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

September 1, 2005

Michael and Candace Marsh
National Auto Parts
110 Colusa Street
Vallejo,CA 94590

Ralph Trueblood
2 Bret Harte Road
Berkeley, CA 94708

Dear Mr. and Ms. Marsh and Mr. Trueblood:

Subject: Fuel Leak Site Case Closure Made in Japan, 660 San Pablo Avenue, Albany, CA 94502-6577; Case No. RO0000273

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 concentrations of up to 700 milligrams per kilogram (mg/kg) of total petroleum hydrocarbons as motor oil remain in soil at the site.
- Residual concentrations of up to 0.03 mg/kg of tetrachloroethene, 1.2 mg/kg of phenanthrene, 1.5 mg/kg of fluoranthene, and 2.0 mg/kg of pyrene remain in soil at the site.
- Residual concentrations of 15 micrograms per liter (µg/L) of acenapthene, 12 µg/L of fluoranthene, and 13 µg/L of pyrene remain in groundwater at the site.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

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

Enclosures:
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

City of Albany Planning and Zoning Department
1000 San Pablo Avenue
Albany, CA 94706
(w/enc)

Jerry Wickham (w/orig enc), D. Drogos (w/enc), R. Garcia (w/enc)

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110 Colusa Street
Vallejo,CA 94590

Ralph Trueblood
2 Bret Harte Road
Berkeley, CA 94708

REMEDIAL ACTION COMPLETION CERTIFICATE

Dear Mr. and Ms. Marsh and Mr. Trueblood:

Subject: Fuel Leak Site Case Closure Made in Japan, 660 San Pablo Avenue, Albany, CA 94502-6577; Case No. RO0000273

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

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 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,

Mee Ling Tung
Director
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: July 22, 2005

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Made in Japan		
Site Facility Address: 660 San Pablo Avenue, Albany, CA 94706		
RB Case No.: 01-2262	Local Case No.: STID 1351	LOP Case No.: RO0000273
URF Filing Date: 09/30/1997	SWEEPS No.: ---	APN: 066-2796-018-00

Responsible Parties	Addresses	Phone Numbers
Michael and Candace Marsh	National Auto Parts 1110 Colusa Street Vallejo, CA 94590	707-643-2561
Ralph Trueblood	42 Bret Harte Road Berkeley, CA 94708	510-841-4598

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	300 gallons	Waste oil, solvents	Removed	02/06/1997
Piping			Removed	02/06/1997

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown, USTs appeared in tact upon removal		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? No	Number: --	Proper screened interval? --
Highest GW Depth Below Ground Surface: 7.5 feet	Lowest Depth: 11 feet	Flow Direction: East (Based on regional setting and data from sites in area)
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity:
No domestic, irrigation, municipal, or industrial wells were found within a 2,00-foot radius of the site based on a well search conducted by Alameda County Public Works Agency.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: San Francisco Bay
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	One 300-gallon UST	Erickson, Inc., Richmond, CA	02/06/1997
Piping	Not reported	Erickson, Inc., Richmond, CA	02/06/1997
Free Product	None	--	--
Soil	Not reported	--	--
Groundwater	Not reported	--	--

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 4 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	0.83	0.83	52	52
TPH (Diesel)	9	9	<175	<175
TPH as Motor Oil	700(1)	700(1)	2,800(2)	2,800(2)
Benzene	<0.005	<0.005	1	1
Toluene	0.009	0.009	16	16
Ethylbenzene	<0.005	<0.005	<0.5	<0.5
Xylenes	0.019	0.019	0.95	0.95
Heavy Metals	71(3)	71(3)	--	--
MTBE *	<0.05	<0.05	<5(4)	<5(4)
Other (8240/8270)	2(5)	2(5)	15(6)	15(6)

