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By Alameda County Environmental Health at 9:44 am, Feb 22, 2013

February 21, 2013

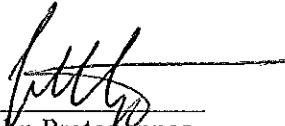
Mr. Jerry Wickham, PG  
Senior Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

**Re: 2,000-Foot-Radius Well Search Report**  
P&D 23<sup>rd</sup> Avenue Associates  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018H  
ACEH Fuel Case Leak No. RO0000294

Dear Mr. Wickham,

As the legally authorized representative of the above-referenced project location I have reviewed the attached report prepared by my consultant of record, Clearwater Group. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document are true and correct to the best of my knowledge.

Sincerely,

  
\_\_\_\_\_  
John Protopappas



February 21, 2013

Mr. Jerry Wickham, PG  
Senior Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

**Re: 2,000-Foot-Radius Well Search Report**  
P&D 23<sup>rd</sup> Avenue Associates, LLC  
(Formerly 23<sup>rd</sup> Avenue Partners)  
1125 Miller Avenue  
Oakland, CA  
Clearwater Group Project Number CB018H  
ACEH File Number RO0000249

Dear Mr. Wickham,

Clearwater Group (Clearwater), on behalf of Mr. John Protopappas representing P&D 23<sup>rd</sup> Avenue Associates, LLC (formerly 23<sup>rd</sup> Avenue Partners), is pleased to present the *2,000-Foot-Radius Well Search Report* prepared for the project site (*site*) located at 1125 Miller Avenue, Oakland, in Alameda County, California (**Figure 1**).

### **Introduction**

Alameda County Environmental Health Services (ACEH), in a letter dated December 5, 2012 (**Attachment A**), requested that Clearwater complete a well survey for a 2,000-foot radius for the *site*. A U.S. Geological Survey topographic map showing the location of the *site* and a circle around the *site* with a 2,000-foot radius is attached with this report as **Figure 1**. The well survey was requested by the ACEH as part of the currently incomplete investigation of a release from an Underground Storage Tank (UST) system at the *site*. Groundwater has been impacted by petroleum constituents sourcing from the *site*. The *site* may qualify for a low risk closure status, with no further investigation, if there are no supply wells within the 2,000-foot radius which are in use.

### **Well Survey**

#### *ACPWA Well Search*

Clearwater submitted a request to Ms. Victoria Hamlin of the Alameda County Public Works Agency (ACPWA) for the agency's available information about wells within a 2,000-foot radius of the *site*. On January 17, 2013, ACPWA provided tables via e-mail to Clearwater that



transmitted the findings of the ACPWA database search. Ms. Hamlin stated in her transmittal that the search area is in Township T2S, Range R3W, and included all or part of Section 6 Tracts J, K, L, M, N, P, Q, R; and Section 7 Tracts A, B, C, D, F, G. Ms. Hamlin also stated that there were no results for wells in the search area in the ACPWA database in the Section Tracts identified above by underlines.

A total of 22 site locations with a total of 77 well records in the study area were included in the spreadsheet provided by ACPWA. All wells identified by ACPWA within 2,000 feet of the *site* (including destroyed wells and abandoned but not destroyed wells) and associated well information are summarized in **Table 1**. Almost all the wells were groundwater monitoring wells that extended to a maximum depth of 47 feet, with the exception of one well that had a total depth of 345 feet; however, this well had been abandoned, had not been used, but had not been destroyed through a permitted process. The locations of the wells identified from the ACPWA data that are shown on **Figure 2** were located using the site address provided by ACPWA and the internet service Google Earth. The wells in **Table 1** that are not identified as groundwater monitoring wells are highlighted in bold.

#### *DWR Well Search*

Clearwater also submitted a request to Mr. Oleg Yakimov of the California Department of Water Resources (DWR) for available well information within a 2-mile radius of the *site*. DWR provided a total of 1,796 tif images on a compact disk, some of which consisted of multiple images. Review of these images showed that a total of 66 wells were identified within a 2,000-foot radius of the *site*. Information regarding the wells from the DWR database that are located within 2,000 feet of the *site* is summarized in **Table 2**. The majority of the wells are groundwater monitoring wells extending to a maximum of 92 feet, with the exception of one well, which was not identified in the ACPWA database and had a reported depth of 681 feet. The locations of the wells identified from the DWR data that are shown on **Figure 3** were located using the site address provided by DWR and the internet service Google Earth. The wells in **Table 2** that are not identified as monitoring wells are highlighted in bold.

#### *Sanborn Well Search*

Clearwater ordered a specialized (14 tile) Sanborn Map report from Environmental Data Resources and searched the map set for the locations of water tanks within a 2,000-foot radius of the *site*. The results of the water tank search are summarized in **Table 3**, and the locations of the sites listed in **Table 3** are displayed on **Figure 4**.

#### *Geotracker Site Search*

Clearwater searched the State of California Geotracker Database for sites located within a 2,000-foot radius of the *site* and identified nine open cases and 18 cases which have been closed. The sites identified within a 2,000-foot radius are listed in **Table 4**.



## **Hydrogeology**

Review of **Figure 1** shows that the Brooklyn Basin (connected to San Francisco Bay by way of a Tidal Canal to the south and the Oakland Inner Harbor to the north) is located approximately 1,900 feet to the west of the *site*.

Groundwater monitoring wells have never been installed at the *site*, so historic depth-to-water and groundwater flow direction data are not available. Review of information on groundwater flow direction for nearby sites with groundwater monitoring wells shows that the groundwater flow direction at 2200 East 12<sup>th</sup> Street (located approximately 1,300 feet northwest of the *site*) has historically been to the west-southwest, and the groundwater flow direction at 2345 International Boulevard (located approximately 950 feet northeast of the *site*) has historically been to the southwest.

## **Discussion and Recommendations**

The closest well to the *site* that is not a groundwater monitoring well that was identified during the well search is located at 1091 Calcot Street. The location of the well at the site is unknown; however, it is listed as being abandoned and not being used but not having been destroyed through a permitted process.

Clearwater does not recommend that any further boreholes be drilled to confirm that the extent of impacted groundwater in the vicinity of the *site* has been defined. Clearwater instead recommends that low-risk case closure be considered.

## **Geotracker Upload**

This report, upon its completion and certification, will be converted to PDF format and uploaded to the Geotracker website, per the January 1, 2005, GEO\_REPORT requirement.

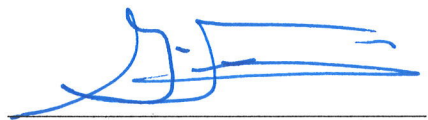
**Report Limitation**

All work performed under this contract was directed by a licensed professional. The work was performed in accordance with generally accepted practices at the time the work was performed and completed in accordance with generally acceptable standards. In the course of normal business, recommendations by the in-house professional may include the use of equipment, services, or products in which the Company has an interest. Therefore, the Company is making full disclosure of potential or perceived conflicts of interest to all parties.

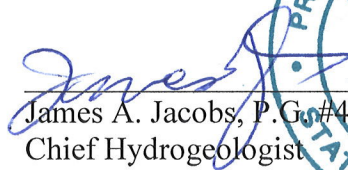
This report was prepared under the supervision of a State of California Professional Geologist, Engineer, or other licensed professional. Statements, conclusions, and recommendations made in this report are based on information provided to Clearwater, observations of existing site conditions, our general knowledge of the site, limited testing of selected soil and groundwater samples, and interpretations of a limited set of data. Clearwater cannot be held responsible for the accuracy of the analytical work performed by others.

Information and interpretation presented herein are for the use of the client. Third parties should rely upon the information and interpretation contained in this document at their own risk. No other warranties, certifications, or representations, either expressed or implied, are made about the information supplied in this report. The service performed by Clearwater has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area of the site.

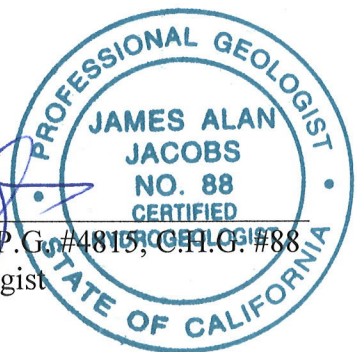
Sincerely,  
**CLEARWATER GROUP**



Gavin P. Fisco  
Project Manager



James A. Jacobs, P.G. #4815, C.H.G. #88  
Chief Hydrogeologist



Olivia Jacobs  
Chief Executive Officer



**Figures**

- Figure 1: Site Vicinity Map
- Figure 2: Well Locations Identified in ACPWA Well Search
- Figure 3: Well Locations Identified in DWR Well Search
- Figure 4: Water Tank Locations Identified On Sanborn Maps

**Tables**

- Table 1: Well Locations Identified in ACPWA Well Search
- Table 2: Well Locations Identified in DWR Well Search
- Table 3: Well and Tank Locations Identified in Sanborn Map Well Search
- Table 4: Site Locations Identified in Geotracker Database

