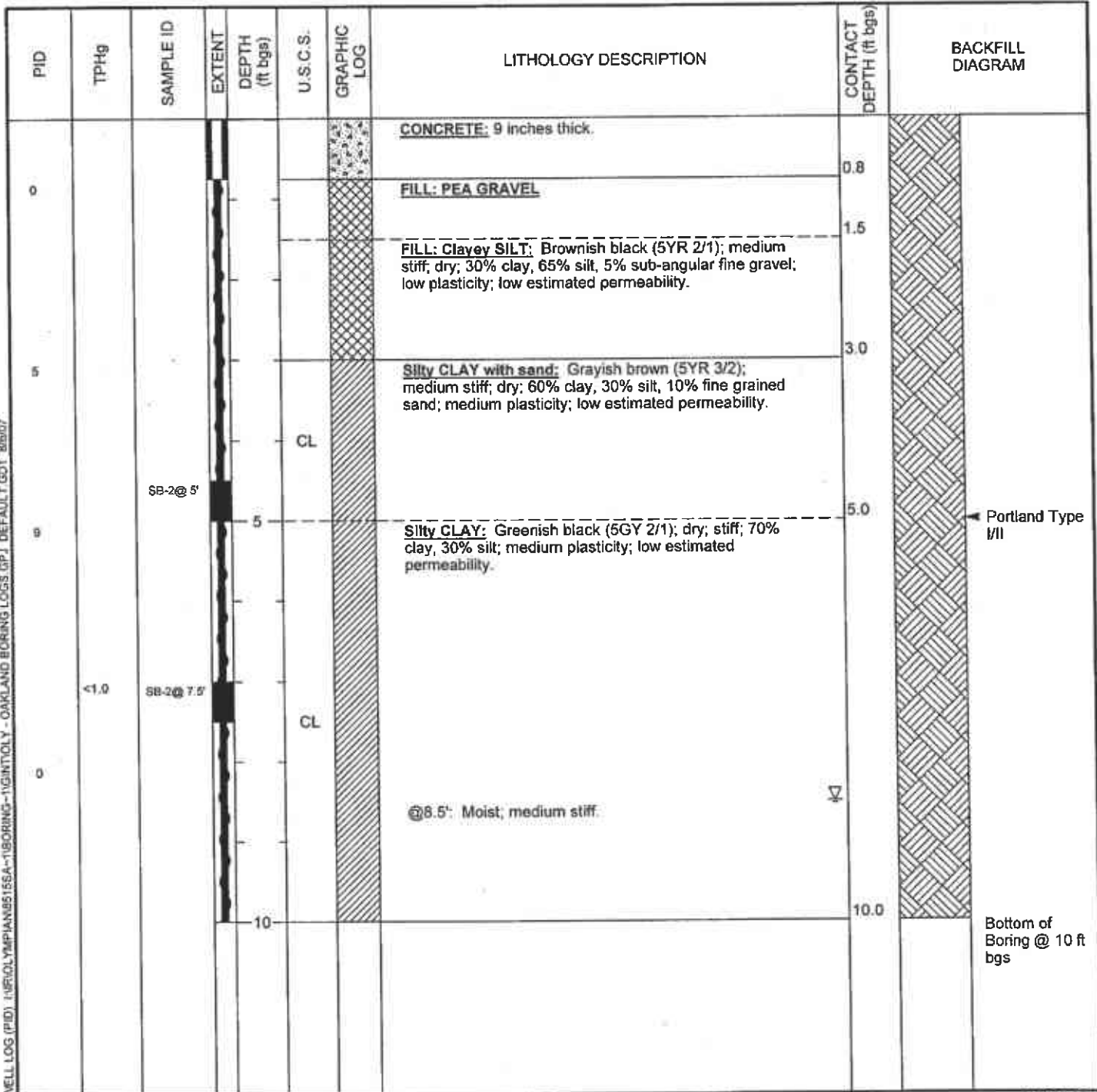
PID	TPHg	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
0							CONCRETE: 9 inches thick.	0.8	
							FILL: PEA GRAVEL	2.0	
0					ML		FILL: Silty Gravelly CLAY: Grayish brown (5YR 3/2); medium stiff, dry; 60% clay, 25% silt, 15% gravel including brick and concrete fragments; high plasticity; low estimated permeability.	4.0	
		SB-1@ 5'		5	CL		Silty CLAY: Dark yellowish brown (10YR 4/2); medium stiff, dry; 70% clay, 30% silt; medium plasticity; low estimated permeability.	6.0	
0							Silty CLAY: Dark greenish gray (5G 4/1); stiff, dry; 60% clay, 40% silt; medium plasticity; low estimated permeability.		
		SB-1@ 8'			CL		@ 8.5': Moist.	8.5	
				10				10.0	Bottom of Boring @ 10 ft bgs