(1) TPH as motor oil detected at 700 mg/kg in 2002 soil boring sample using Method 8015 Modified.
(2) TPH as motor oil detected in 2002 grab groundwater sample from soil boring !B.-1
(3) Cd: ND; Cr: 50 ppm; Pb: 10 ppm; Ni: 71 ppm; Zn: 32 ppm. These concentrations are within likely range of background.
(4) MTBE analyzed by EPA Method 8020; analysis for TBA, TAME, ETBE, and DIPE not performed.
(5) 0.03 mg/kg tetrachloroethene, 1.2 mg/kg phenanthrene, 1.5 mg/kg fluoranthene, and 2.0 mg/kg pyrene were detected; no other volatile or semivolatile organic compounds were detected.
(6) Water sample contained 15 µg/L acenapthene, 12 µg/L fluoranthene, and 13 µg/L pyrene; all other semivolatile organic compounds were not detected.

Site History and Description of Corrective Actions:
On February 6, 1997, a 300-gallon waste oil tank was removed from inside the building at 660 San Pablo Avenue in Albany. No obvious holes were observed in the tank but the tank was rusted. One soil sample was collected from the center of the tank pit directly below the tank using a hand auger. The soil sample was collected at a depth of 6 feet in gravelly clay. No odor was detected from the soil.

Three soil borings were drilled and sampled in the vicinity of the former tank on March 18, 2002. Each soil boring was advanced below the water table to depths of 7.5, 9.5 and 16 feet below ground surface, respectively. One soil and one groundwater sample was collected from each of the three borings. No monitoring wells were installed at the site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes No		
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: None		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No wells installed	Number Decommissioned: --	Number Retained: --
List Enforcement Actions Taken: NOV issued on 01/28/1998 and 12/11/2001.		
List Enforcement Actions Rescinded: Site came into compliance with submittal and implementation of work plan.		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:
During removal of a 300-gallon waste oil tank, low levels of TPHg, TPHd, BTEX, and volatile organic compounds were detected in one soil sample collected from the center of the tank pit. Three soil borings were advanced at three locations around the former tank. TPH as motor oil was detected at a concentration of 700 mg/kg in one soil sample collected near the zone of water table fluctuation. TPH as gasoline, TPH as diesel, and BTEX were not detected in the three soil samples collected in 2002. TPH as motor oil was detected at a concentration of 2,800 µg/L in a grab groundwater sample collected from one of the three soil borings. TPH as motor oil was not detected in grab groundwater samples from the other two soil borings. The elevated concentration of TPH as motor oil detected in the grab groundwater sample may be due to poor sample quality related to collection of the water sample within an open borehole and the incorporation of sorbed TPH on soil. The concentration of 2,800 µg/L of TPH as motor oil is not believed to be representative of dissolved TPH as motor oil concentrations in groundwater at the site. All other chemicals were detected at concentrations less than Tier 1 environmental screening levels for residential land use established in "Screening for Environmental Concerns with Sites with Contaminated Soil and Groundwater," (February 2005) or were not detected.

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

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 07/22/2005
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: Donna L. Drogos	Date: 07/27/05