**Attachment**

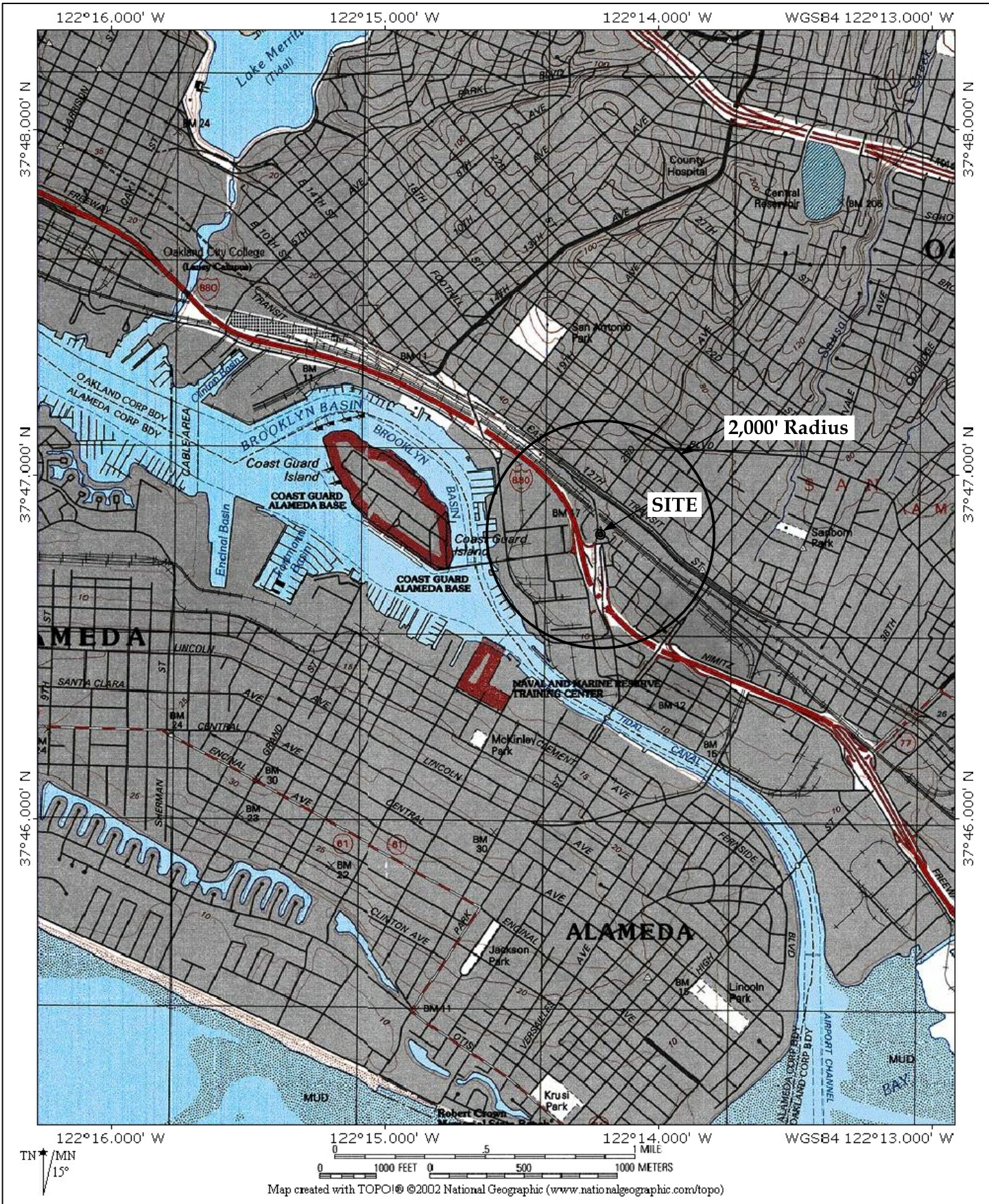
- Attachment A: Letter Correspondence from Alameda County Environmental Health Services dated December 5, 2012

cc: Mr. John Protopappas  
Madison Park Financial Corp.  
155 Grand Ave., Suite 1025  
Oakland, CA 94612

Mr. Leroy Griffin  
Oakland Fire Department  
250 Frank H. Ogawa Plaza, Suite 3341  
Oakland, CA 94612

Alameda County Environmental Health Services  
(Sent via electronic upload to the Geotracker website and ACEH ftp site)

# FIGURES



**Site Vicinity Map**

1125 Miller Avenue  
Oakland, California

**CLEARWATER GROUP**

Project No.  
CB018

Figure Date  
02/13

Figure  
1





- 13 Location of wells provided in ACPWA Well Search Request
- ⊙ Deep Well Location

Note: Well data for plotted wells is referenced in Table 1.

**Well Locations Identified in ACPWA Well Search**

1125 Miller Avenue  
Oakland, California

**CLEARWATER GROUP**

Project No. <b>CB018H</b>	Figure Date <b>02/13</b>	Figure <b>2</b>
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- 4 Location of wells provided in DWR Well Search Request
- ⊙ Deep Well Location

Note: Well data for plotted wells is referenced in Table 2.

**Well Locations Identified  
in DWR Well Search**

1125 Miller Avenue  
Oakland, California

**CLEARWATER GROUP**

Project No. <b>CB018H</b>	Figure Date <b>02/13</b>	Figure <b>3</b>
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Ⓐ Location identified in Sanborn Map set

Note: Data for plotted locations are referenced in Table 3.

**Water Tank Locations Identified  
On Sanborn Maps**

1125 Miller Avenue  
Oakland, California

**CLEARWATER GROUP**

Project No.  
**CB018H**

Figure Date  
**02/13**

Figure  
**4**

# TABLES

**Table 1**  
**Well Locations Identified in ACPWA Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

CWG Map Location Designation	Owner Well Designation	Well Location	Total Depth	Well Diameter	Screened Interval	Drilling Date	Current Status	Historic Use	Well Owner
			(feet)	(inches)	(feet - feet)				
1	-	2032 East 12th Street, Oakland	19	2	-	06/91	Assumed in Use	Monitoring	Stanley Wong
	-	2032 East 12th Street, Oakland	27	2	-	05/91	Assumed in Use	Test Well	Stanley Wong
	-	2032 East 12th Street, Oakland	27	2	-	05/91	Assumed in Use	Test Well	Stanley Wong
2	-	2142 East 12th Street, Oakland	21	2	-	10/89	Assumed in Use	Monitoring	Shell Oil Company
	-	2142 East 12th Street, Oakland	20	2	-	10/89	Assumed in Use	Monitoring	Shell Oil Company
	-	2142 East 12th Street, Oakland	22	2	-	10/89	Assumed in Use	Monitoring	Shell Oil Company
	-	2142 East 12th Street, Oakland	20	2	-	10/89	Assumed in Use	Monitoring	Shell Oil Company
3	MW-1	2200 East 12th Street, Oakland	27	2	-	05/91	Assumed in Use	Test Well	Stanley Wong
	MW-2	2200 East 12th Street, Oakland	27	2	-	05/91	Assumed in Use	Test Well	Stanley Wong
	MW-3	2200 East 12th Street, Oakland	27	2	-	05/91	Assumed in Use	Test Well	Stanley Wong
	-	2200 East 12th Street, Oakland	14	19	-	11/90	Destroyed	Destroyed	Texaco
	-	2200 East 12th Street, Oakland	18	2	-	07/88	Assumed in Use	Monitoring	Texaco Station # 62488000088
	-	2200 East 12th Street, Oakland	20	2	-	07/88	Assumed in Use	Monitoring	Texaco Station # 62488000088
	-	2200 East 12th Street, Oakland	17	2	-	07/88	Assumed in Use	Monitoring	Texaco Station # 62488000088
	-	2200 East 12th Street, Oakland	17	4	-	12/88	Assumed in Use	Monitoring	Texaco
	-	2200 East 12th Street, Oakland	19	4	-	12/88	Assumed in Use	Monitoring	Texaco
	-	2200 East 12th Street, Oakland	16	4	-	12/88	Assumed in Use	Monitoring	Texaco
4	MW-1	2301 East 12th Street, Oakland	28	2	-	12/91	Assumed in Use	Monitoring	B + B Inc.
	MW-2	2301 East 12th Street, Oakland	19	2	-	07/92	Assumed in Use	Monitoring	B + B Inc.
	MW-3	2301 East 12th Street, Oakland	19	2	-	07/92	Assumed in Use	Monitoring	B + B Inc.
5	-	2200 East 14th Street, Oakland	15	4	-	09/90	Assumed in Use	Monitoring	Lili Goode
	-	2200 East 14th Street, Oakland	19	4	-	09/90	Assumed in Use	Monitoring	Lili Goode
	-	2200 East 14th Street, Oakland	21	4	-	09/90	Assumed in Use	Monitoring	Lili Goode
	-	2200 East 14th Street, Oakland	20	2	-	09/95	Assumed in Use	Monitoring	Exxon Company USA
	-	2200 East 14th Street, Oakland	20	2	-	09/95	Assumed in Use	Monitoring	Exxon Company USA
6	-	2345 East 14th Street, Oakland	34	2	-	07/93	Assumed in Use	Monitoring	Aaron & Stanley Wong
	-	2345 East 14th Street, Oakland	24	2	-	07/93	Assumed in Use	Monitoring	Aaron & Stanley Wong
	MW2	2345 East 14th Street, Oakland	35	2	-	08/91	Assumed in Use	Test Well	Stanley Wong
	MW3	2345 East 14th Street, Oakland	35	2	-	08/91	Assumed in Use	Test Well	Stanley Wong
	MW1	2345 East 14th Street, Oakland	35	2	-	05/91	Assumed in Use	Monitoring	Stanley Wong
	-	2345 East 14th Street, Oakland	27	4	-	08/91	Assumed in Use	Monitoring	Stanley Wong
7	-	2509 East 14th Street, Oakland	29	2	-	12/89	Assumed in Use	Test Well	East Bay Asian Local Deve
	-	2509 East 14th Street, Oakland	25	2	-	12/89	Assumed in Use	Test Well	East Bay Asian Local Deve
	-	2509 East 14th Street, Oakland	23	2	-	12/89	Assumed in Use	Test Well	East Bay Asian Local Deve
8	MW-15	2530 East 14th Street, Oakland	18	2	-	06/94	Assumed in Use	Monitoring	Oakland Community Housing
	MW-16	2530 East 14th Street, Oakland	17	2	-	06/94	Assumed in Use	Monitoring	Oakland Community Housing
	MW-17	2530 East 14th Street, Oakland	17	2	-	06/94	Assumed in Use	Monitoring	Oakland Community Housing
	-	2530 East 14th Street, Oakland	19	2	-	03/90	Assumed in Use	Test Well	Stark, Wells, Rahl & Schw
	-	2530 East 14th Street, Oakland	18	2	-	03/90	Assumed in Use	Test Well	Stark, Wells, Rahl & Schw
	-	2530 East 14th Street, Oakland	18	2	-	03/90	Assumed in Use	Test Well	Stark, Wells, Rahl & Schw

