

RO 2516

March 6, 2006

Mr. Amir K. Gholami, REHS
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

SUBJECT: DRAFT SITE CONCEPTUAL MODEL

SITE: Olympian Service Station
8515 San Leandro Street,
Oakland, California
Fuel Leak Case #RO0002516

Dear Mr. Gholami:

On behalf of Olympian, TEC Accutite is pleased to submit this Site Conceptual Model report for the above referenced site.

If you have any questions or require additional information, please contact the undersigned at (650) 616-1208.

Sincerely,
TEC Accutite

Jing Heisler, PG, CHG

Cc: Ms. Janet Heikel, Olympian

DRAFT SITE CONCEPTUAL MODEL

**OLYMPIAN SERVICE STATION
8515 SAN LEANDRO STREET
OAKLAND, CA**

MARCH 2006

PREPARED FOR:

**OLYMPIAN
AND
ALAMEDA COUNTY ENVIRONMENTAL HEALTH**

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE BACKGROUND AND ENVIRONMENTAL CONDITIONS	1
2.1	SITE DESCRIPTION	1
2.2	ENVIRONMENTAL BACKGROUND	1
3.0	SITE CONCEPTUAL MODEL	2
3.1	GEOLOGY AND HYDROGEOLOGY	2
3.2	HYDROCARBON SOURCE	2
3.3	PLUME CONCEPTUAL MODEL	2
3.4	WELL AND SENSITIVE RECEPTOR SURVEY	2
4.0	CONCLUSIONS	3
5.0	LIMITATIONS	4
6.0	REFERENCES	5

TABLES

Table 1	Soil Analytical Results
Table 2	Groundwater Analytical Results

FIGURES

Figure 1	Vicinity Map
Figure 2	Site Map with Historical Sampling Locations

ATTACHMENTS

Attachment A	Boring Logs and Well Specifications
Attachment B	Well Search Results

1.0 INTRODUCTION

On behalf of Olympian, TEC Accutite prepared this Site Conceptual Model (SCM) for the Olympian service station located at 8515 San Leandro Street in Oakland, California (Figure 1). This SCM is to respond to the request of a stand-alone document of SCM from the Alameda County Environmental Health (ACEH) in a fax, dated December 19, 2005 (Attachment A). The SCM was completed to identify potential exposure pathways, evaluate environmental conditions, and assess the risks site hydrocarbons pose to public health and the environment.

2.0 SITE BACKGROUND AND ENVIRONMENTAL CONDITIONS

2.1 Site Description

The site is located near the corner of San Leandro Street and 85th Avenue in Oakland, CA. Since 1995, the site has been occupied by a cardlock gasoline service station. Station facilities consisted of one 12,000-gallon gasoline underground storage tank (UST), one 5,000-gallon gasoline UST, one 8,000-gallon gasoline UST, one 15,000-gallon diesel UST and four dispenser islands (Figure 2). The USTs and dispensing facilities are in compliance with 1998 upgrade requirements (City of Oakland, EHS upgrade compliance certificate # 11815) (GHH, 2002).

The topography of the subject site is flat with an elevation of approximately 5 to 10 feet above mean sea level. The site is situated in a heavily industrial area (Artesian 1994). The site is currently owned by Nella Oil Company and operated as a fuel service station.

2.2 Environmental Background

June 1994, Phase I ESA and Phase II Soil Analysis: Artesian Environmental Consultants conducted a Phase I Environmental Site Assessment (ESA) and performed soil analysis at the subject site. Phase II sample results showed that the site was free of any petroleum hydrocarbons.

June 2002, Environmental Baseline Report: In May 2002, as part of a business transaction between Olympian and Nella Oil Companies, GHH Engineering, Inc. (GHH) conducted a baseline environmental review of the subject site. GHH staff inspected the property and stated that the subject property appeared clean and free of any notable petroleum hydrocarbon staining that could be indicative of surface spills. The oil/water separator appeared to be in good condition, with no evidence of cracks or significant staining.

GHH advanced a total of seven soil borings, collected seven soil samples and one grab groundwater sample from the area of the underground storage tanks (USTs) and dispenser islands. Baseline sampling showed the presence of 238 milligram per kilogram (mg/kg) total petroleum hydrocarbons as motor oil (TPH-mo) in a soil sample taken near the dispenser area, 80 mg/kg total recoverable petroleum hydrocarbons in a soil sample taken at the oil/water separator area, and 7.0 microgram per liter ($\mu\text{g/L}$) methyl-tert-butyl ether (MTBE) in a groundwater sample taken in the UST area.

March 2003, Notice of Responsibility: On March 14, 2003, Olympian received a letter from ACEH of notice of the site has been placed in the Local Oversight Program and has identified Olympian Oil as the primary or active responsible party.

January 2004, Site Status: On January 22, 2004, TEC Accutite prepared a letter report to summarize the site status. TEC Accutite recommends drilling and collecting additional soil and groundwater samples from this site to complete the site characterization. To date, TEC Accutite has not received any directive letter from the ACEH.

On December 19, 2005, Olympian received a fax requesting a summary of the site and a stand-alone document of site conceptual model. In response to this request, TEC Accutite has prepared this report to summarize overall site investigation results and evaluate the appropriateness for site closure.

3.0 SITE CONCEPTUAL MODEL

3.1 Geology and Hydrogeology

The site is located on the bay plain deposits of the San Francisco Bay consisting of shallow marine and continental deposits known as the "Bay Mud". Sediments beneath the site consist mainly of silty or sandy clay to a maximum explored depth of 17 fbg. Geological boring logs are presented in Attachment A.

The groundwater flow direction, inferring the flow direction from the surface topography, is to the south/southwest (toward San Francisco Bay). Depths to first encountered groundwater were at 9.5 to 11 fbg (Attachment A).

3.2 Hydrocarbon Source

No leakage was reported. No surface spills were noticed. Chemical concentrations were either not detected or detected at non-significant level, suggesting that no significant release occurred.

No free product has been observed or reported from previous site investigations.

3.3 Plume Conceptual Model

Soil

A total of 9 soil samples were analyzed during the previous investigations. As shown in Table 1, TPH as motor oil was detected at one location (GP-6), at the eastern end of dispenser island close to San Leandro Street. Total recoverable petroleum hydrocarbon was detected at one location (GP-7), near the vicinity of the oil/water separator tank. And, MTBE was detected one location (GP-5) in the dispenser island area. However, all these detections were low and below the ESLs which are based on residential land use and assuming groundwater is not current or potential source of drinking water. Based on past boring investigations and subsurface characteristics, large concentrations of hydrocarbons are unlikely to be residual in soil.

Groundwater

A total of 3 groundwater samples were analyzed during the previous investigation. As indicated in Table 2, only one chemical (MTBE) was detected in one groundwater sample (GP-1). And, the MTBE detection (7 µg/L) was far less than the ESL (1,800 µg/L) assuming groundwater is not current or potential source of drinking water. Therefore, no significant concentrations of hydrocarbons were found in groundwater.