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

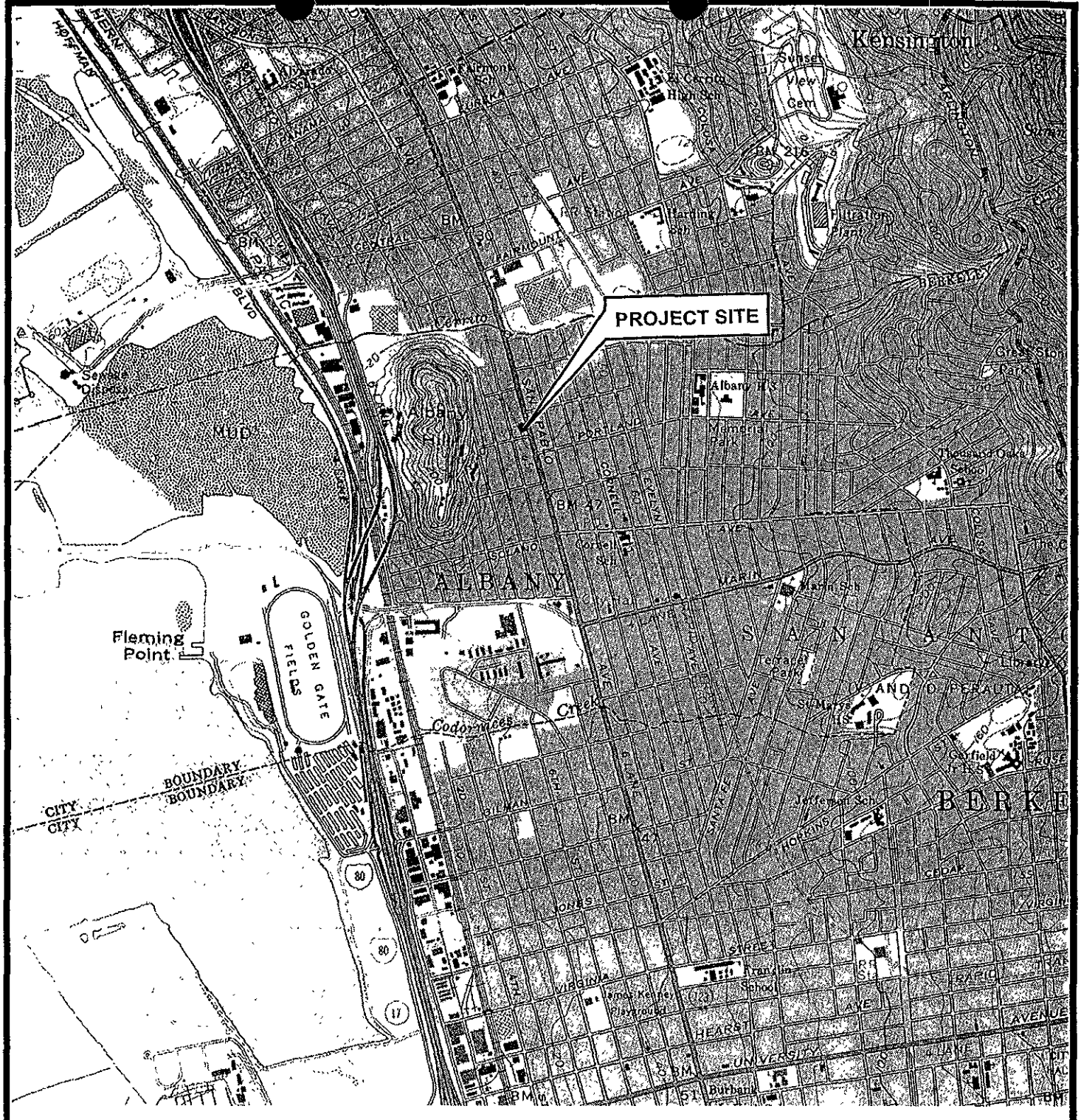
Regional Board Staff Name: Cherie McCaulou	Title: Associate Water Resources Control Engineer
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB: July 28, 2005
Signature: Cherie McCaul	Date: 8/3/05

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: --	Date of Well Decommissioning Report: --	
All Monitoring Wells Decommissioned: N/A	Number Decommissioned: --	Number Retained: --
Reason Wells Retained: No wells on site.		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence - Signature:		Date:

Attachments:
1. Site Vicinity Map
2. Site Plan
3. Soil and Groundwater Analytical Data (5 pages)
4. Boring Logs (3 pages)