**Table 1**  
**Well Locations Identified in ACPWA Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

CWG Map Location Designation	Owner Well Designation	Well Location	Total Depth	Well Diameter	Screened Interval	Drilling Date	Current Status	Historic Use	Well Owner
			(feet)	(inches)	(feet - feet)				
9	-	1050 22nd Avenue, Oakland	28	2	-	05/94	Assumed in Use	Monitoring	Cottonmill
<b>10</b>	-	<b>1091 Calcot Street, Oakland</b>	<b>345</b>	<b>0</b>	-	-	<b>Abandoned</b>	<b>Abandoned</b>	<b>Space 4 U Mgmt.</b>
11	-	1200 20th Avenue, Oakland	30	2	-	02/95	Assumed in Use	Monitoring	-
	-	1200 20th Avenue, Oakland	35	2	-	02/95	Assumed in Use	Monitoring	-
	-	1200 20th Avenue, Oakland	30	2	-	02/95	Assumed in Use	Monitoring	-
12	-	527 23rd Avenue, Oakland	17	2	-	06/93	Assumed in Use	Monitoring	Exchange Linen Service
	-	527 23rd Avenue, Oakland	20	2	-	06/93	Assumed in Use	Monitoring	Exchange Linen Service
	-	527 23rd Avenue, Oakland	17	2	-	06/93	Assumed in Use	Monitoring	Exchange Linen Service
13	-	534 23rd Avenue, Oakland	20	2	-	11/93	Assumed in Use	Monitoring	Fillmore Marks
	-	534 23rd Avenue, Oakland	20	2	-	01/96	Assumed in Use	Monitoring	Fillmore Marks
14	P-1	401 Kennedy Street, Oakland	20	2	-	12/91	Assumed in Use	Monitoring	Right Aaway Ready Mix
	P-2	401 Kennedy Street, Oakland	19	2	-	12/91	Assumed in Use	Monitoring	Right Aaway Ready Mix
	P-3	401 Kennedy Street, Oakland	19	2	-	12/91	Assumed in Use	Monitoring	Right Aaway Ready Mix
15	-	646 Kennedy Street, Oakland	16	2	-	05/93	Assumed in Use	Monitoring	Fidelity Packaging
	-	646 Kennedy Street, Oakland	17	2	-	05/93	Assumed in Use	Monitoring	Fidelity Packaging
	MW-1	646 Kennedy Street, Oakland	16	2	-	05/93	Assumed in Use	Monitoring	Fidelity Packaging
	MW-1	646 Kennedy Street, Oakland	17	2	-	05/93	Assumed in Use	Monitoring	Fidelity Packaging
16	-	727 Kennedy Street, Oakland	17	2	-	08/95	Assumed in Use	Monitoring	Glen Duncan for Saroni Fo
17	-	800 Kennedy Street, Oakland	20	2	-	12/93	Assumed in Use	Monitoring	Holt Graphics
18	MW1	955 Kennedy Street, Oakland	25	2	-	08/92	Assumed in Use	Monitoring	Kilpatrick's Bakeries
	MW2	955 Kennedy Street, Oakland	30	3	-	08/92	Assumed in Use	Monitoring	Kilpatrick's Bakeries
	MW3	955 Kennedy Street, Oakland	27	2	-	08/92	Assumed in Use	Monitoring	Kilpatrick's Bakeries
	MW4	955 Kennedy Street, Oakland	34	2	-	08/92	Assumed in Use	Monitoring	Kilpatrick's Bakeries
	MW5	955 Kennedy Street, Oakland	34	2	-	08/92	Assumed in Use	Monitoring	Kilpatrick's Bakeries
19	MW1	2100 Livingston Street, Oakland	25	2	-	09/92	Assumed in Use	Monitoring	Kilpatrick's Bakeries
	-	2100 Livingston Street, Oakland	22	2	-	06/88	Assumed in Use	Monitoring	Port of Oakland
	-	2100 Livingston Street, Oakland	20	2	-	11/88	Destroyed	Destroyed	Port of Oakland
	-	2100 Livingston Street, Oakland	23	2	-	06/88	Assumed in Use	Monitoring	Port of Oakland
	-	2100 Livingston Street, Oakland	47	2	-	06/88	Assumed in Use	Monitoring	Port of Oakland
	-	2100 Livingston Street, Oakland	20	2	-	06/88	Assumed in Use	Monitoring	Port of Oakland
	-	2100 Livingston Street, Oakland	0	2	-	-	-	-	Port of Oakland
20	W-9R	Embarcadero and Dennison Street	20	4	-	10/92	Assumed in Use	Monitoring	Port of Oakland
	W-9R	Embarcadero and Dennison Street	24	2	-	10/92	Destroyed	Destroyed	Port of Oakland
21	-	East 12th Street & 22nd Avenue, Oakland	17	2	-	10/95	Assumed in Use	Monitoring	Union Pacific Railroad
22	-	East 14th Street & 25th Avenue, Oakland	31	0	-	09/85	Assumed in Use	Monitoring	Standard Brands Paint Co.

**Notes:**

- Data not listed in ACPWA-provided database.
- Assumed in Use Wells are not listed as destroyed in the ACPWA-provided database and so are assumed to be in use.
- Bold** Wells highlighted in bold are not listed as monitoring wells in the ACPWA-provided database.

**Table 2**  
**Well Locations Identified in DWR Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

CWG Map Location	DWR Well Designation	Owner Well Designation	Well Location	Total Depth (feet)	Well Diameter (inches)	Screened Interval (feet - feet)	Installation Date	Current Status	Historic Use	Well Owner
1	341566	MW-1	2032 East 12th Street, Oakland	27	2	7 - 27	5/21/1991	Assumed in Use	Test Well	Wong, Stanley
	341566	MW-2	2032 East 12th Street, Oakland	27	2	7 - 27	5/21/1991	Assumed in Use	Test Well	Wong, Stanley
	341566	MW-3	2032 East 12th Street, Oakland	27	2	7 - 27	5/21/1991	Assumed in Use	Test Well	Wong, Stanley
2	168059	MW1	2142 East 12th Street, Oakland	20	2	3 - 20	10/25/1989	Assumed in Use	Monitoring	Shell Oil Company
	168057	MW2	2142 East 12th Street, Oakland	20	2	3 - 20	10/25/1989	Assumed in Use	Monitoring	Shell Oil Company
	168058	MW3	2142 East 12th Street, Oakland	20	2	3 - 20	10/25/1989	Assumed in Use	Monitoring	Shell Oil Company
	01-454S	MW4	2142 East 12th Street, Oakland	-	-	-	-	-	-	Shell Oil Company
3	01-406M	-	2200 East 12th Street, Oakland	18	2	-	06/10/1988	Assumed in Use	Monitoring	Texaco Inc.
	01-406N	-	2200 East 12th Street, Oakland	20	2	-	06/10/1988	Assumed in Use	Monitoring	Texaco Inc.
	01-406O	-	2200 East 12th Street, Oakland	17	2	-	06/10/1988	Assumed in Use	Monitoring	Texaco Inc.
	01-268L	-	2200 East 12th Street, Oakland	17	4	-	10/05/1988	Assumed in Use	Monitoring	Texaco Inc.
	288481	MW-9E	2200 East 12th Street, Oakland	19	12	-	11/02/1990	Destroyed	Monitoring	Texaco Refining/MKT
	288482	MW-9I	2200 East 12th Street, Oakland	16	4	3.5 - 14	11/02/1990	Assumed in Use	Monitoring	Texaco Refining/MKT
	01-268N	-	2200 East 12th Street, Oakland	16	4	-	11/23/1988	Assumed in Use	Monitoring	Texaco Inc.
	01-268O	-	2200 East 12th Street, Oakland	17	4	-	11/22/1988	Assumed in Use	Monitoring	Texaco Inc.
	01-268P	-	2200 East 12th Street, Oakland	17	4	-	11/23/1988	Assumed in Use	Monitoring	Texaco Inc.
4	NN	MW-1	2301 East 12th Street, Oakland	28	8	13 - 28	12/23/1991	Assumed in Use	Monitoring	-
5	316597	MW-1	2200 East 14th Street, Oakland	20	4	-	08/27/1990	Assumed in Use	Monitoring	Goode, Lili
	316596	MW-2	2200 East 14th Street, Oakland	18	4	-	08/27/1990	Assumed in Use	Monitoring	Goode, Lili
	316595	MW-3	2200 East 14th Street, Oakland	21	4	-	08/27/1990	Assumed in Use	Monitoring	Goode, Lili
6	341568	MW-1	2345 East 14th Street, Oakland	35	2	-	05/22/1991	Assumed in Use	Monitoring	Wong, Stanley
	342954A	MW-2	2345 East 14th Street, Oakland	35	2	-	08/26/1991	Assumed in Use	Monitoring	The Stanley Works
	342954A	MW-3	2345 East 14th Street, Oakland	35	2	-	08/26/1991	Assumed in Use	Monitoring	The Stanley Works
7	01-188	SB-01	East 14th Street and 25th Avenue, Oakland	32	7	-	09/13/1985	Assumed in Use	Monitoring	Standard Brands
8	259852	MW-1	2509 East 14th Street, Oakland	31	2	-	12/05/1989	Assumed in Use	Monitoring	East Bay Asian Local
	259853	MW-2	2509 East 14th Street, Oakland	26	2	-	12/05/1989	Assumed in Use	Monitoring	East Bay Asian Local
	259851	MW-3	2509 East 14th Street, Oakland	26	2	-	12/15/1989	Assumed in Use	Monitoring	East Bay Asian Local
9	260145	MW-12	2530 East 14th Street, Oakland	23	2	-	03/22/1990	Assumed in Use	Monitoring	Dinito, Martha S
	260146	MW-13	2530 East 14th Street, Oakland	22	2	-	03/23/1990	Assumed in Use	Monitoring	Dinito, Martha S
	260147	MW-14	2530 East 14th Street, Oakland	24	2	-	03/23/1990	Assumed in Use	Monitoring	Dinito, Martha S
10	01-1297	-	East 14th Street and 27th Avenue, Oakland	681	8 - 16	-	-	Assumed in Use	-	-
11	340365	MW-1	2100 Livingston Street, Oakland	25	2	14.5 - 24.5	09/02/1992	Assumed in Use	Monitoring	Kilpatrick's Bakerie
	01-466I	-	2000 Embarcadero Cove, Oakland	27	6	-	07/06/1990	Assumed in Use	Monitoring	Oakland City Center
	01-466S	-	2000 Embarcadero Cove, Oakland	92	-	-	06/06/1990	Assumed in Use	Monitoring	Western Federal Savings
12	01-466T	-	2000 Embarcadero Cove, Oakland	92	-	-	06/07/1990	Assumed in Use	Monitoring	Western Federal Savings
	168532	W16	Embarcadero Street and Dennison Street, Oakland	22	2	17 - 22	06/21/1988	Assumed in Use	Monitoring	Port of Oakland
	168533	W17	Embarcadero Street and Dennison Street, Oakland	20	2	15 - 20	06/23/1988	Assumed in Use	Monitoring	Port of Oakland
	168541	P1	Embarcadero Street and Dennison Street, Oakland	20	2	15 - 20	11/01/1988	Destroyed	Piezometer	Port of Oakland
	168534	W18	Embarcadero Street and Dennison Street, Oakland	23	2	18-23	06/21/1988	Assumed in Use	Monitoring	Port of Oakland
	168535	W19	Embarcadero Street and Dennison Street, Oakland	20	2	15 - 20	06/23/1988	Assumed in Use	Monitoring	Port of Oakland
	168540	P2	Embarcadero Street and Dennison Street, Oakland	20	2	15 - 20	11/01/1988	Destroyed	Piezometer	Port of Oakland
	168536	W20	Embarcadero Street and Dennison Street, Oakland	47	2	37 - 47	06/26/1988	Assumed in Use	Monitoring	Port of Oakland
	168537	W21	Embarcadero Street and Dennison Street, Oakland	20	2	15 - 20	06/13/1988	Assumed in Use	Monitoring	Port of Oakland
	168538	W22	Embarcadero Street and Dennison Street, Oakland	22	2	17 - 22	06/21/1988	Assumed in Use	Monitoring	Port of Oakland
	168539	W12R	Embarcadero Street and Dennison Street, Oakland	20	2	15 - 20	11/01/1988	Assumed in Use	Monitoring	Port of Oakland
13	496351	W-9R	Embarcadero Street and Dennison Street, Oakland	22	4	4.5 - 19.5	10/19/1992	Assumed in Use	Monitoring	Port of Oakland
	496350	W-9	Embarcadero Street and Dennison Street, Oakland	24	2	-	10/19/1992	Destroyed	Monitoring	Port of Oakland
	14	E0116460A	MW-SV-16	1899 Dennison Street, Oakland	13	2	-	-	Destroyed	-
	E0116460A	MW-SV-23	1899 Dennison Street, Oakland	10	2	-	-	Destroyed	-	City of Oakland
	E0116460A	MW-SV-21	1899 Dennison Street, Oakland	10	-	-	-	Destroyed	-	City of Oakland
	E0116460A	MW-SV-22	1899 Dennison Street, Oakland	0	-	-	-	Destroyed	-	City of Oakland