WELL LOG (PID) I:\PROJECTS\55A-1\BORING-1\GINTO\LY - OAKLAND BORING LOGS GP 1 DEFAULT.GDT 8/6/07

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 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Olympian JV	BORING NAME	SB-2
JOB/SITE NAME	Olympian - Oakland	DRILLING STARTED	05-Jun-07
LOCATION	8515 San Leandro Street, Oakland, CA	DRILLING COMPLETED	05-Jun-07
PROJECT NUMBER	161550	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	12.32
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.25 inches	SCREENED INTERVAL	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	8.5 ft bgs (05-Jun-07) 
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA 
REMARKS	Grab groundwater sample collected using temporary PVC casing and a disposable bailer		



WELL LOG (PID): I:\PROJECTS\161550\161550-1\BORING-1\GINTOLOGY - OAKLAND BORING LOGS (GP) - DEFAULT.GDT 8/6/07

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 Emeryville, CA 94608
 Telephone: 510-420-0700
 Fax: 510-420-9170

SOIL BORING LOG

CLIENT NAME	Olympian JV	BORING NAME	SB-3
JOB/SITE NAME	Olympian - Oakland	DRILLING STARTED	06-Jun-07
LOCATION	8515 San Leandro Street, Oakland, CA	DRILLING COMPLETED	06-Jun-07
PROJECT NUMBER	161560	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	12.80
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.25 inches	SCREENED INTERVAL	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	9.5 ft bgs (06-Jun-07)
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater sample collected using temporary PVC casing and a disposable bailer		

PID	TPHg	SAMPLE ID	EXTENT DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
0			0			CONCRETE: 11 inches thick.	0.9	
0			2.0			FILL: Gravelly SAND with silt: Grayish brown (5YR 3/2); very dense; dry; 10% silt, 50% fine to coarse grained sand, 40% gravel; non-plastic; high estimated permeability.	2.0	
0			3.0			FILL: Gravelly SILT with sand: Brownish black (5YR 2/1); medium stiff; dry; 60% silt, 10% fine to coarse grained sand, 30% gravel; non-plastic; moderate estimated permeability.	3.0	
0		SB-3@ 5'	5.0	CH		Silty CLAY: Grayish olive (10YR 4/2); soft; moist; 80% clay, 20% silt; high plasticity; low estimated permeability.	5.0	
0		SB-3@ 7.5'	7.5	CL		Silty CLAY: Brownish black (5YR 2/1); medium stiff; dry; 80% clay, 20% silt; medium plasticity; low estimated permeability.	7.5	← Portland Type I/II
			10.0			@9.5': Moist.	10.0	Bottom of Boring @ 10 ft bgs