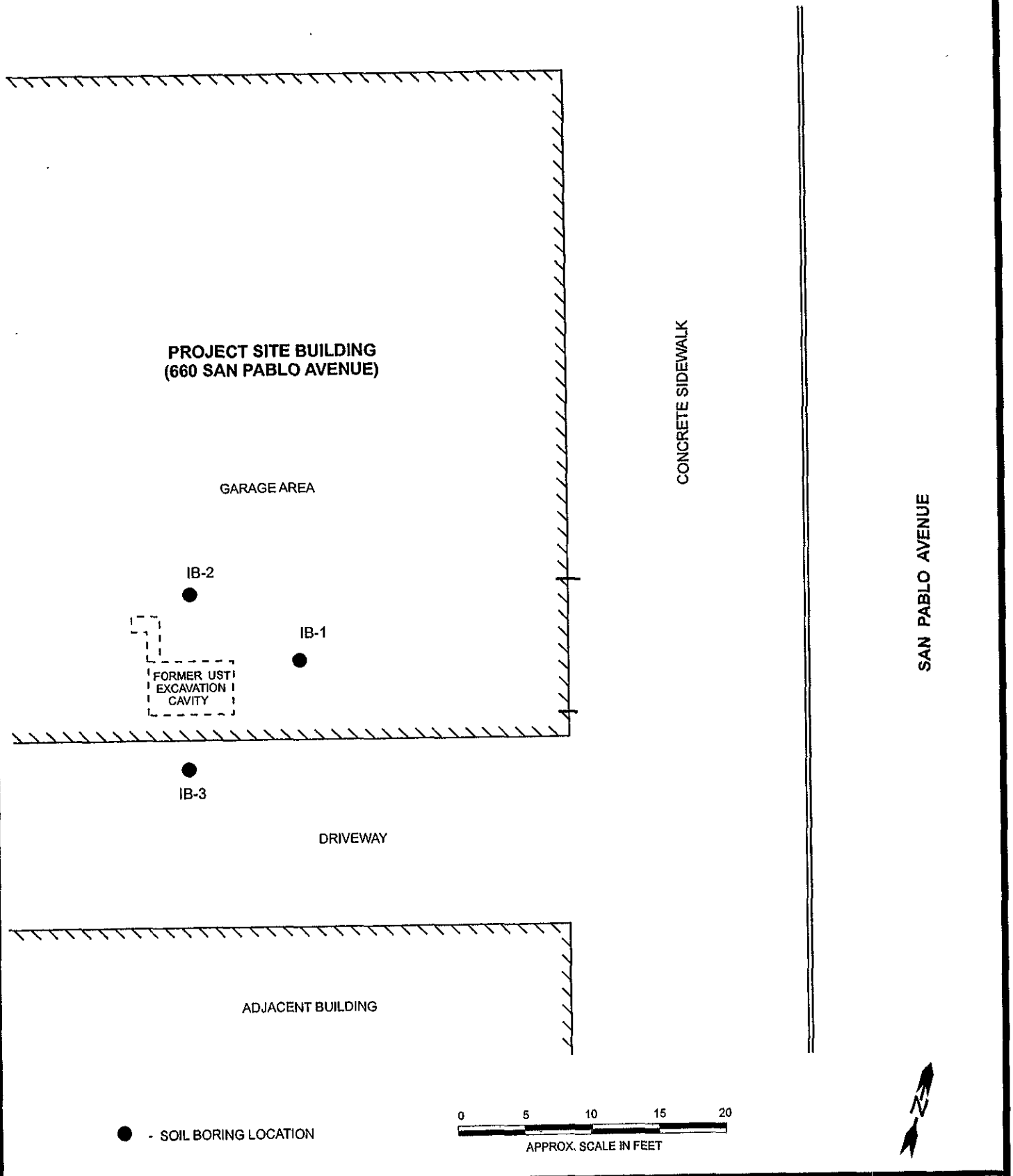
This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.



TOPOGRAPHY FROM USGS RICHMOND, CALIFORNIA
7.5-MINUTE QUADRANGLE MAPS, (TOPO! 1997).