**Table 2**  
**Well Locations Identified in DWR Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

<b>CWG Map Location</b>	<b>DWR Well Designation</b>	<b>Owner Well Designation</b>	<b>Well Location</b>	<b>Total Depth (feet)</b>	<b>Well Diameter (inches)</b>	<b>Screened Interval (feet - feet)</b>	<b>Installation Date</b>	<b>Current Status</b>	<b>Historic Use</b>	<b>Well Owner</b>
15	01-510N	P-1	401 Kennedy Street, Oakland	20	2	-	12/27/1991	Assumed in Use	Piezometer	Right Away Redi Mix
	1168778	P-2	401 Kennedy Street, Oakland	20	2	-	12/27/1991	Assumed in Use	Piezometer	Right Away Redi Mix
	01-510P	P-3	401 Kennedy Street, Oakland	20	2	-	12/27/1991	Assumed in Use	Piezometer	Right Away Redi Mix
16	483819	EPMW-1	646 Kennedy Street, Oakland	16	2	5.9 - 15.5	05/12/1993	Assumed in Use	Monitoring	Fidelity Packaging
	483821	EPMW-2	646 Kennedy Street, Oakland	17	2	4 - 16.5	05/13/1993	Assumed in Use	Monitoring	Fidelity Packaging
17	340360	MW-1	955 Kennedy Street, Oakland	31	2	18 - 25	08/02/1992	Assumed in Use	Monitoring	Kilpatrick's Bakerie
	340361	MW-2	955 Kennedy Street, Oakland	30	3	18 - 29.5	08/27/1992	Assumed in Use	Monitoring	Kilpatrick's Bakerie
	340362	MW-3	955 Kennedy Street, Oakland	27	2	7 - 27	08/26/1992	Assumed in Use	Monitoring	Kilpatrick's Bakerie
	340363	MW-4	955 Kennedy Street, Oakland	33	2	19 - 34	08/26/1992	Assumed in Use	Monitoring	Kilpatrick's Bakerie
	340364	MW-5	955 Kennedy Street, Oakland	34	2	24 - 34	08/26/1992	Assumed in Use	Monitoring	Kilpatrick's Bakerie
18	E0112599	PMW-1A	2744 East 11th Street, Oakland	18	2	7 - 17	03/02/2010	Assumed in Use	Monitoring	Lucasey Manufacturing
	E0112604	PMW-1B	2744 East 11th Street, Oakland	26	2	17 - 25	03/02/2010	Assumed in Use	Monitoring	Lucasey Manufacturing
	E0112605	PMW-2B	2744 East 11th Street, Oakland	25	2	21 - 25	03/03/2010	Assumed in Use	Monitoring	Lucasey Manufacturing
	E0112606	PMW-2A	2744 East 11th Street, Oakland	18	2	7 - 17	03/03/2010	Assumed in Use	Monitoring	Lucasey Manufacturing
	E0112607	PMW-3	2744 East 11th Street, Oakland	15	2	7 - 14	05/25/2010	Assumed in Use	Monitoring	Lucasey Manufacturing

**Notes:**

- Data not listed on DWR Well Log or log not available.
- Assumed in Use Wells are not listed as destroyed in the DWR-provided database and so are assumed to be in use.
- Bold** Wells highlighted in bold are not listed as monitoring wells in the DWR-provided database.



**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets
Non-adjacent Tile: 22	1969	n/a		n/a	n/a	n/a	na
	1967	n/a		n/a	n/a	n/a	n/a
	1965	n/a		n/a	n/a	n/a	n/a
	1964	n/a		n/a	n/a	n/a	n/a
	1960	n/a		n/a	n/a	n/a	n/a
	1959	n/a		n/a	n/a	n/a	n/a
	1957	n/a		n/a	n/a	n/a	n/a
	1953	n/a		n/a	n/a	n/a	n/a
	1952	n/a		n/a	n/a	n/a	n/a
	1911	4	N	1217	215	Wind Mill - Water Tank?	22th Ave. Wind Mill Tank
1903	4	N	1217	215	Wind Mill - Water Tank?	22th Ave. Wind Mill Tank	
Non-adjacent Tile: 23	1969	n/a		n/a	n/a	n/a	n/a
	1967	n/a		n/a	n/a	n/a	n/a
	1965	n/a		n/a	n/a	n/a	n/a
	1964	n/a		n/a	n/a	n/a	n/a
	1960	n/a		n/a	n/a	n/a	n/a
	1959	n/a		n/a	n/a	n/a	n/a
	1957	n/a		n/a	n/a	n/a	n/a
	1953	n/a		n/a	n/a	n/a	n/a
	1952	n/a		n/a	n/a	n/a	n/a
	1950	n/a		n/a	n/a	n/a	n/a
	1911	1	N	1077	192	Water Tank - Wind Mill	E. 15th St. Wind Mill & Tank
	1911	2	Q	1149	193	Water Tank - Wind Mill	E. 16th St. Wind Mill & Tank
	1903	4	N	1217	193	Water Tank on Roof - Wind Mill	22nd Ave. Wind Mill & Tank on Roof
	1903	5	Q	1149	193	Water Tank - Wind Mill	E. 16th St. Wind Mill & Tank
Non-adjacent Tile: 30	1969	n/a		n/a	n/a	n/a	n/a
	1967	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Evans Harbor Co.
	1965	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Evans Harbor Co.
	1965	2	U	1924	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Office?
	1964	n/a		n/a	n/a	n/a	n/a
	1960	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Aberdeen Plywood
	1960	2	U	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Office
	1959	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - United Can & Glass Co.
	1959	2	U	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Office
	1957	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - United Can & Glass Co.
	1957	2	U	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Office
	1953	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - United Can & Glass Co.
	1953	2	U	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Office
	1952	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - United Can & Glass Co.
	1952	2	U	1000	222	Water Tank - 3000 Gal	19th Ave. Port of Oakland - Office
	1950	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. Machine Shop - Office
	1950	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. Machine Shop - Office nearby Derby Ave.
1911	3	W	2124	222	<b>Water Tank? - Hyd. and Hose</b>	S. Pacific R. R. - F.J. Smith & Co.	