3.4 Well and Sensitive Receptor Survey

3.4.1 Well Survey Results

A search of Alameda County Public Works Department well records were reviewed for wells within a 2,000 foot radius of the site. A total of 52 active wells were identified within the survey area. Of the 52 wells, 41 were monitoring wells associated with various site investigations and with depths varying from ? to ? fbg; 1 well was irrigation well with depth 175 fbg and located upgradient of the site; 4 of the identified wells were cathodic protection wells ranging in depth from 65 to 120 fbg; 2 wells were identified as test

wells with depths of 20 and 25 fbg; and a single piezometer was identified with a depth of 20 fbg. Construction details and approximate location descriptions are presented in Attachment B.

No drinking water wells were identified within the survey radius (Attachment B). The site's current source of drinking water is the East Bay Municipal Utility District. According to Mr. Craig Johnston at the Alameda County Public Works Agency, there is virtually no domestic consumption in the entire East Bay Plain, from the north boundary of Alameda County south to Union City. Mr. Johnston stated that the local groundwater quality is monitored by the State of California and has been becoming salty, due to unspecified influences (Artesian, 1994).

Local Surface Water

The nearest surface water is an unmarked channel draining to San Leandro Bay which is located approximately 700 feet north of the subject property. San Leandro Bay connected to the San Francisco Bay is located approximately 1 mile west of the site.

Groundwater Designation

The site is situated within the South Bay Basin. Groundwater within the San Bay Plain Basin has been designated as potentially suitable for municipal and industrial use (CRWQCB, 1995).

Others

Tassafaronga Community Park is located approximately 2,000 feet east of the site at the corner of 83rd Avenue and E Street in an upgradient direction. No hospitals, libraries, schools, childcare centers are identified within the 2,000 foot search radius.

Given the groundwater flow direction and low hydrocarbon concentrations, it is unlikely site hydrocarbons present any risk to the above sensitive receptors. Therefore, no sensitive receptors would likely be impacted by the contaminants on-site according to the available information.

4.0 CONCLUSIONS

Based on the review of the available information, the site is qualified for "Site Closure" as a "Low Risk Groundwater Case" as described below:

- 1) No significant release was identified;
- 2) The site has been characterized. Soil samples were collected from dispenser islands area and the results were all less than ESLs suggesting no leaching concern. Groundwater sample was collected at downgradient of UST area and the result was less than the applicable ESL;
- 3) No plume exists; petroleum hydrocarbon concentrations were less than the ESLs in soil and groundwater;
- 4) No water wells or other sensitive receptors are likely to be impacted;
- 5) The site presents no significant risk to human health;
- 6) The site presents no significant risk to the environment.

Pending on the approval, TEC Accutite will submit the case closure application for this site.

5.0 LIMITATIONS

Our services consist of professional opinions, conclusions and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. TEC Accutite's liability is limited to the dollar amount of the work performed.

This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk. Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

TEC Accutite would like to thank you in advance for your assistance and prompt attention to this matter. If you have any questions or comments, please feel free to contact Jing Heisler at (650) 616-1208.

Sincerely,
TEC Accutite

Prepared by:

Reviewed by:

Jing Heisler, PG, CHG.
Project Manager

Nicholas B. Haddad
Environmental Director

cc: Ms. Janet Heikel, Olympian
Mr. Jeff Farrar

6.0 REFERENCES

- California Regional Water Quality Control Board, "*Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater*", Interim Final – February 2005.
- Artesian, 1994. Artesian Environmental Consultants, Inc., "*Phase I Environmental Site Assessment Phase II Soil Analysis*", June 9 1994.
- GHH, 2002. GHH Engineering, Inc., "*Environmental Baseline Report*", June 2002.

TABLE 1
Soil Sampling Results
8515 San Leandro Street
Oakland, California

Sample ID	Sample Depth (fbg)	Date Collected	TPH as					Volatile Organic Compounds (EPA 8260B)													Methanol (ug/kg)
			Gasoline (mg/kg)	Diesel (mg/kg)	TRPH (mg/kg)	Motor Oil (mg/kg)	Oil & Grease (mg/kg)	Benzene (ug/kg)	Toulene (ug/kg)	Ethyl-benzene (ug/kg)	Xylenes (ug/kg)	EDB (ug/kg)	1,2-DCA (ug/kg)	DIPE (ug/kg)	ETBE (ug/kg)	MTBE (ug/kg)	TAME (ug/kg)	TBA (ug/kg)	Ethanol (ug/kg)		
Borings by Artesian Environmental																					
B5/B6	5	5/26/1994	NA	NA	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1/B2/B3/B4/B7	5	5/25/1994	<1.0	NA	NA	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	NA	NA	NA	NA	NA
Borings by GHH Engineering																					
GP1@5'	5	5/15/2002	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP2@5'	5	5/15/2002	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP3@5'	5	5/15/2002	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP4@5'	5	5/15/2002	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP5@5'	5	5/15/2002	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND
GP6@5'	5	5/15/2002	ND	ND	NA	238	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP7@5'	5	5/14/2002	NA	NA	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ESLs For Soil Assuming Groundwater as Non-Drinking Water Resource:																					
		Residential Land Use	100	100	100	500	500	180	9,300	32000	11000	NA	25	NA	NA	2,000	NA	57,000	45,000	NA	NA
		Commercial Land Use	400	500	500	1,000	1,000	380	9,300	32000	11000	NA	70	NA	NA	5,600	NA	110,000	45,000	NA	NA

Notes:

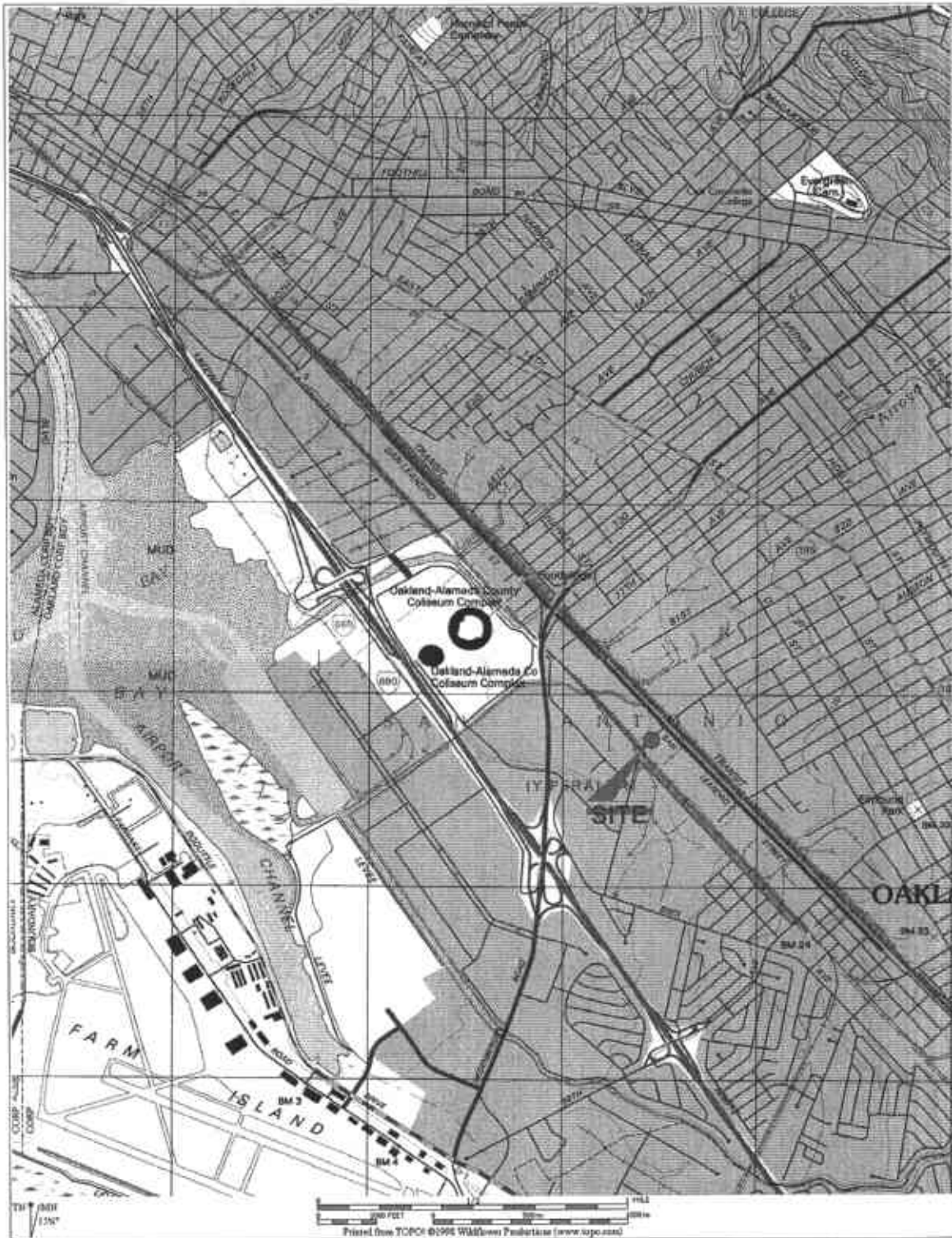
- fbg feet below grade
- TPH Total Petroleum Hydrocarbons
- mg/kg Milligrams per Kilogram
- ug/kg Micrograms per Kilogram
- ND Non-Detect, below the method detection limit
- NA Not analyzed or not available
- 1,2-DCA 1,2-dichloroethane
- DIPE Di-isopropyl ether
- EDB Ethyldibromide
- ETBE Ethyl tertiary butyl ether
- MTBE Methyl tert butyl ether
- TAME Tertiary amyl methyl ether
- TBA Tertiary butyl alcohol
- TRPH Total recoverable petroleum hydrocarbons
- ESL Environmental Screening Limit established by California Regional Water Quality Control Board -- San Francisco Bay Region, Screening For Environmental Concerns At Sites With Contaminated Soil And Groundwater; February 2005.

TABLE 2
Groundwater Sampling Results
8515 San Leandro Street
Oakland, California

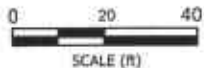
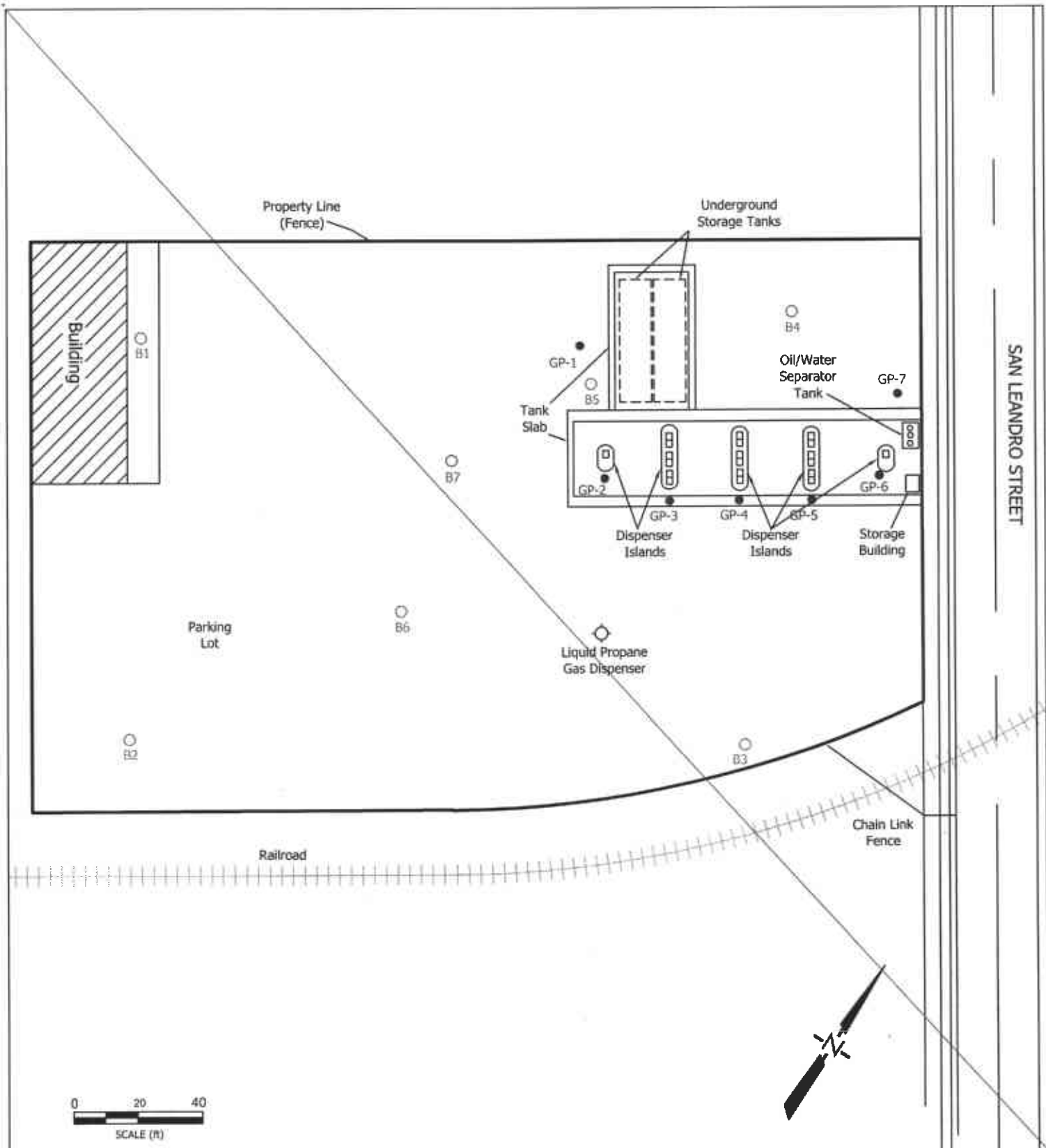
Sample ID	Sample Depth (fbg)	Date Collected	TPH as		Volatile Organic Compounds (EPA 8260B)											Methanol (ug/L)		
			Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toulene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	EDB (ug/L)	1,2-DCA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Ethanol (ug/L)	
<i>Grab groundwater sample collected by Artesian Environmental</i>																		
WB1	9.5	5/25/1994	<70	<50	<0.5	<0.5	<0.5	<0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WB7	9.5	5/26/1994	<70	<50	<0.5	<0.5	<0.5	<0.8	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA
<i>Grab groundwater sample collected by GHH Engineering</i>																		
GP-1	7	5/15/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	ND	ND
ESLs For Groundwater Assuming Groundwater as Non-Drinking Water Resource:																		
			500	640	46	130	290	100	NA	200	NA	NA	1,800	NA	18,000	50,000	NA	NA