WELL LOG (PID): I:\PROJECTS\155A-1\BORING-1\GINTOLOGY - OAKLAND BORING LOGS.GPJ DEFAULT.GDT 06/07

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SOIL BORING LOG

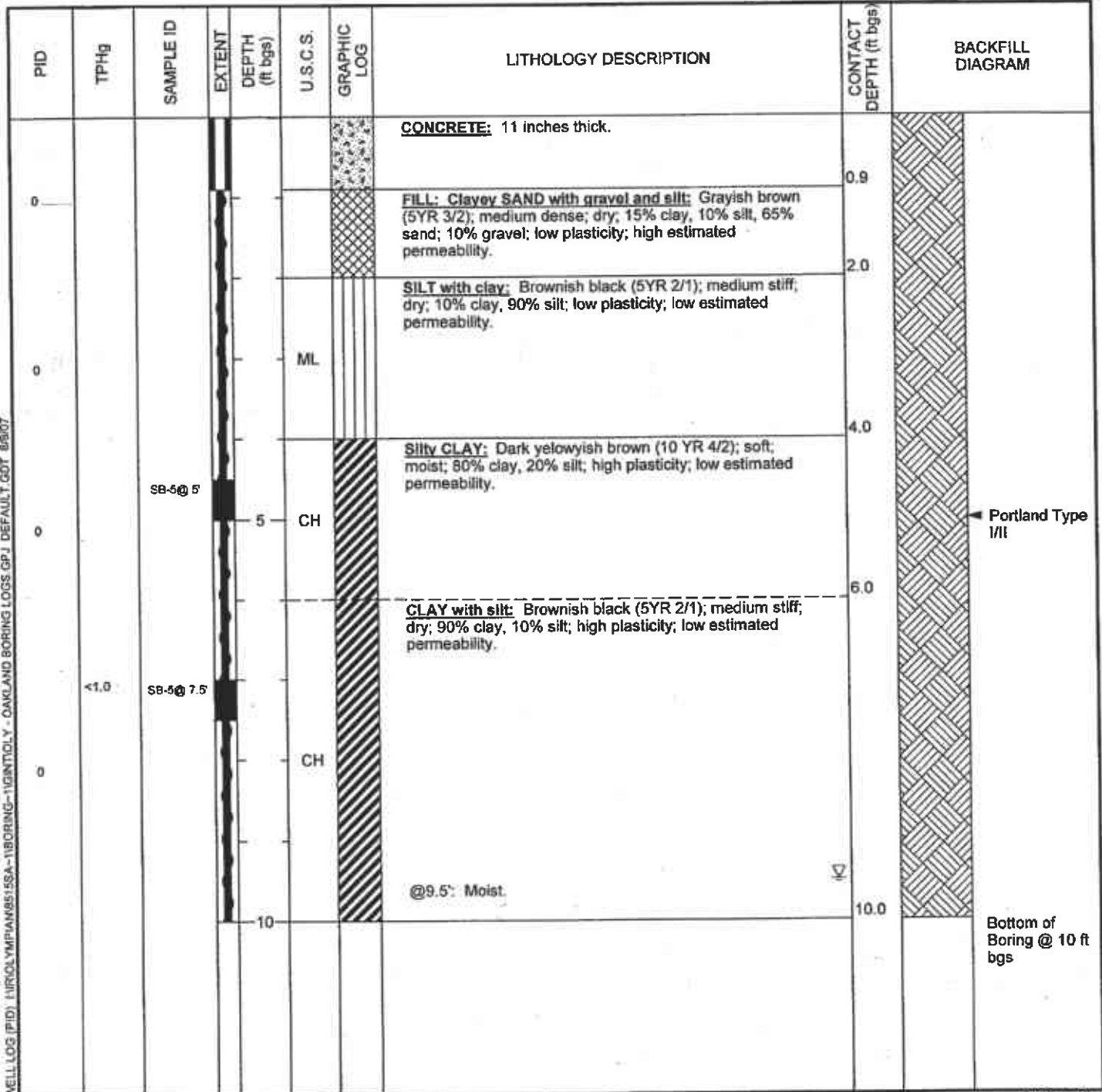
CLIENT NAME	Olympian JV	BORING NAME	SB-4
JOB/SITE NAME	Olympian - Oakland	DRILLING STARTED	05-Jun-07
LOCATION	8515 San Leandro Street, Oakland, CA	DRILLING COMPLETED	05-Jun-07
PROJECT NUMBER	161560	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	13.43
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.25 inches	SCREENED INTERVAL	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	9.0 ft bgs (05-Jun-07) ∇
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA \blacktriangledown
REMARKS	Grab groundwater sample collected using temporary PVC casing and a peristaltic pump.		

PID	TPHg	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGY DESCRIPTION	CONTACT DEPTH (ft bgs)	BACKFILL DIAGRAM
0							CONCRETE: 9 inches thick.	0.8	
							FILL: Sandy GRAVEL with silt: Moderate yellowish brown (10 YR 5/4); very dense; dry; 15% silt, 35% fine to coarse grained sand; 50% gravel; non-plastic; high estimated permeability.	2.0	
							FILL: Sandy SILT with gravel: Dusky brown (5YR 2/2); very dense; dry; 60% silt, 25% fine to coarse grained sand, 15% gravel including rock and brick fragments; non-plastic; moderate estimated permeability.	3.0	
							SILT: Dusky brown (5YR 2/2); medium stiff; dry; 100% silt; non-plastic; low estimated permeability.		
		SB-4@ 5'		5	ML				
							Silty CLAY with sand: Dark yellowish brown (10YR 4/2); medium stiff; dry; 60% clay, 30% silt, 10% fine grained sand; medium plasticity; low estimated permeability.	5.0	← Portland Type I/II
		SB-4@ 7.5'					@7': Dusky brown (5YR 2/2).		
							@9': Moist.		
								9.0 ∇	
				10				10.0	Bottom of Boring @ 10 ft bgs

WELL LOG (PID) I:\EROLYMPIAN\555A-1\BORING-1\CONTVOL - OAKLAND BORING LOGS.GPJ DEFAULT.GDT 8/8/07

SOIL BORING LOG

CLIENT NAME	Olympian JV	BORING NAME	SB-5
JOB/SITE NAME	Olympian - Oakland	DRILLING STARTED	06-Jun-07
LOCATION	8515 San Leandro Street, Oakland, CA	DRILLING COMPLETED	06-Jun-07
PROJECT NUMBER	161560	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	RSI Drilling, C57#802335	GROUND SURFACE ELEVATION	13.45
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	NA
BORING DIAMETER	3.25 inches	SCREENED INTERVAL	NA
LOGGED BY	G. Reiss	DEPTH TO WATER (First Encountered)	9.5 ft bgs (06-Jun-07)
REVIEWED BY	R. Scheele, PG# 6842	DEPTH TO WATER (Static)	NA
REMARKS	Grab groundwater sample collected using temporary PVC casing and a disposable bailer		



WELL LOG (PID) 1\IR\OLYMPIAN\8515SA-1\BORING-1\INITIALLY - OAKLAND BORING LOGS GPJ DEFAULT.GDT 8/3/07