DESIGNED BY:	CHECKED BY:	SITE VICINITY MAP	DATE: 10/01/98	FIGURE: 1
DRAWN BY: JG	SCALE: 1:24,000	660 SAN PABLO AVENUE UST SITE ALBANY, CALIFORNIA	GRIBI Associates	
PROJECT NO: 137-01-01				

ATTACHMENT 1



DESIGNED BY:	CHECKED BY:	**SITE PLAN**	DATE:05/15/02	FIGURE: 2
DRAWN BY: JG	SCALE:	660 SAN PABLO AVENUE UST SITE ALBANY, CALIFORNIA	**GRIBI Associates**	
PROJECT NO: 146-01-01				

ATTACHMENT 2

Table 1
SUMMARY OF SOIL AND WATER ANALYTICAL RESULTS
660 San Pablo Avenue UST Site

Sample ID	*Sample Matrix*	*Sample Depth*	*Concentration (ppm)*									
			TPH-D	*TPH-MO*	*TPH-G*	*B*	*T*	*E*	*X*	*MTBE*	*HVOCs*	*SVOCs*
IB-1.2	Soil	7.5 ft.	<1.0	<10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	—	—
IB-1W	Water	—	<0.175[1]	**2.80**	**0.052**	<0.0005	**0.016**	<0.0005	**0.00095**	<0.005	<0.00050[2]	**0.040**[3]
IB-2.3	Soil	9.5 ft.	<130[1]	**700**	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	—	—
IB-2W	Water	—	<0.050	<0.100	<0.050	***0.0010***	***0.0097***	<0.0005	***0.00086***	<0.005	—	—
IB-3.3	Soil	11.5 ft.	<1.0	<10	—	—	—	—	—	—	—	—
IB-3W	Water	—	<0.050	<0.100	—	—	—	—	—	—	—	—

TPH-G = Total Petroleum Hydrocarbons as Gasoline.
TPH-D = Total Petroleum Hydrocarbons as Diesel.
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl-t-Butyl Ether
HVOCS = Halogenated Volatile Organic Compounds
SVOCS = Semi-Volatile Organic Compounds
<1.0 = Not detected above the expressed detection level.
-- = Not analyzed for this analyte.
1 = Lab report states: "Elevated TPH as Diesel Reporting Limit due to oil range interference."
2 = No detectable levels of 28 HVOC analytes.
3 = Sample contained 0.015 ppm of Acenaphthene, 0.012 ppm of Fluoranthene, and 0.013 ppm of Pyrene. No detectable levels of remaining 62 SVOC compounds.

ATTACHMENT 3

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No:	97-098	Date Sampled:	02-06-97
Client:	Semco/HK2, Inc.	Date Analyzed:	02-11-97
Project:	660 San Pablo Ave.	Date Reported:	02-20-97

Gasoline Range Hydrocarbons by Method 8015 M
Benzene, Toluene, Ethylbenzene and Xylenes by Method 8020
Diesel, Motor Oil Range Hydrocarbons by Method 8015 M

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
97-098-01	1-300-WO@6' SOIL	Benzene	8020	ND
		Toluene	8020	0.009 mg/Kg
		Ethylbenzene	8020	ND
		Xylenes	8020	0.019 mg/Kg
		Gasoline	8015M	0.83 mg/Kg
		Diesel	8015M	9 mg/Kg
		Motor Oil	8015M	NA
97-098-02	2-Spoils Comp Soil	Benzene	8020	ND
		Toluene	8020	0.007 mg/Kg
		Ethylbenzene	8020	ND
		Xylenes	8020	ND
		Gasoline	8015M	ND
		Diesel	8015M	10 mg/Kg
		Motor Oil	8015M	NA

Quality Control/QualityAssuranceSummary-Soil

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Benzene	8020	0.005 mg/Kg	ND	73	0
Toluene	8020	0.005 mg/Kg	ND	69	0
Ethylbenzene	8020	0.005 mg/Kg	ND	65	1
Xylenes	8020	0.010 mg/Kg	ND	56	2
Gasoline	8015M	0.5 mg/Kg	ND	81	8
Diesel	8015M	1.0 mg/Kg	ND	91	1