Notes:

- fbg feet below grade
- TPH Total Petroleum Hydrocarbons
- mg/kg Milligrams per Kilogram
- ug/kg Micrograms per Kilogram
- ug/L Micrograms per Liter
- ND Non-Detect, below the method detection limit
- NA Not analyzed or not available
- 1,2-DCA 1,2-dichloroethane
- DIPE Di-isopropyl ether
- EDB Ethyldibromide
- ETBE Ethyl tertiary butyl ether
- MTBE Methyl tert butyl ether
- TAME Tertiary amyl methyl ether
- TBA Tertiary butyl alcohol
- TRPH Total recoverable petroleum hydrocarbons
- ESL Environmental Screening Limit established by California Regional Water Quality Control Board - San Francisco Bay Region, Screening For Environmental Concerns At Sites With Contaminated Soil And Groundwater; February 2005.



	Date: 3 / 2 / 2006	TEC ACCUTITE 262 MICHELLE COURT SOUTH SAN FRANCISCO, CA Phone: 650-952-5551 Fax: 650-952-7631	SITE: 8515 SAN LEANDRO STREET OAKLAND, CALIFORNIA	FIGURE 1 VICINITY MAP
	By: DrRao Legend: ● Subject Site			



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

LEGEND

Date:
03/06/2006

Plot No: 703-2

Drawn by: LC

- 1994 Borings (B-series)
by Artesian Environmental
- 2002 Borings (GP-series)
by GH Engineering

Figure:

2

SITE MAP

with Sampling Locations

Site:

8515 San Leandro Avenue
Oakland, California

ATTACHMENT A
BORING LOGS AND WELL SPECIFICATIONS

LOG DETAILS: BORING B1

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



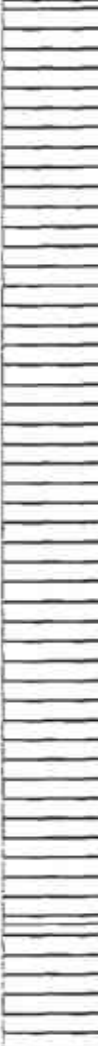


DATES DRILLED: 5-25-94	RIG TYPE: Direct Push	BORING DIA (in.): 1.4'	TOTAL DEPTH: 17.0
DATE COMPLETED: 5-26-94	DRILL TOOLS: Geoprobe	CASING TYPE / SIZE: NA	BAGS SAND: NA
LOGGED BY: T. Fortner	SAMPLING METH.: Probe Drive	SLOT INTER.: NA	SAND INTER.: NA
DRILLING CO.: Artesian	HAMMER WT.: NA	SAND TYPE: NA	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	BAOS GROUT: 0.5
MW KEY / CVR ACC: NA	WELL COVER: NA	GROUT PLACEMENT: Gravity	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					0 to TD: Bentonite (3%) cement grout seal
-15		CLAY: (SC) brown, fine graind sand					

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	RIG TYPE: Direct Push	BORING DIA (in.): 1.4"	TOTAL DEPTH: 15.5
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: -11.0	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: Water recharged well.



ARTESIAN ENVIRONMENTAL

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

DRAWN BY TEF

DRAW DATE 5-31-94

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

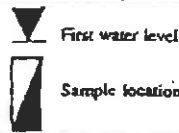
DATES DRILLED: 5-25-94
 DATE COMPLETED: 5-26-94
 LOGGED BY: T. Forner
 DRILLING CO.: Artesian
 DRILLER: J. Taylor
 INSPECTOR: NA
 MW KEY / CVR ACC: NA

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: -9.75
 STATIC WATER: NA
 GROUT PLACEMENT: Gravity

TOTAL DEPTH: 15.0
 BAGS SAND: NA
 SAND INTER.: NA
 BAGS BENTON: 3%
 BENT. INTER.: 0.5
 BAGS GROUT: 0.5
 GROUT INTER.: 0. TD

NOTES: Poor recharge



ARTESIAN ENVIRONMENTAL

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

DRAWN BY TEF

DRAW DATE 5-31-94

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.

LOG DETAILS: BORING B4

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: 15.0
 BAGS SAND: NA
 SAND INTER.: NA
 BAGS BENTON.: 3%
 BENT. INTER.: 0.5
 BAGS GROUT: 0.5
 GROUT INTER.: 0 - TD

NOTES: Poor recharge



ARTESIAN ENVIRONMENTAL

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

DRAWN BY TEF

DRAW DATE 5-31-94

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

ARTESIAN ENVIRONMENTAL

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

DRAWN BY TEF

DRAW DATE 5-31-94

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		

[0.0] 11

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. Former	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:



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 5-31-94

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

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: 1-25-94	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



ARTESIAN ENVIRONMENTAL

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

DRAWN BY TEF

DRAW DATE 5-31-94

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		
-10		CLAY: (SC) as above					0 to TD: Bentonite (3%) cement seal
-15							

ATTACHMENT B
WELL SURVEY RESULTS

Well Legend

DOM=Domestic well

IRR=Irrigation well

MUN= Municipal well

IND=Industrial well

CAT=Cathodic well

DES=well destroyed (through permit)

ABN=Abandoned and not being used (but has not been destroyed through permit process)

TES=Test well

BOR= Geotechnical investigation

MON= Monitoring well

EXT=Extraction/ Vapor wells

PIE=Piezometers

REC=Recovery well (extraction/ vapor)