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets
<b>Non-adjacent Tile: 39</b>	1969	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1969	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1967	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1967	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1965	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1965	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1964	n/a		n/a	n/a	n/a	n/a
	1960	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1960	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1959	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
1959	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.	
<b>Non-adjacent Tile: 39</b>	1957	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1957	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1953	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1953	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1952	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1952	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1950	1	T	1000	222	Water Tank - 3000 Gal	19th Ave. (Embarcadero)
	1950	2	U	1000	222	Water Tank - 3000 Gal	20th Ave. nearby Derby Ave.
	1911	n/a		n/a	n/a	n/a	n/a
<b>Adjacent Tile: 31</b>	1969	n/a		n/a	n/a	n/a	n/a
	1967	n/a		n/a	n/a	n/a	n/a
	1965	n/a		n/a	n/a	n/a	n/a
	1964	n/a		n/a	n/a	n/a	n/a
	1960	n/a		n/a	n/a	n/a	n/a
	1959	n/a		n/a	n/a	n/a	n/a
	1957	n/a		n/a	n/a	n/a	n/a
	1953	1	X	2250	217	<b>Office</b>	E. 12th St. Used Cars
	1952	1	X	2250	217	<b>Office</b>	E. 12th St. Used Cars
	1950	1	X	2250	217	<b>Office</b>	E. 12th St. Used Cars
	1911	1	N	1217	192	Water - Wind Mill & Tank	22nd Ave. Wind Mill & Tank
	1911	2	Z	1113	217	Office	E. 14th St. Drying Platform - Chinese Laundry
	1911	3	Y	2026	217	Water Tank - Oakland Art Pottery Co.	E. 12th St. Oakland Art Pottery Co.
	1911	4	<u>a</u>	2061	216	Water Tank - Zenith Mill & Lumber Co.	E. 12th St. Zenith Mill & Lumber Co.
	1911	5	<u>c</u>	21	223	Water Tank - California Cotton Mill Co.	S. Pacific R. R. - California Cotton Mill Co.
	1911	6	<u>b</u>	28 & 29	223	2 Water Tanks - California Cotton Mill Co.	S. Pacific R. R. - California Cotton Mill Co.
	1903	1	N	1077	215	Water Tank - Wind Mill & Water Tank on Roof	E. 16th St. Wind Mill & Water Tank on Roof
	1903	2	<u>a</u>	1051 (2061)	216	Water Tank - Zenith Mill & Lumber Co.	E. 12th St. Zenith Mill & Lumber Co.
	1903	3	<u>y</u>	2062	203	Water Tank - California Pottery Works	E. 12th St. California Pottery Works
	1903	4	<u>c</u>	24	223	<b>Water Heater? - California Cotton Mill Co.</b>	S. Pacific R. R. - California Cotton Mill Co.
1903	5	<u>b</u>	28 & 29	223	2 Water Tanks - California Cotton Mill Co.	22nd Ave. Brick & Cement Condensing (Stern Dye House)	
1903	6	<u>d</u>	24	223	<b>Well? - California Cotton Mill Co.</b>	S. Pacific R. R. - California Cotton Mill Co.	

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets
Adjacent Tile: 32	1969	n/a		n/a	n/a	n/a	n/a
	1967	n/a		n/a	n/a	n/a	n/a
	1965	n/a		n/a	n/a	n/a	n/a
	1964	n/a		n/a	n/a	n/a	n/a
	1960	n/a		n/a	n/a	n/a	n/a
	1959	1	X	2250	217	Office	E. 12th St. Used Cars
	1957	1	X	2250	217	Office	E. 12th St. Used Cars
	1953	1	X	2250	217	Office	E. 12th St. Used Cars
	1952	1	X	2250	217	Office	E. 12th St. Used Cars
	1950	1	X	2250	217	Office	E. 12th St. Used Cars
	1911	1	Q	1275 (1940)	193	Water Tank - Wind Mill & Water Tank	23rd Ave. cross E. 16th St.
	1911	2	f	1139 (1940)	193	Water Tank - Wind Mill & Water Tank	E. 16th St. cross 23rd Ave.
	1911	3	N	1217 (1978)	193	Water Tank - Wind Mill & Water Tank	22nd Ave. cross E. 15th St.
	1911	4	e	1126 (1980)	193	Water Tank - Wind Mill & Water Tank	E. 14th St. cross 23rd Ave.
1911	5	g	1157 (1981)	194	Water Tank - Wind Mill & Water Tank	E. 15th St. cross 23rd Ave.	
Adjacent Tile: 32	1903	1	f	1275 (1940)	193	Water Tank - Wind Mill & Water Tank	23rd Ave. cross E. 16th St.
	1903	2	N	1139 (1940)	193	Water Tank - Wind Mill & Water Tank	E. 16th St. cross 23rd Ave.
	1903	3	e	1126 (1980)	216	Water Tank - Wind Mill & Water Tank	E. 14th St. cross 23rd Ave.
	1903	4	h	1225(1980)	216	Water Tank - Wind Mill & Water Tank	23rd Ave. cross E. 15th St.
	1903	5	g	1161 (1981)	217	Water Tank - Wind Mill & Water Tank	E. 15th St. cross 23rd Ave.
Adjacent Tile: 33	1969	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1967	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1965	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1964	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1960	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1959	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1957	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1957	2	j	2554	193	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1953	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1953	2	j	2554	193	Wind Mill and Water Tank/House?	E. 16th St. Wind Mill & Tank or House
	1952	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1952	2	j	2554	193	Wind Mill and Water Tank/House?	E. 16th St. Wind Mill & Tank or House
	1950	1	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1950	2	j	2554	193	Wind Mill and Water Tank/House?	E. 16th St. Wind Mill & Tank or House
	1911	1	k	1173	194	Water Tank - Wind Mill and Tank	E. 16th St. Wind Mill & Tank
	1911	2	i	1515	194	Wind Mill and Water Tank	25th Ave. Wind Mill and Water Tank
	1911	3	l	1203	193	Water Tank - Wind Mill and Tank	Foothill Blvd. Wind Mill & Tank
	1911	4	m	1229	193	Water Tank	Foothill Blvd. Wind Mill & Tank
	1911	5	j	1270	193	Wind Mill and Water Tank/House?	E. 16th St. Wind Mill & Tank or House
	1911	6	n	1309	194	Wind Mill and Tank - Water Tank	E. 16th St. Wind Mill & Tank
	1903	1	K	1173	194	Water Tank - Wind Mill and Tank	E. 16th St. Wind Mill & Tank
	1903	2	l	1203	193	Water Tank - Wind Mill and Tank	Talcott Ave. (Foothill Blvd.) Wind Mill & Tank
	1903	3	n	1309	194	Wind Mill and Tank - Water Tank	E. 16th St. Wind Mill & Water Tank on Roof

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets	
Adjacent Tile: 40	1969	n/a		n/a	n/a	n/a	n/a	
	1967	n/a		n/a	n/a	n/a	n/a	
	1965	n/a		n/a	n/a	n/a	n/a	
	1964	n/a		n/a	n/a	n/a	n/a	
	1960	1	∅	1042-44	223	Water Tank	Calcot Pl. (Kennedy) nearby Nimitz (Eastshore) Fwy	
	1959	1	∅	1042-44	223	Water Tank	Calcot Pl. (Kennedy) nearby Nimitz (Eastshore) Fwy	
	1957	1	∅	1042-44	223	Water Tank	Calcot Pl. (Kennedy) nearby Nimitz (Eastshore) Fwy	
	1953	1	∅	1042-44	223	Water Tank	Calcot Pl. (Kennedy) nearby Nimitz (Eastshore) Fwy	
	1952	1	∅	1042-44	223	Water Tank	Calcot Pl. (Kennedy) nearby Nimitz (Eastshore) Fwy	
	1950	1	∅	1042-44	223	Water Tank	Calcot Pl. (Kennedy) nearby Nimitz (Eastshore) Fwy	
	Tile 31 - 1903 #3	1911	1	Y	2062	203	Water Tank - California Pottery Works	S. Pacific R. R. nearby 23rd Ave Pl. (Park) Ave.
	Tile 31 - 1911 #5	1911	2	c	21	223	Water Tank - California Cotton Mill Co.	S. Pacific R. R. - California Cotton Mill Co.
	Tile 31 - 1903 #5	1911	3	b	28 & 29	223	2 Water Tanks - California Cotton Mill Co.	S. Pacific R. R. Salt Water Reservoir nearby E. Valdez (Cotton)
		1911	4	d	659	223	Water Tank - E. Valdez and Kennedy	Kennedy St. (Calcot Pl.) nearby S. Pacific R. R.
	Tile 40 - 1960-50 #1	1911	5	∅	585?	223	2 Water Tanks - E. Valdez and Kennedy	Kennedy St. (Calcot Pl.) nearby S. Pacific R. R.
	1911	6	p	625 (2164)	229	Water Tank - Kennedy St.	Kennedy St. (Calcot Pl.) nearby S. Pacific R. R.	
Tile 40 - 1950 #1	1911	7	q	636 (2164)	229	Water Tank - E. Valdez St.	E. Valdez St. (Cotton) nearby Eastshore Fwy	
	1911	8	r	1060 (2164)	230	Water Tank - Dennison St.	Dennison St. next to YWCA Settlement Home	
	1911	9	s	613 (2163)	229	Water Tank - E. Valdez St.	E. Valdez St. cross Livingston St.	
	1911	10	t	607 (2163)	229	Water Tank - E. Valdez St.	E. Valdez St. cross Livingston St.	
	1911	11	u	603 (2163)	229	Water Tank - E. Valdez St.	E. Valdez St. cross Dennison St.	
Adjacent Tile: 40	1911	12	v	1059	230	Water Tank - Dennison St.	Dennison St. cross E. Valdez St.	
	1911	13	w	569	230	Water Tank - Kennedy St.	Kennedy St. (Calcot Pl.) cross Dennison St.	
	Tile 31 - 1903 #5	1903	1	x	2062	203	Water Tank - California Pottery Works	S. Pacific R. R. nearby 23rd Ave Pl. (Park) Ave.
		1903	2	b	28 & 29	223	2 Water Tanks - California Cotton Mill Co.	22nd Ave. nearby S. Pacific R. R. (Stern Dye House)
		1903	3	q	636 (2164)	245	Water Tank - E. Valdez St.	E. Valdez St. (Cotton) nearby Eastshore Fwy
		1903	4	p	625 (2164)	245	Water Tank - Kennedy St.	Kennedy St. (Calcot Pl.) nearby S. Pacific R. R.
	Tile 40 - 1960-50 #1	1903	5	∅	585? (2128)	245	2 Water Tanks - E. Valdez and Kennedy	Kennedy St. (Calcot Pl.) nearby S. Pacific R. R.
	Tile 40 - 1911 #10	1903	6	t	609 (2163)	245	Water Tank - E. Valdez St.	E. Valdez St. cross Livingston St.
Tile 40 - 1911 #11	1903	7	u	603 (2163)	245	Water Tank - E. Valdez St.	E. Valdez St. cross Dennison St.	
Adjacent Tile: 41	1969	n/a		n/a	n/a	n/a	n/a	
	1967	n/a		n/a	n/a	n/a	n/a	
	1965	n/a		n/a	n/a	n/a	n/a	
	1964	n/a		n/a	n/a	n/a	n/a	
	Tile 40 - 1960-50 #1	1960	1	∅	1043-45 (2128)	224	Water Tank - 23rd Ave.	23rd Ave. Place
	Tile 40 - 1960-50 #1	1959	1	∅	1043-45 (2128)	224	Water Tank - 23rd Ave.	23rd Ave. Place
	Tile 40 - 1960-50 #1	1957	1	∅	1043-45 (2128)	224	Water Tank - 23rd Ave.	23rd Ave. Place
	Tile 40 - 1960-50 #1	1953	1	∅	1043-45 (2128)	224	Water Tank - 23rd Ave.	23rd Ave. Place
		1953	2	y	958 (2137)	225	Water Tank - 23rd Ave.	23rd Ave. Place next to Steel W Ho & Fab
		1953	3	z	1035 (2137)	225	Water Tank - 25th Ave.	25th Ave. next to Steel W Ho & Fab
	Tile 40 - 1960-50 #1	1952	1	∅	1043-45 (2128)	224	Water Tank - 23rd Ave.	23rd Ave. Place
		1952	2	y	958 (2137)	225	Water Tank - 23rd Ave.	23rd Ave. Place next to Steel W Ho & Fab
		1952	3	z	1035 (2137)	225	Water Tank - 25th Ave.	25th Ave. next to Steel W Ho & Fab
	Tile 40 - 1960-50 #1	1950	1	∅	1043-45 (2128)	224	Water Tank - 23rd Ave.	23rd Ave. Place