ELAP Certificate NO: 1753
Reviewed and Approved:
John A. Murphy, Laboratory Director

P.O.Box 5624 · South San Francisco, California 94083 · 415-588 2838 FAX 588-1950

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No:	97-098	Date Sampled:	02-06-97
Client:	Semco/HK2	Date Analyzed:	02-12-97
roject:	660 San Pablo Ave.	Date Reported:	02-20-97

DETERMINATION OF TOTAL PETROLEUM HYDROCARBONS GRAVIMETRIC METHOD 5520 F

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
97-098-01	1-300-WO@6' SOIL	TEPH	5520 F	550 mg/Kg
97-098-02	2-Spoils Comp Soil	TEPH	5520 F	330 mg/Kg

QUALITY CONTROL/QUALITY ASSURANCE SUMMARY:

ANALYTE	METHOD	REPORTING LIMIT	BLANK	MS/MSD RECOVERY	RPD
TEPH	5520 F	50 mg/Kg	ND	75	11

ELAP Certificate NO: 1753
Reviewed and Approved:
John A. Murphy, Laboratory Director

ATTACHMENT 3

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No:	97-098	Date Sampled:	2-06-97
Client:	Semco/ HK2	Date Analyzed:	2-10-97
Project:	660 San Pablo Ave. Albany	Date Reported:	2-20-97

TTLC Metals by Atomic Absoption Spectrsocopy
Sample prepared by Method 3050·

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
97-098-01	1-300-WO@6' Soil	Nickel	7520	71 mg/Kg
		Zinc	7950	32 mg/Kg
		Chromium	7190	50 mg/Kg
		Cadmium	7130	ND
		Lead	7420	10 mg/Kg
97-098-02	2-Spoils Comp Soil	Nickel	7520	41 mg/Kg
		Zinc	7950	75 mg/Kg
		Chromium	7190	29 mg/Kg
		Cadmium	7130	ND
		Lead	7420	15 mg/Kg

Quality Control Quality Assurance Summary: Soil

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Nickel	7520	5.0 mg.Kg	ND	100/100	1
Zinc	7950	1.0 mg/Kg	ND	96/104	1
Chromium	7190	5.0 mg/Kg	ND	88/83	6
Cadmium	7130	2.0 mg/Kg	ND	105/108	3
Lead	7420	2.0 mg/Kg	ND	105/102	3

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy, Laboratory Director

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 97-098
CLIENT: Semco/HK2
PROJECT ID: 660 San Pable Ave. Albany

Date Sampled: 2/6/97
Date Analyzed: 2/20/97
Date Reported: 2/21/97

8010 Volatile halogenated organics by GC/MS Method 8260
Quality Control/Quality Assurance Summary

Laboratory Number	96-540	MS/MSD recoveries	RPD
Client ID	Blank		
Matrix	SOIL		
Analyte	**Results**		
Chloromethane	ND<25		
Vinyl Chloride	ND<25		
Bromomethane	ND<25		
Chloroethane	ND<25		
Trichlorofluoromethane	ND<5		
1,1-Dichloroethene	ND<5	107/108	1
Methylene Chloride	ND<5		
trans-1,2-Dichloroethene	ND<5		
1,1-Dichloroethane	ND<5		
cis-1,2-Dichloroethene	ND<5		
Chloroform	ND<5		
1,1,1-Trichloroethane	ND<5		
Carbon Tetrachloride	ND<5		
1,2-Dichloroethane	ND<5		
Trichloroethene	ND<5	83/85	3
Bromodichloroethane	ND<5		
trans-1,3-Dichloropropene	ND<5		
cis-1,3-Dichloropropene	ND<5		
1,1,2-Trichloroethane	ND<5		
Tetrachloroethene	ND<5		
Dibromobenzene	ND<5		
Chlorobenzene	ND<5	106/106	1
1,1,2,2-Tetrachloroethane	ND<5		
1,3-Dichlorobenzene	ND<5		
1,4-Dichlorobenzene	ND<5		
1,2-Dichlorobenzene	ND<5		
Surrogate Recoveries:			
1,2-Dichloroethane d4	131	94/94	0
Toluene d8	113	102/100	2
4-Bromofluorobenzene	108	102/103	1