? = Unknown or no information found or given

Permit	Tr	Section	Address	Locality	Owner	Update	Xcoord	Ycoord	Matchlev	Tsrng	Rec code	Phone	City	Drilldate	Elevation	Totaldept	Waterdep	Diameter	Use
	2S/3W	22C 1	910 89TH AVE	Oakland	SKASOL INC(DON MARCHMAN)	8/8/1988	1.22E+08	37748080	0	2S/3W 22C	3284	0	OAK	Jun-88	0	26	13	2	DES
	2S/3W	22C 2	910 89 AV.	Oakland	BARRETT'S METAL FNSH.	8/15/1989	1.22E+08	37747374	9	2S/3W 22C	3265	0	OAK	Jan-89	0	19	13	2	MON
	2S/3W	22C 3	910 89 AV.	Oakland	BARRETT'S METAL FNSH.	6/15/1989	1.22E+08	37747374	9	2S/3W 22C	3266	0	OAK	Jan-89	0	20	13	2	MON
	2S/3W	22C 4	910 89th Avenue	Oakland	Barrett's Metal Finishing	6/27/1990	1.22E+08	37746080	0	2S/3W 22C	365	0	OAK	8/89	90	25	17	2	MON
	2S/3W	22C 5	925 89th Ave	Oakland	Seneca/Lanaidor MW-1	9/23/1992	1.22E+08	37746270	1	2S/3W 22C	7960	0	OAK	4/92	0	22	10	2	MON
	2S/3W	22C 6	925 89th Ave	Oakland	Seneca/Lanaidor MW-2L	6/23/1993	1.22E+08	37746371	1	2S/3W 22C	0	0	OAK	8/92	0	22	11	2	MON
	2S/3W	22C 7	966 89th Av	Oakland	Ted Walbey	8/13/1997	1.22E+08	37746560	1	2S/3W 22C	0	0	OAK	6/93	0	25	13	2	MON
	2S/3W	22C 8	966 89th Av	Oakland	Ted Walbey	8/13/1997	1.22E+08	37746560	1	2S/3W 22C	0	0	OAK	6/93	0	25	13	2	MON
	2S/3W	22C 9	966 89th Av	Oakland	Ted Walbey	8/13/1997	1.22E+08	37746560	0	2S/3W 22C	0	0	OAK	6/93	0	25	13	2	MON
93700	2S/3W	22C10	1009 89th Av	Oakland	Manuel Rodrigues	11/3/1997	1.22E+08	37747286	1	2S/3W 22C	0	0	OAK	1/94	0	25	10	2	MON
93700	2S/3W	22C11	1009 89th Av	Oakland	Manuel Rodrigues	11/3/1997	1.22E+08	37747286	1	2S/3W 22C	0	0	OAK	1/94	0	25	10	2	MON
	2S/3W	22D 1	8609 G ST	Oakland	LUCCHESI	7/30/1984	1.22E+08	37747738	0	2S/3W 22C	3287	0	OAK	?	0	175	0	12	IRR
	2S/3W	22D 2	85TH AVE & SAN LEANDRO ST	Oakland	LINCOLN PROPERTY CO	10/6/1986	1.22E+08	37746400	0	2S/3W 22C	3288	0	OAK	Oct-86	0	20	11	2	DES
	2S/3W	22D 3	85TH AVE & SAN LEANDRO ST	Oakland	LINCOLN PROPERTY CO	10/6/1986	1.22E+08	37746400	0	2S/3W 22C	3289	0	OAK	Oct-86	0	20	9	2	DES
	2S/3W	22D 4	85TH AVE & SAN LEANDRO ST	Oakland	LINCOLN PROPERTY CO	10/6/1986	1.22E+08	37746400	0	2S/3W 22C	3290	0	OAK	Oct-86	0	20	9	2	DES
	2S/3W	22D 5	8717 G STREET	Oakland	BROCKWAY GLASS CO.	2/23/1988	1.22E+08	37747180	0	2S/3W 22C	3291	0	OAK	5/87	0	26	10	2	MON
	2S/3W	22D 6	8717 G STREET	Oakland	BROCKWAY GLASS CO.	2/23/1988	1.22E+08	37747180	0	2S/3W 22C	3292	0	OAK	5/87	0	26	10	2	MON
	2S/3W	22D 7	8511 BLAINE ST	Oakland	LONGVIEW FIBRE CO	8/8/1988	1.22E+08	37747428	0	2S/3W 22C	3293	0	OAK	May-88	0	25	0	2	MON
	2S/3W	22D 8	8410 AMELIA ST	Oakland	DREISBACH ASSO.	12/16/1988	1.22E+08	37748884	0	2S/3W 22C	3294	5331523	OAK	Jun-88	0	30	10	4	MON
	2S/3W	22D 9	8718 G St	Oakland	Owens Brockway KJMW1	8/21/1992	1.22E+08	37747180	1	2S/3W 22C	7752	0	OAK	6/91	0	22	13	2	MON
	2S/3W	22D10	8718 G St	Oakland	Owens Brockway KJMW2	8/21/1992	1.22E+08	37747180	1	2S/3W 22C	7753	0	OAK	6/91	0	22	12	2	MON
	2S/3W	22D11	8718 G St	Oakland	Owens Brockway KJMW3	8/21/1992	1.22E+08	37747180	1	2S/3W 22C	7754	0	OAK	6/91	0	22	9	2	MON
	2S/3W	22D12	8718 G St	Oakland	Owens Brockway KJMW4	8/21/1992	1.22E+08	37747180	1	2S/3W 22C	7755	0	OAK	6/91	0	22	8	2	MON
	2S/3W	22D13	923 87th Ave	Oakland	J. W. Silvera MW-1	10/2/1992	1.22E+08	37747941	1	2S/3W 22C	8323	0	OAK	9/91	0	25	9	2	MON
	2S/3W	22D14	923 87th Ave	Oakland	J. W. Silvera MW-2	10/2/1992	1.22E+08	37747941	1	2S/3W 22C	8324	0	OAK	9/91	0	20	9	2	MON
	2S/3W	22D15	923 87th Ave	Oakland	J. W. Silvera MW-3	10/2/1992	1.22E+08	37747941	1	2S/3W 22C	8325	0	OAK	9/91	0	20	9	2	MON
	2S/3W	22D16	852 85th Av	Oakland	Geo M Robinson & Co	7/22/1997	1.22E+08	37748104	1	2S/3W 22C	0	0	OAK	7/93	0	20	16	4	MON
	2S/3W	22D17	852 85th Av	Oakland	Geo M Robinson & Co	7/22/1997	1.22E+08	37748104	1	2S/3W 22C	0	0	OAK	7/93	0	20	16	4	MON
	2S/3W	22D18	852 85th Av	Oakland	Geo M Robinson & Co	7/22/1997	1.22E+08	37748104	0	2S/3W 22C	0	0	OAK	7/93	0	20	15	2	PIE