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets
<b>Adjacent Tile: 41 (con't)</b>	1950	2	y	958 (2137)	225	Water Tank - 23rd Ave.	23rd Ave. Place next to Steel W Ho & Fab
	1950	3	z	1035 (2137)	225	Water Tank - 25th Ave.	25th Ave. next to Steel W Ho & Fab
Tile 41 - 1952-50 #1	1911	1	∅	527 (2128)	224	2 Water Tanks - Park Ave. (23rd Ave.)	Park Ave. cross S. Pacific R. R.
Tile 41 - 1950 #2-3	1911	2	y	480 (2137)	225	2 Water Tanks - 23rd Ave. (Park Ave.)	23rd Ave. nearby Laundry
	1911	3	1	1189 (1990)	194	Water Tank and Water Cooler	E. 14th St. Reliance Mill & Lumber Co.
	1911	4	2	1198	194	Water Tank - Wind Mill & Tank	25th Ave. cross E. 12th St.
Tile 41 - 1952-50 #1	1903	1	∅	527 (2128)	224	2 Water Tanks - Park Ave.	Park Ave. cross S. Pacific R. R.
Tile 41 - 1950 #2-3	1903	2	y & z	480 (2137)	225	2 Water Tanks - Park Ave. (23rd Ave.)	Park Ave. cross S. Pacific R. R.
Tile 41 - 1911 Lot 2066	1903	3	2	2066	218	Water Tank - Wind Mill & Water Tank	25th Ave. cross S. Pacific R. R.
Tile 40 - 1903 #1	1903	4	3	2062	203	2 Water Tanks - California Pottery Works	S. Pacific R. R. nearby 23rd Ave Pl. (Park) Ave.
<b>Adjacent Tile: 42</b>	1969	n/a		n/a	n/a	n/a	n/a
	1967	n/a		n/a	n/a	n/a	n/a
	1965	n/a		n/a	n/a	n/a	n/a
	1964	n/a		n/a	n/a	n/a	n/a
	1960	n/a		n/a	n/a	n/a	n/a
	1959	n/a		n/a	n/a	n/a	n/a
	1957	n/a		n/a	n/a	n/a	n/a
	1953	n/a		n/a	n/a	n/a	n/a
	1952	n/a		n/a	n/a	n/a	n/a
	1950	n/a		n/a	n/a	n/a	n/a
	1911	1	2	1198 (1991)	218	Water Tank - Wind Mill & Tank	25th Ave. cross W. Pacific R. R.
	1911	2	4	1125 (1991)	218	2 Water Tanks?	26th Ave. cross W. Pacific R. R.
	1911	3	5	1315 (1992)	218	Water Tank 25,000 Gal.	E. 14th St. parallel W. Pacific R. R.
Tile 42 - 1911 #1	1903	1	2	1251 (1991)	218	Water Tank - Wind Mill & Tank	E. 14th St. cross 25th Ave.
Tile 42 - 1911 #2	1903	2	5	1315 (1992)	218	Water Tank? - Tank HO.?	E. 14th St. parallel W. Pacific R. R.
	1903	3	6	1275 (1992)	218	Water Tank	E. 14th St. parallel W. Pacific R. R.
<b>Adjacent Tile: 49</b>	1969	n/a		n/a	n/a	n/a	n/a
	1967	n/a		n/a	n/a	n/a	n/a
	1965	n/a		n/a	n/a	n/a	n/a
	1964	n/a		n/a	n/a	n/a	n/a
	1960	1	7	2235 (2173)	232	Water Tank next to Parking	Frederick St. cross Kennedy St.
	1959	1	7	2235 (2173)	232	Water Tank next to Parking	Frederick St. cross Kennedy St.
	1957	1	7	2235 (2173)	232	Water Tank next to Parking	Frederick St. cross Kennedy St.
	1953	1	7	2235 (2173)	232	Water Tank next to 2172 Lot	Frederick St. cross Kennedy St.
	1952	1	7	2235 (2173)	232	Water Tank next to E K Wood Lumber Co.	Frederick St. cross Kennedy St.
	1952	2	7	2171	232	2 Water Tanks - E K Wood Lumber Co.	King St. cross Frederick St. E K Wood Lumber Co.
Tile 49 - 1952 #1	1950	1	7	2235 (2173)	232	Water Tank next to E K Wood Lumber Co.	Frederick St. cross Kennedy St. E K Wood Lumber Co.
Tile 49 - 1952 #2	1950	2	8	2171	232	<b>2 Water Tanks 50,000 gal/t &amp; 1 Water Tank s.</b>	King St. cross Frederick St. E K Wood Lumber Co.
Tile 49 - 1950 #1	1911	1	7	2235 (2173)	232	Water Tank next to E K Wood Lumber Co.	Frederick St. cross Kennedy St. E K Wood Lumber Co.
Tile 49 - 1950 #2	1911	2	8	2171	232	<b>2 Water Tanks 50,000 gal/t &amp; 1 Water Tank s.</b>	King St. cross Frederick St. E K Wood Lumber Co.
	1911	3	t	607	224	Water Tank	E. Valdex St. cross Dennison St.
	1911	4	u	603	224	Water Tank	E. Valdex St. cross Dennison St.
	1911	5	w	1059 (2169)	224	Water Tank	Dennison St.
	1911	6	v	569 (2169)	224	Water Tank	Kennedy St.

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets	
<b>Adjacent Tile: 49 (con't)</b>	1911	7	9	570 (2170)	224	Water Tank	Kennedy St.	
	1911	8	10	572 (2170)	224	Water Tank	Kennedy St.	
	Tile 40 - 1903 #6	1903	1	<u>s</u>	609 (2163)	245	Water Tank - E. Valdez St.	E. Valdez St. cross Livingston St.
	Tile 40 - 1903 #7	1903	2	<u>u</u>	603 (2163)	245	Water Tank - E. Valdez St.	E. Valdez St. cross Dennison St.
	Tile 40 - 1903 (2169)	1903	3	<u>w</u>	7059 (2169)	245	Water Tank - Dennison St.	Dennison St.
	Tile 49 - 1911 #7	1903	4	10	570 (2170)	224	Water Tank	Kennedy St.
	Tile 49 - 1911 #8	1903	5	9	572 (2170)	224	Water Tank	Kennedy St.
<b>Adjacent Tile: 50</b>	1969	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.	
	Tile 51 - 1967 (2145)	1969	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
	Tile 51 - 1967 (2140)	1967	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
	Tile 51 - 1967 (2145)	1967	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
		1965	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
		1965	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
		1964	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
		1964	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
		1960	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
		1960	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
		1959	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
		1959	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
		1957	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
		1957	2	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
	Tile 41 - 1953 #2	1953	1	<u>y</u>	958 (2137)	225	Water Tank	23rd Ave. cross 27th Ave.
	Tile 41 - 1953 #3	1953	2	<u>z</u>	954 (2137)	225	Water Tank	23th Ave. cross 27th Ave.
	Tile 50 - 1969-57 #1	1953	3	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
	Tile 50 - 1969-57 #2	1953	4	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
	Tile 41 - 1953 #2	1952	1	<u>y</u>	958 (2137)	225	Water Tank	23rd Ave. cross 27th Ave.
	Tile 41 - 1953 #3	1952	2	<u>z</u>	954 (2137)	225	Water Tank	23th Ave. cross 27th Ave.
	Tile 50 - 1969-57 #1	1952	3	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
	Tile 50 - 1969-57 #2	1952	4	12	2725 (2145)	225	Water Tank	E. 10th St. cross 27th Ave.
		1950	1	<u>y</u>	958 (2137)	225	Water Tank	23rd Ave. cross 27th Ave.
	1950	2	<u>z</u>	954 (2137)	225	Water Tank	23th Ave. cross 27th Ave.	
<b>Adjacent Tile: 50</b>	1950	3	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.	
	1950	4	12	2725 (2145)	225	Water Tank	E. 10th St. cross 28th Ave.	
	1950	5	13	2745 (2145)	225	Water Tank	E. 10th St. cross Lisbon Ave. (28th St.)	
	1950	6	14 & 15	2639 (2148)	232	Water Tank - Victory Laundry	E. 9th St. cross 27th Ave.	
	Tile 41 - 1911 #2	1911	1	<u>y &amp; z</u>	480 (2137)	225	2 Water Tanks - French Laundry	Park Ave. cross S. Pacific R. R. (parallel 25th Ave.)
		1911	2	17	1325 (2139)	225	Water Tank	E. 11th St. cross 27th Ave.
	Tile 51 - 1911 (2140)	1911	3	11	1361 (2140)	225	Water Tank	E. 11th St. cross 28th Ave.
	Tile 51 - 1950 #4	1911	4	12	1325 (2145)	225	Water Tank	E. 10th St. cross 28th Ave.
		1911	5	18	1407 (2149)	225	Water Tank	E. 9th St. cross 27th Ave.
		1911	6	19	1421 (2149)	225	Water Tank	E. 9th St. cross 28th Ave.
	Tile 49 - 1911 #7	1911	7	9	419 (2170)	224	Water Tank	Park Ave. cross E. 10th St.
	Tile 49 - 1911 #8	1911	8	10	572 (2170)	224	Water Tank	Park Ave. cross E. 10th St.
	Tile 49 - 1960-11 Map 232	1911	9	16	337 (2174)	232	Water Tank	Park Ave. parallel Kennedy St.