Reviewed and Approved

John A. Murphy, Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1550

ATTACHMENT 3

LOG OF BORING

GRIBI Associates

SHEET 1 OF 1

BORING NUMBER : **IB-1**

BORING LOCATION:
EAST OF FORMER WASTE OIL UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
TRUEBLOOD FACILITY
660 SAN PABLO AVENUE
ALBANY, CALIFORNIA

PROJECT NUMBER: 146-01-01

START DATE: 03/18/02

COMPLETION DATE: 03/18/02

DRILLING CONTRACTOR: GREGG DRILLING

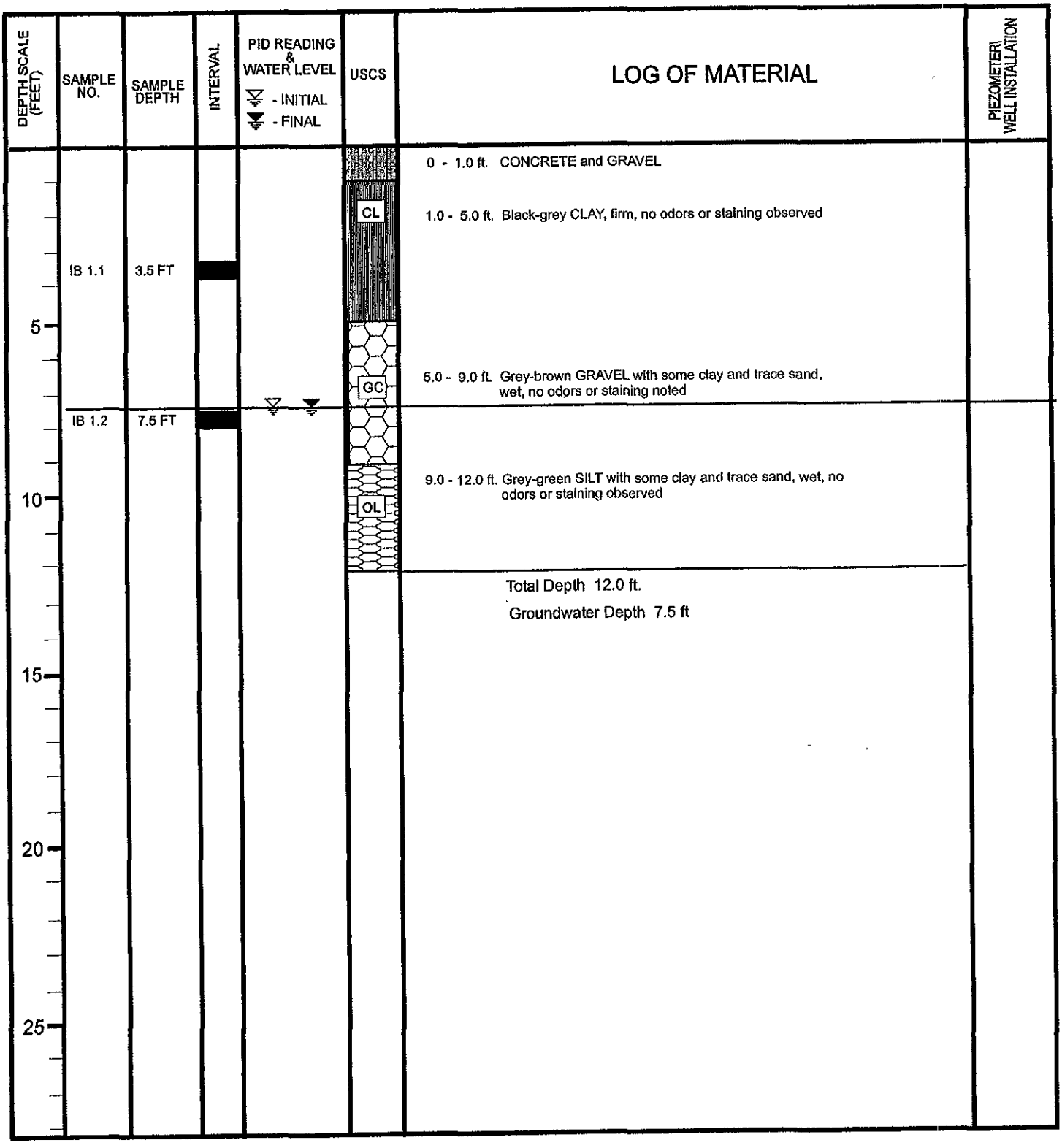
DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 12.0 FEET