94646	2S/3W	22D19	8522 Blaine St	Oakland	Martin & Deborah Ritchie	9/17/1997	1.22E+08	37747512	1	2S/3W 22C	0	0	OAK	Oct-94	0	20	13	2	MON
93656	2S/3W	22D20	8410 Amelia St	Oakland	Dreisbach Enterprises	12/4/1997	1.22E+08	37748866	1	2S/3W 22C	0	0	OAK	Dec-93	0	20	11	4	TES
93656	2S/3W	22D21	8410 Amelia St	Oakland	Dreisbach Enterprises	12/4/1997	1.22E+08	37748866	0	2S/3W 22C	0	0	OAK	Dec-93	0	25	12	4	TES
95795	2S/3W	22D22	8511 Blaine St	Oakland	Longview Fibre Company	2/4/1998	1.22E+08	37747426	1	2S/3W 22C	0	0	OAK	Nov-95	0	20	7	2	MON
	2S/3W	22E	9201 San Leandro Street	Oakland	Paco Pumps PBMW3	4/30/1993	1.22E+08	37742685	1	2S/3W 22E	0	0	OAK	Nov-92	0	20	0	0	BOR
	2S/3W	22E 1	90TH AV & G ST (MAP)	Oakland	?	1/15/1985	1.22E+08	37745300	0	2S/3W 22E	3295	0	OAK	2/76	0	0	0	0	GEO*
	2S/3W	22E 10	9201 San Leandro Street	Oakland	Paco Pumps 9MW3	4/30/1993	1.22E+08	37742685	1	2S/3W 22E	0	0	OAK	Nov-92	0	21	11	4	MON
	2S/3W	22E 11	9201 San Leandro Street	Oakland	Paco Pumps 9MW4	4/30/1993	1.22E+08	37742685	1	2S/3W 22E	0	0	OAK	Nov-92	0	21	9	4	MON
	2S/3W	22E 12	9235 San Leandro St	Oakland	St Vincent De Paul	7/17/1997	1.22E+08	37742586	1	2S/3W 22E	0	0	OAK	3/95	0	20	12	2	MON
	2S/3W	22E 13	8707 San Leandro St	Oakland	St Vincent De Paul	7/17/1997	1.22E+08	37745064	1	2S/3W 22E	0	0	OAK	6/96	0	17	5	2	MON
	2S/3W	22E 14	9235 San Leandro St	Oakland	St Vincent De Paul	7/18/1997	1.22E+08	37742586	1	2S/3W 22E	0	0	OAK	3/95	0	20	12	2	MON
	2S/3W	22E 15	9235 San Leandro St	Oakland	St Vincent De Paul	7/18/1997	1.22E+08	37742586	1	2S/3W 22E	0	0	OAK	3/95	0	20	12	2	MON
	2S/3W	22E 16	9201 San Leandro St	Oakland	Paco Pumps, Inc	6/19/1997	1.22E+08	37742685	1	2S/3W 22E	0	0	OAK	6/94	0	20	8	4	MON
95840	2S/3W	22E 17	8855 San Leandro St	Oakland	Lockup Self Storage	3/12/1998	1.22E+08	37744525	1	2S/3W 22E	0	0	OAK	1/96	0	25	9	2	MON
95840	2S/3W	22E 18	8855 San Leandro St	Oakland	Lockup Self Storage	3/12/1998	1.22E+08	37744525	1	2S/3W 22E	0	0	OAK	1/96	0	25	10	2	MON
95840	2S/3W	22E 19	8855 San Leandro St	Oakland	Lockup Self Storage	3/12/1998	1.22E+08	37744525	1	2S/3W 22E	0	0	OAK	1/96	0	25	10	2	MON
	2S/3W	22E 2	9131 San Leandro Street	Oakland	Carolyn Ratliff	7/6/1990	1.22E+08	37743516	0	2S/3W 22E	465	0	OAK	Dec-89	0	20	8	2	MON
95840	2S/3W	22E 20	8855 San Leandro St	Oakland	Lockup Self Storage	3/12/1998	1.22E+08	37744525	1	2S/3W 22E	0	0	OAK	1/96	0	25	10	2	MON
	2S/3W	22E 3	9131 San Leandro Street	Oakland	Carolyn Ratliff	7/6/1990	1.22E+08	37743516	0	2S/3W 22E	466	0	OAK	Dec-89	0	18	9	2	MON
	2S/3W	22E 4	9131 San Leandro Street	Oakland	Carolyn Ratliff	7/6/1990	1.22E+08	37743516	0	2S/3W 22E	467	0	OAK	Dec-89	0	18	9	2	MON
	2S/3W	22E 5	9131 San Leandro Street	Oakland	Carolyn Ratliff	7/6/1990	1.22E+08	37743516	0	2S/3W 22E	468	0	OAK	Dec-89	0	19	8	2	MON
	2S/3W	22E 6	9131 San Leandro Street	Oakland	Carolyn Ratliff	7/6/1990	1.22E+08	37743516	0	2S/3W 22E	469	0	OAK	Dec-89	0	20	13	2	MON
	2S/3W	22E 7	9131 San Leandro Street	Oakland	Carolyn Ratliff	7/6/1990	1.22E+08	37743516	0	2S/3W 22E	470	0	OAK	Dec-89	0	15	8	2	MON
	2S/3W	22E 8	9201 San Leandro Street	Oakland	Paco Pumps 9MW1	4/30/1993	1.22E+08	37742685	1	2S/3W 22E	0	0	OAK	Nov-92	0	21	10	4	MON
	2S/3W	22E 9	9201 San Leandro Street	Oakland	Paco Pumps 9MW2	4/30/1993	1.22E+08	37742685	1	2S/3W 22E	0	0	OAK	Nov-92	0	21	10	4	MON
	2S/3W	22F 1	8717 G ST	Oakland	BROCKWAY GLASS CO.	7/30/1984	1.22E+08	37747180	0	2S/3W 22F	3296	6327250	OAK	8/75	0	0	0	0	GEO*
	2S/3W	22F 2	888 92ND AVE	Oakland	PUGET SOUND PIPE	8/8/1988	1.22E+08	37743834	0	2S/3W 22F	6672	0	OAK	Jun-88	0	24	13	2	MON
	2S/3W	22F 2	888 92ND AVE	Oakland	PUGET SOUND PIPE	12/16/1988	1.22E+08	37743834	0	2S/3W 22F	6673	0	OAK	Jun-88	0	24	13	2	MON
	2S/3W	22F 3	888 92ND AVE	Oakland	PUGET SOUND PIPE	12/16/1988	1.22E+08	37743834	0	2S/3W 22F	3297	0	OAK	Jun-88	0	25	13	2	MON