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets
<b>Adjacent Tile: 50 (con't)</b>	1903	1	y & z	480 (2137)	225	2 Water Tanks - French Laundry	Park Ave. cross S. Pacific R. R. (parallel 25th Ave.)
Tile 40 - 1903 (2164)	1903	2	20	1260 (2138)	245	Water Tank	E. 11th St. cross 26th Ave.
Tile 50 - 1911 #3	1903	3	11	1361 (2140)	225	Water Tank	E. 11th St. cross 28th Ave.
	1903	4	12	1363 (2145)	225	Water Tank	E. 10th St. cross 28th Ave.
	1903	5	21	1337 (2148)	225	Water Tank - Pottery	E. 9th St. cross 27th Ave.
Tile 50 - 1911 #5	1903	6	18	1407 (2149)	225	Water Tank	E. 9th St. cross 27th Ave.
Tile 50 - 1911 #6	1903	7	19	1423 (2149)	225	Water Tank	E. 9th St. cross 28th Ave.
Tile 50 - 1911 #7	1903	8	9	419 (2170)	224	Water Tank	Park Ave. cross E. 10th St.
Tile 50 - 1911 #8	1903	9	10	572 (2170)	224	Water Tank	Park Ave. cross E. 10th St.
<b>Adjacent Tile: 51</b>	1969	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
i)	1969	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
ii)	1969	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
iii)	1969	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
iv)	1969	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
v)	1969	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
vi)	1969	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 50 - 1950 #3	1967	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1967	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1967	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1967	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1967	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1967	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1967	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1965	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1965	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1965	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1965	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1965	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1965	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1965	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1964	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1964	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1964	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1964	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1964	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1964	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
<b>Adjacent Tile: 51</b>	1964	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1960	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1960	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1960	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1960	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1960	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1960	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1960	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods W Hse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)

**Table 3**  
**Well and Tank Locations Identified in Sanborn Map Well Search**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Township Tile #	Year	Tank #	Well ID	Lot #	Map Sheet #	No. of Tank(s)/Locations	Address - Streets
Tile 51 - 1969-50 #1	1959	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1959	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
<b>Adjacent Tile: 51 (con't)</b>	1959	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1959	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1959	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1959	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1959	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1957	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1957	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1957	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1957	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1957	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1957	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1957	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1957	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1953	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1953	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1953	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1953	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1953	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1953	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1953	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1953	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1952	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1952	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1952	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1952	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1952	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1952	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1952	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1952	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 51 - 1969-50 #1	1950	1	11	2733 (2140)	225	Water Tank	E. 11th St. cross 27th Ave.
Tile 51 - 1969-50 #2	1950	2	22	1012 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1950	2	22	1013 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 42 - 1903 #1	1950	2	22	1014 (2141)	226	Water Tank 50,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1950	2	22	1015 (2141)	226	Water Tank 40,000 Gal. - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1950	2	22	1016 (2141)	226	Well and Plumb - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1950	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
	1950	2	22	1017 (2141)	226	Water Tank on Concrete - Canned Goods Warehouse	Lisbon Ave. (28th St.) cross E. 10th St. (parallel 11th St.)
Tile 42 - 1911 #3	1911	1	5	1295 (2067)	219	Water Tank 25,000 Gal.	E. 14th St. parallel W. Pacific R. R.
Tile 50 - 1967 (2140)	1911	1	∅	1315 (2067)	219	Water Tank - Wind Mill & Tank	E. 14th St. cross 25th Ave.
	1911	2	11	1367 (2140)	225	Water Tank	E. 11th St. cross 28th Ave.
Tile 51 - 1911 #1	1911	3	22	1400 (2135)	245	Water Tank on ground 50,000 Gal.	E. 11th St. cross 28th Ave. - Code-Portwood Canning Co.
	1911	4	23	1402 (2141)	245	Water Tank	E. 10th St. cross 28th Ave.
	1911	4	23	1402 (2141)	245	Water Tank	E. 10th St. cross 28th Ave.
Tile 51 - 1911 #1	1903	1	5	1295 (2067)	219	Water Tank 25,000 Gal.	E. 14th St. parallel W. Pacific R. R.
Tile 51 - 1911 #1	1903	2	∅	1315 (2067)	219	Water Tank - Wind Mill & Tank	E. 14th St. cross 25th Ave.
Tile 51 - 1911 #2	1903	3	11	1367 (2140)	225	Water Tank	E. 11th St. cross 28th Ave.
Tile 51 - 1911 #4	1903	4	23	1402 (2141)	245	Water Tank	E. 10th St. cross 28th Ave.



**Table 4**  
**Site Locations Identified in Geotracker Database**  
P & D 23rd Avenue Associates, LLC  
1125 Miller Avenue, Oakland, CA  
Clearwater Project No. CB018

Global ID	Site Name	Address	Cleanup Status
T0600177455	23rd Avenue Partners	1125 Miller Avenue, Oakland	Open - Assessment & Interim Remedial Action
T0600191487	Former Bytech Chemical	1905, 1907, and 1991 Dennison Street, Oakland	Open - Assessment & Interim Remedial Action
T0600101212	Mel Senna Brake Service	2301 East 12th Street, Oakland	Open - Assessment & Interim Remedial Action
SLT2O178281	Port of Oakland Embarcadero CV Livingston	Livingston Street, Oakland	Open - Inactive
SLT2O142148	Roadway Express, Inc	1125 27th Avenue, Oakland	Open - Inactive
T10000003427	Shell Oil #135696	820 Portwood Avenue, Oakland	Open - Site Assessment
T0600101337	Taxi Taxi Inc	2345 International Boulevard, Oakland	Open - Remediation
T0600102157	West Coast Vending Inc	2124 Livingston Street, Oakland	Open - Site Assessment
T0600177342	Earthgrains Baking Company	955 Kennedy Street, Oakland	Open - Site Assessment

**CLOSED SITES**

T0600101707	Children's Hospital	1050 22nd Avenue, Oakland	Completed - Case Closed
T0600102003	Contractor's Equipment Rental	2250 12th Street Oakland	Completed - Case Closed
SL0600190696	Cryer-Steam Value	1899 Dennison, Street, Oakland	Completed - Case Closed
T0600100439	Delaware Development Corporation	2530 International Boulevard, Oakland	Completed - Case Closed
T0600100858	Eandi Metal Works Inc	2440 11th Street, Oakland	Completed - Case Closed
T0600100995	Exchange Linen Service	527 23rd Avenue, Oakland	Completed - Case Closed
T0600101343	Exxon #7-0238	2200 East 12th Street, Oakland	Completed - Case Closed
T0600101012	Exxon #7-7516 / Continental Auto Sales	2200 International Boulevard, Oakland	Completed - Case Closed
T0600100572	Fidelity Packaging Corporation	646 Kennedy Street, Oakland	Completed - Case Closed
T0600101689	Fillmore Marks Property	534 23rd Avenue, Oakland	Completed - Case Closed
T0600100712	Holt Visual Communication	802 Kennedy Street, Oakland	Completed - Case Closed
T0600100797	Kilpatrick's Garage	955 Kennedy Street, Oakland	Completed - Case Closed
T0600100796	Kilpatrick's Bakery	2100 Livingston Street, Oakland	Completed - Case Closed
T0600101958	Saroni Total Food	727 Kennedy Street, Oakland	Completed - Case Closed
T0600101975	Southern Pacific Transportation Company	12th Street and 22nd Avenue, Oakland	Completed - Case Closed
T0600102014	St Joseph's Professional Center	2647 International Boulevard, Oakland	Completed - Case Closed
T0600100979	Tri City Cleaners	2560 International Boulevard, Oakland	Completed - Case Closed
T0600101898	William Wurzbach Company	1200 20th Avenue, Oakland	Completed - Case Closed

**Notes:**

Data acquired from Geotracker Database on February 14, 2013.

# ATTACHMENT A



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

December 5, 2012

Mr. John Protopappas  
P&D 23<sup>rd</sup> Avenue Associates LLC  
P.O. Box 687  
Oakland, CA 94604  
(Sent via E-mail to: [John@MPFCorp.com](mailto:John@MPFCorp.com))

Subject: Case File Review for Fuel Leak Case No. RO0000294 and GeoTracker Global ID T0600177455, 23<sup>rd</sup> Avenue Partners, 1125 Miller Avenue, Oakland, CA 94601

Dear Mr. Protopappas:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the most recently submitted documents entitled, "*Update of the Soil Vapor Sample Analytical Report Presented in Sub-Slab Soil Vapor Sampling Report*," dated October 9, 2012 (Analytical Report) and "*Sub-Slab Excavation Report*," dated November 8, 2012 (Excavation Report) and received by ACEH on November 14, 2012. Both reports were prepared on your behalf by Clearwater Group.

The Analytical Report presents laboratory analytical reports for Modified TO-14A/15 analyses performed on sub-slab soil vapor samples. The Excavation Report documents the results of removal of vent and supply lines and limited removal of contaminated soil beneath a former dispenser inside the western corner of the building. This site was also discussed during a meeting conducted on November 14, 2012 between Mr. John Protopappas of Madison Park Financial Corporation, James Jacobs of Clearwater Group, Robert Nelson of Clearwater Group, Olivia Jacobs of Clearwater Group, and Jerry Wickham of ACEH.