GROUNDWATER DEPTH: 7.5 FEET



ATTACHMENT 4

LOG OF BORING

GRIBI Associates

SHEET 1 OF 1

BORING NUMBER : **IB-2**

BORING LOCATION:
NORTH OF FORMER WASTE OIL UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
TRUEBLOOD FACILITY
660 SAN PABLO AVENUE
ALBANY, CALIFORNIA

PROJECT NUMBER: 146-01-01

START DATE: 03/18/02

COMPLETION DATE: 03/18/02

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH:10.88 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0 - 1.0 ft. CONCRETE and GRAVEL	
	IB 2.1	3.5 FT			CL	1.5 - 6.0 ft. Reddish-brown dark grey CLAY with some silt, moist, no odors	
5						6.0 - 8.5 ft. Reddish-brown SAND with some clay and silt and trace gravel, moist, no odors	
	IB 2.2	7.5 FT			SC		
	IB 2.2	9.5 FT					
10				▽ ▼		8.5 - 14.0 ft. Brown-grey SAND with some silt and sand, wet, no odors	
					CL	14.0 - 16.0 ft. Red-tan CLAY with some sand, *no odors or staining observed*	
15						Total Depth 16.0 ft.	
						Groundwater Depth 10.88 ft.	
20							
25							

ATTACHMENT 4

LOG OF BORING

GRIBI Associates

SHEET 1 OF 1

BORING NUMBER : **IB-3**

BORING LOCATION:
SOUTH OF FORMER WASTE OIL UST

BORING TYPE: INVESTIGATIVE BORING

PROJECT NAME:
TRUEBLOOD FACILITY
660 SAN PABLO AVENUE
ALBANY, CALIFORNIA

PROJECT NUMBER: 146-01-01

START DATE: 03/18/02

COMPLETION DATE: 03/18/02

DRILLING CONTRACTOR: GREGG DRILLING

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2-1/2 INCHES

COMPLETION METHOD: GROUTED

BORING TOTAL DEPTH: 16.0 FEET

GROUNDWATER DEPTH: 10.75 FEET

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & WATER LEVEL (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL	PIEZOMETER\ WELL INSTALLATION
						0 - 1.0 ft. ASPHALT and GRAVEL	
	IB 3.1	3.5 FT			CL	1.0 - 5.0 ft. Black CLAY with some *silt* and *trace gravel, moist,* no odors or staining observed	
5	IB 3.2	7.0 FT			GC	5.0 - 9.0 ft. Grey-brown GRAVEL with some clay and trace sand, moist, no odors or staining noted	
10	IB 3.3	11.5 FT		▽ ▼	SC	9.0 - 13.0 ft. Reddish-brown and dark-grey SAND with some clay, moist, no odors or staining observed	
15						13.0 - 16.0 ft. Reddish-brown SAND with some clay and gravel, wet, no odors or staining observed	
						Total Depth 16.0 ft.	
						Groundwater Depth 10.75 ft	
20							
25							

ATTACHMENT 4