Permit	Tr	Section	Address	Longitude	Owner	Update	Xcoord	Ycoord	Matchleve	Tsraq	Rec code	Phone	City	Drilldate	Elevation	Totaldept	Waterdep	Diameter	Use
		2S/3W	22F 4	888 92ND AVE	Oakland	12/16/1988	1.22E+08	37743834	0	2S/3W 22F	3298	0	OAK	Jun-88	0	25	13	2	MON
		2S/3W	22F 5	888 92ND AVE	Oakland	12/16/1988	1.22E+08	37743834	0	2S/3W 22F	3299	0	OAK	Jun-88	0	25	13	2	MON
		2S/3W	22F 6	888 92ND AVE	Oakland	11/6/1989	1.22E+08	37743834	0	2S/3W 22F	3300	0	OAK	Jun-88	0	25	13	2	MON
		2S/3W	22F 7	888 92ND AVE	Oakland	11/6/1989	1.22E+08	37743834	0	2S/3W 22F	3301	0	OAK	Jun-88	0	24	13	2	MON
		2S/3W	22F 8	888 92ND AVE	Oakland	11/6/1989	1.22E+08	37743834	0	2S/3W 22F	3302	0	OAK	Jun-88	0	25	13	2	MON
		2S/3W	22F 9	845 92nd Avenue	Oakland	4/30/1993	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	Nov-92	0	20	9	4	MON
		2S/3W	22F10	845 92nd Avenue	Oakland	4/30/1993	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	Nov-92	0	21	11	4	MON
		2S/3W	22F11	845 92nd Avenue	Oakland	7/22/1993	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	Nov-92	0	21	10	4	MON
		2S/3W	22F12	845 92nd Avenue	Oakland	7/22/1993	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	Nov-92	0	21	11	4	MON
		2S/3W	22F13	845 92nd Avenue	Oakland	7/22/1993	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	Nov-92	0	21	11	4	MON
		2S/3W	22F14	845 92nd Avenue	Oakland	7/22/1993	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	Nov-92	0	21	9	4	MON
		2S/3W	22F15	845 92nd Av	Oakland	9/17/1997	1.22E+08	37743594	1	2S/3W 22F	0	0	OAK	6/95	0	20	15	4	MON
		2S/3W	22F16	860 92nd Av	Oakland	9/19/1997	1.22E+08	37743558	1	2S/3W 22F	0	0	OAK	5/97	0	20	12	2	MON
		2S/3W	22F17	860 92nd Av	Oakland	9/19/1997	1.22E+08	37743558	1	2S/3W 22F	0	0	OAK	5/97	0	20	12	2	MON
96509		2S/3W	22F18	860 92nd Av	Oakland	12/26/1997	1.22E+08	37743199	1	2S/3W 22F	0	0	OAK	7/96	0	20	11	2	MON
		2S/3W	22G 1	94TH AVE	Oakland	7/30/1984	1.22E+08	37749625	2	2S/3W 22C	3303	0	OAK	5/73	0	120	0	0	CAT
		2S/3W	22G 2	ELMHURST ST	Oakland	7/30/1984	1.22E+08	37743602	9	2S/3W 22C	3304	0	OAK	6/81	0	65	0	0	CAT
		2S/3W	22J 1	9957 MEDFORD AV	Oakland	7/30/1984	1.22E+08	37738687	0	2S/3W 22J	3305	0	OAK	/46	0	950	0	14	IND
		2S/3W	22K	1025 98th Ave.	Oakland	7/27/1993	1.22E+08	37740754	1	2S/3W 22K	0	0	OAK	8/92	0	10	10	0	BOR
		2S/3W	22K 1	9838 Gould St	Oakland	9/25/1992	1.22E+08	37739660	1	2S/3W 22K	8100	0	OAK	Nov-91	105	25	13	2	MON
		2S/3W	22K 2	9838 Gould St	Oakland	9/25/1992	1.22E+08	37739660	1	2S/3W 22K	8101	0	OAK	Nov-91	106	25	13	2	MON
		2S/3W	22K 3	9838 Gould St	Oakland	9/25/1992	1.22E+08	37739660	1	2S/3W 22K	8102	0	OAK	Nov-91	105	30	0	2	MON
		2S/3W	22K 4	1025 98th Ave.	Oakland	7/27/1993	1.22E+08	37740739	1	2S/3W 22K	0	0	OAK	8/92	0	19	10	2	MON
		2S/3W	22K 5	1083 98th Ave.	Oakland	12/29/1994	1.22E+08	37741274	1	2S/3W 22K	0	0	OAK	1/94	17	19	12	2	MON
		2S/3W	22K 6	1110 98th Av	Oakland	7/16/1997	1.22E+08	37741452	1	2S/3W 22K	0	0	OAK	4/94	30	25	13	2	MON
		2S/3W	22K 7	930 98th Ave	Oakland	9/19/1997	1.22E+08	37739402	1	2S/3W 22K	0	0	OAK	4/96	0	26	12	2	MON
		2S/3W	22K 8	930 98th Ave	Oakland	1/5/1999	1.22E+08	37739430	1	2S/3W 22K	0	635	OAK	1/91	0	551	0	14	IND
		2S/3W	22L	921 98th Ave.	Oakland	3/8/1991	1.22E+08	37739278	0	2S/3W 22L	1162	0	OAK	Dec-90	0	25	13	4	MON
		2S/3W	22L 1	888 92ND AVE	Oakland	12/13/1984	1.22E+08	37743834	0	2S/3W 22L	3306	0	OAK	9/54	0	950	0	14	IND
		2S/3W	22L 2	921 98TH AV	Oakland	8/7/1984	1.22E+08	37739278	0	2S/3W 22L	3307	6332209	OAK	7/32	21	953	62	14	IND
		2S/3W	22L 3	921 98TH AV	Oakland	7/30/1984	1.22E+08	37739278	0	2S/3W 22L	3308	0	OAK	Nov-67	0	957	0	14	IND
		2S/3W	22L 4	921 98th Ave.	Oakland	3/8/1991	1.22E+08	37739278	0	2S/3W 22L	1161	0	OAK	Nov-90	0	30	12	2	MON
		2S/3W	22L 5	921 98th Ave	Oakland	3/27/1991	1.22E+08	37739278	0	2S/3W 22L	1506	0	OAK	8/90	41	28	20	3	MON
		2S/3W	22L 6	921 98th Ave	Oakland	3/27/1991	1.22E+08	37739278	0	2S/3W 22L	1507	0	OAK	9/90	0	26	15	2	MON
		2S/3W	22L 7	921 98th Ave	Oakland	3/27/1991	1.22E+08	37739278	0	2S/3W 22L	1508	0	OAK	9/90	0	25	15	2	MON
		2S/3W	22L 8	921 98th Ave	Oakland	3/27/1991	1.22E+08	37739278	0	2S/3W 22L	1509	0	OAK	9/90	0	25	15	2	MON
		2S/3W	22M 1	711 LOUISIANA	Oakland	7/30/1984	1.22E+08	37739597	2	2S/3W 22M	3309	0	OAK	?	0	0	5	6	IRR
		2S/3W	22N	Edes Ave & Rossmoor	Oakland	6/13/1991	1.22E+08	37736707	9	2S/3W 22N	1709	0	OAK	4/90	0	282	35	6	IRR
97WR111		2S/3W	22N 3	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	13	2	MON
97WR111		2S/3W	22N 4	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	12	2	MON
97WR111		2S/3W	22N 5	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	12	2	MON
97WR111		2S/3W	22N 6	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	12	2	MON
97WR111		2S/3W	22N 7	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	10	2	MON
97WR111		2S/3W	22N 8	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	9	2	MON
97WR111		2S/3W	22N 9	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	10	2	MON
97WR111		2S/3W	22N 10	9755 Edes Av	Oakland	3/29/1998	1.22E+08	37736001	1	2S/3W 22N	0	0	OAK	9/97	0	22	13	2	MON
		2S/3W	22P	98th & Edes	Oakland	5/30/1990	1.22E+08	37735900	3	2S/3W 22F	71	0	OAK	2/90	99	0	0	2	BOR
		2S/3W	22P 1	9824 HESKET DR	Oakland	7/30/1984	1.22E+08	37730600	2	2S/3W 22F	3310	0	OAK	/54	0	22	0	4	IRR
		2S/3W	22P 2	801 98TH AV	Oakland	8/7/1984	1.22E+08	37736692	9	2S/3W 22F	3311	5691100	OAK	4/48	22	602	52	14	IND
		2S/3W	22P 3	801 98TH AV	Oakland	7/30/1984	1.22E+08	37736692	9	2S/3W 22F	3312	0	OAK	?	22	0	0	10	IND+
		2S/3W	22P 4	9401 SAN LEANDRO STREET	Oakland	2/24/1988	1.22E+08	37741264	0	2S/3W 22F	3313	0	OAK	4/87	0	22	10	2	MON
		2S/3W	22P 5	9401 SAN LEANDRO STREET	Oakland	2/24/1988	1.22E+08	37741264	0	2S/3W 22F	3314	0	OAK	4/87	0	23	10	2	MON
		2S/3W	22P 6	9401 SAN LEANDRO STREET	Oakland	2/24/1988	1.22E+08	37741264	0	2S/3W 22F	3315	0	OAK	4/87	0	22	11	2	MON
		2S/3W	22P 7	98th & Edes	Oakland	5/30/1990	1.22E+08	37735900	3	2S/3W 22F	66	0	OAK	2/90	99	23	11	2	MON
		2S/3W	22P 8	98th & Edes	Oakland	5/30/1990	1.22E+08	37735900	3	2S/3W 22F	67	0	OAK	2/90	100	29	13	2	MON
		2S/3W	22P 9	98th & Edes	Oakland	10/26/1988	1.22E+08	37736692	9	2S/3W 22F	3316	0	OAK	May-88	0	20	9	2	MON
		2S/3W	22P07	9401 SANLEANDRO ST.	Oakland		0	0	9	2S/3W 22F	7089	0	OAK	May-88	0	20	9	2	MON
		2S/3W	22P08				0	0	9	2S/3W 22F	7090	0	OAK	May-88	0	20	9	2	MON
		2S/3W	22P09				0	0	9	2S/3W 22F	7090	0	OAK	May-88	0	20	9	2	MON
		2S/3W	22P10	98th & Edes	Oakland	5/30/1990	1.22E+08	37735900	3	2S/3W 22F	69	0	OAK	2/90	101	23	14	2	MON