Based on our review of the case file, we request that you submit a Work Plan that addresses the technical comments below.

#### **TECHNICAL COMMENTS**

1. **Soil Vapor Screening Values.** Table 2 of the October 9, 2012 Analytical Report uses soil vapor screening values that do not appear to be designated properly. The title of Table 2 indicates that soil vapor sample results are compared to screening values from the Low-Threat Closure Policy (LTCP) with no bioattenuation zone. However, the screening values shown are for sites with a bioattenuation zone and are three orders of magnitude higher than screening values with no bioattenuation zone. We note these values were corrected in meeting handouts; please make this correction in future documents. The header of Table 2 describes CHHSLs commercial; however, the screening values shown appear to be CHHSLs for residential land use. Please correct the header and/or screening values in future documents.

2. **Volatile Organic Compounds in Sub-slab Soil Vapor.** Review of the October 9, 2012 Analytical Report indicates that tetrachloroethene (PCE) was detected in 3 of 10 sub-slab vapor samples collected on December 9, 2011 at concentrations ranging from 5.7 to 240 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). The Analytical Report states that all volatile organic compound (VOCs) concentrations are well below the residential CHHLs. This statement is not accurate since the maximum PCE concentration of  $240 \mu\text{g}/\text{m}^3$  exceeds the residential CHHSL of  $180 \mu\text{g}/\text{m}^3$ . However, the maximum concentration of PCE does not exceed the San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESL) for residential land use of  $410 \mu\text{g}/\text{m}^3$ . The detections of PCE were not evaluated or discussed in either of the recently submitted reports or during the November 14, 2012 meeting. In the Work Plan requested below, we request that you include an evaluation of whether the VOCs in sub-slab vapor represent a human health threat for vapor intrusion or propose additional data collection to compete this evaluation.
3. **Volatile Organic Compounds in Groundwater.** Further review of the case file indicates that groundwater does not appear to have been analyzed for VOCs other than petroleum hydrocarbon constituents. Due to the detections of PCE in sub-slab soil vapor, PCE is a chemical of concern for the site. The absence of VOC data for groundwater may represent a data gap for the site. Vapor intrusion assessments are generally conducted using multiple lines of evidence. VOC data for groundwater would provide an additional line of evidence to evaluate the PCE detected in sub-slab vapor discussed in technical comment 2. Therefore, the collection of a limited number of groundwater samples for VOC analysis is to be included in the Work Plan requested below.
4. **Residual Diesel Contamination.** Hand excavation was conducted inside the western end of the building in the area of a former fuel dispenser. The excavation was stopped at a depth of 2.5 feet below grade. However, soil containing elevated concentrations of total petroleum hydrocarbons as diesel remains in place beneath the western end of the building as indicated by elevated concentrations of TPH as diesel (TPHd) in confirmation soil samples. The TPHd does not appear to pose a human health risk for vapor intrusion to the western end of the building. Naphthalene was not detected at concentrations exceeding the LTCP criteria of  $93 \mu\text{g}/\text{m}^3$  in sub-slab soil vapor samples collected beneath the building. As discussed during the November 14, 2012 meeting, the residual TPHd although not an apparent health risk based on comparison to LTCP criteria, may represent an odor or nuisance condition. A method for sealing the floor in this area of the building to mitigate possible nuisance conditions was proposed by Clearwater Group and was discussed during the meeting. However, you may wish to delay presenting plans for mitigation of possible nuisance vapor conditions in the western portion of the building pending completion of an evaluation of the VOC issue discussed in technical comment 2.
5. **Delineation of TPHd Plume.** A total of an additional ten soil borings was proposed for soil and groundwater sampling in the document entitled, "*Soil and Groundwater Investigation Results*," dated February 29, 2012. The purpose of the proposed borings was to define the lateral and vertical definition of diesel impacts. As discussed during the November 14, 2012 meeting, the results of a detailed well survey will be reviewed to determine whether additional delineation is necessary for the TPHd plume. However, as requested in technical comment 3, the collection of a limited number of groundwater samples for VOC analysis is to be

included in the Work Plan requested below. Depending upon their locations, these additional groundwater samples could also provide further delineation of TPHd in groundwater.

6. **Well Survey.** As discussed during the November 14, 2012 meeting, we request that you complete a well survey to identify all water supply wells within 2,000 feet of the site. We recommend that you obtain well information from both the Alameda County Public Works Agency and the State of California Department of Water Resources. Submittal of maps showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. Please provide a table that includes the well designation, location, total depth, diameter, screen interval, date of well installation, current status, historic use, and owner of the wells. In addition, please provide well logs and completion records for wells downgradient from the site that are potential receptors. Results of the detailed well survey are to be included in the Work Plan requested below. Please also include plans to conduct a door to door well survey.

#### **TECHNICAL REPORT REQUEST**

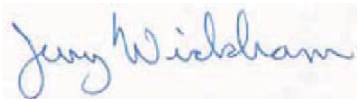
Please upload technical reports to the ACEH ftp site (Attention: Jerry Wickham), and to the State Water Resources Control Board's GeoTracker website according to the following schedule and file-naming convention:

- **February 21, 2013** – Work Plan  
File to be named: WP\_R\_yyyy-mm-dd RO294

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org).

Sincerely,



Digitally signed by Jerry Wickham  
DN: cn=Jerry Wickham, o=Environmental Health,  
ou=Alameda County, email=jerry.wickham@acgov.org, c=US  
Date: 2012.12.05 14:35:06 -08'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297  
Senior Hazardous Materials Specialist

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

Mr. John Protopappas  
RO000294  
December 5, 2012  
Page 4

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 2032 (*Sent via E-mail to: [lgriffin@oaklandnet.com](mailto:lgriffin@oaklandnet.com)*)

Robert Nelson, Clearwater Group, 229 Tewksbury Avenue, Pt. Richmond, CA 94801 (*Sent via E-mail to: [RNelson@clearwatergroup.com](mailto:RNelson@clearwatergroup.com)*)

Olivia Jacobs, Clearwater Group, 229 Tewksbury Avenue, Pt. Richmond, CA 94801 (*Sent via E-mail to: [OJacobs@clearwatergroup.com](mailto:OJacobs@clearwatergroup.com)*)

James Jacobs, Clearwater Group, 229 Tewksbury Avenue, Pt. Richmond, CA 94801 (*Sent via E-mail to: [augerpro@sbcglobal.net](mailto:augerpro@sbcglobal.net)*)

Donna Drogos, ACEH (*Sent via E-mail to: [donna.drogos@acgov.org](mailto:donna.drogos@acgov.org)*)

Jerry Wickham, ACEH (*Sent via E-mail to: [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org)*)

GeoTracker, File

## **Attachment 1**

### **Responsible Party(ies) Legal Requirements/Obligations**

#### **REPORT/DATA REQUESTS**

These reports/data are being requested pursuant to Division 7 of the California Water Code (Water Quality), Chapter 6.7 of Division 20 of the California Health and Safety Code (Underground Storage of Hazardous Substances), and Chapter 16 of Division 3 of Title 23 of the California Code of Regulations (Underground Storage Tank Regulations).

#### **ELECTRONIC SUBMITTAL OF REPORTS**

ACEH's Environmental Cleanup Oversight Programs (Local Oversight Program [LOP] for unauthorized releases from petroleum Underground Storage Tanks [USTs], and Site Cleanup Program [SCP] for unauthorized releases of non-petroleum hazardous substances) require submission of reports in electronic format pursuant to Chapter 3 of Division 7, Sections 13195 and 13197.5 of the California Water Code, and Chapter 30, Articles 1 and 2, Sections 3890 to 3895 of Division 3 of Title 23 of the California Code of Regulations (23 CCR). Instructions for submission of electronic documents to the ACEH FTP site are provided on the attached "Electronic Report Upload Instructions."

Submission of reports to the ACEH FTP site is in addition to requirements for electronic submittal of information (ESI) to the State Water Resources Control Board's (SWRCB) Geotracker website. In April 2001, the SWRCB adopted 23 CCR, Division 3, Chapter 16, Article 12, Sections 2729 and 2729.1 (Electronic Submission of Laboratory Data for UST Reports). Article 12 required electronic submittal of analytical laboratory data submitted in a report to a regulatory agency (effective September 1, 2001), and surveyed locations (latitude, longitude and elevation) of groundwater monitoring wells (effective January 1, 2002) in Electronic Deliverable Format (EDF) to Geotracker. Article 12 was subsequently repealed in 2004 and replaced with Article 30 (Electronic Submittal of Information) which expanded the ESI requirements to include electronic submittal of any report or data required by a regulatory agency from a cleanup site. The expanded ESI submittal requirements for petroleum UST sites subject to the requirements of 23 CCR, Division, 3, Chapter 16, Article 11, became effective December 16, 2004. All other electronic submittals required pursuant to Chapter 30 became effective January 1, 2005. Please visit the SWRCB website for more information on these requirements. ([http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/))

#### **PERJURY STATEMENT**

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### **PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS**

The California Business and Professions Code (Sections 6735, 7835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### **UNDERGROUND STORAGE TANK CLEANUP FUND**

Please note that delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

#### **AGENCY OVERSIGHT**

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)</b>	<b>REVISION DATE:</b> July 25, 2012
	<b>ISSUE DATE:</b> July 5, 2005
	<b>PREVIOUS REVISIONS:</b> October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (petroleum UST and SCP) require submission of all reports in electronic form to the county's FTP site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

## REQUIREMENTS

- **Please do not submit reports as attachments to electronic mail.**
- Entire report including cover letter must be submitted to the ftp site as a **single Portable Document Format (PDF) with no password protection.**
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- **Signature pages and perjury statements must be included and have either original or electronic signature.**
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

## Submission Instructions

- 1) Obtain User Name and Password
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to [.loptoxic@acgov.org](mailto:.loptoxic@acgov.org)
  - b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses,** and the **Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <://alcoftp1.acgov.org>
    - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [.loptoxic@acgov.org](mailto:.loptoxic@acgov.org) notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.