<u>Permit</u>	<u>Tr</u>	<u>Section</u>	<u>Address</u>	<u>Longcity</u>	<u>Owner</u>	<u>Update</u>	<u>Xcoord</u>	<u>Ycoord</u>	<u>Matchleve</u>	<u>Tsrqg</u>	<u>Rec_code</u>	<u>Phone</u>	<u>City</u>	<u>Drilldate</u>	<u>Elevation</u>	<u>Totaldept</u>	<u>Waterdep</u>	<u>Diameter</u>	<u>Use</u>
2S/3W	22P10						0	0	9	2S/3W 22F	6845	0		May-88	0	20	10		2 MON
2S/3W	22P11	98th & Edes		Oakland	City of Oak. Construction	5/30/1990	1.22E+08	37735900	3	2S/3W 22F	68	0	OAK	2/90	100	22	8		2 MON
2S/3W	22P12	98th & Edes		Oakland	City of Oak. Construction	5/30/1990	1.22E+08	37735900	3	2S/3W 22F	70	0	OAK	2/90	101	23	15		2 MON
2S/3W	22P13	98th Av./San Leandro St.		Oakland	City of Oakland	7/25/1990	1.22E+08	37738500	3	2S/3W 22F	690	0	OAK	Oct-89	0	24	11		2 MON
2S/3W	22P14	98th Av./San Leandro St.		Oakland	City of Oakland	7/25/1990	1.22E+08	37738500	3	2S/3W 22F	691	0	OAK	Oct-89	0	22	10		2 MON
2S/3W	22P15	98th Av./San Leandro St		Oakland	City of Oakland	7/25/1990	1.22E+08	37738500	3	2S/3W 22F	692	0	OAK	Oct-89	0	22	15		2 MON
2S/3W	22P16	98th Av./San Leandro St.		Oakland	City of Oakland	7/25/1990	1.22E+08	37738500	3	2S/3W 22F	693	0	OAK	Oct-89	0	26	0		2 MON
2S/3W	22P17	98th Av./San Leandro St.		Oakland	City of Oakland	7/25/1990	1.22E+08	37738500	3	2S/3W 22F	694	0	OAK	Oct-89	0	41	11		2 MON
2S/3W	22P18	98th Av./San Leandro St.		Oakland	City of Oakland	7/25/1990	1.22E+08	37738500	3	2S/3W 22F	695	0	OAK	Nov-89	0	19	0		2 MON
2S/3W	22P19	1901 San Leandro St.		Oakland	Gerber Products	2/27/1991	1.22E+08	37736692	9	2S/3W 22F	1051	0	OAK	Nov-90	0	59	43		2 MON
2S/3W	22P20	1901 San Leandro St.		Oakland	Gerber Products	2/27/1991	1.22E+08	37736692	9	2S/3W 22F	1052	0	OAK	8/89	40	21	10		4 MON
2S/3W	22P21	98th Ave & San Leandro St		Oakland	City Attorney, Oakland	3/28/1991	1.22E+08	37738500	0	2S/3W 22F	1538	0	OAK	8/90	0	35	24		2 MON
2S/3W	22Q 1	9957 MEDFORD AV		Oakland	MEDEZES BROS	7/30/1984	1.22E+08	37738687	0	2S/3W 22C	3317	6388750	OAK	7/56	0	598	115		14 IND
2S/3W	22Q 2	98TH&SAN LEANDRO ST		Oakland	FLEISCHMAN YEAST	7/30/1984	1.22E+08	37738500	0	2S/3W 22C	3318	0	OAK	?	0	944	0		0 IND
2S/3W	22Q 3	10222 Pearmain		Oakland	Melrose Metal Fab MW-1	9/8/1992	1.22E+08	37735297	1	2S/3W 22C	7791	0	OAK	6/91	0	25	16		2 MON
2S/3W	22R 1	103RD AVE		Oakland	PG&E	7/30/1984	1.22E+08	37737300	2	2S/3W 22F	3319	0	OAK	3/73	0	120	0		0 CAT