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A Report Prepared for:

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Attention: Mr. Selim Zeyrek

QUARTERLY GROUNDWATER MONITORING REPORT 10-ACRE PARCEL MOWRY AVENUE NEWARK, CALIFORNIA

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1.0 INTRODUCTION

This report has been prepared by PES Environmental, Inc. (PES) on behalf of Sobrato Development Companies (Sobrato) to summarize the results from quarterly groundwater monitoring at the 10-acre site located at the southwestern terminus of Mowry Avenue in Newark, California, (the site as shown on Plate 1). The site is currently subject to the requirements and technical oversight of the Alameda County Water District (ACWD) as a Spills, Leaks, Investigation, and Cleanup site, under Cooperative Agreement with the San Francisco Bay Regional Water Quality Control Board (Regional Board).

PES performed site characterizations of subsurface conditions in February 2006 and May 2006, which were described in reports submitted to the ACWD dated March 2006 and June 20, 2006. This work was performed on behalf of Sobrato as part of their pre-acquisition assessment of the property. In accordance with directives contained in a letter from the ACWD dated August 17, 2006 to Mr. Marlowe Tolbertson, the owner of the site at that time, PES prepared and submitted a planning document entitled *Workplan, Installation of Five Groundwater Monitoring Wells, 10-Acre Property at Terminus of Mowry Avenue, APN 537-850-001-02, Newark, California* dated September 6, 2006. Based on comments from the ACWD, an additional planning document entitled *Workplan Addendum, Monitoring Well Installation Program, 10-Acre Property at Terminus of Mowry Avenue, APN 537-850-001-02, Newark, California*, dated September 25, 2006 was submitted to the ACWD.

Groundwater monitoring well installations and groundwater analytical results were summarized in a document submitted to the ACWD entitled *Summary of Environmental Conditions, 10-Acre Parcel, Mowry Avenue, Newark, California* and dated November 20, 2006. The ACWD issued a letter dated December 20, 2006 to Mr. Marlowe Tolbertson, which specified an analytical program for groundwater monitoring and reporting. In accordance with the August 17, 2006 and December 20, 2006 letters from the ACWD, groundwater sampling events and reporting commenced in December 2006. Sobrato subsequently purchased the site from the Tolbertson family and conducted five groundwater sampling events between October 2006 and September 2007.

PES understands that Sobrato's future plans for the subject site would be open space or park related use, and that Sobrato has no intention for any residential, commercial, or industrial redevelopment of the site. There is no definitive schedule for any specific land use plan for this site and it will likely remain "as is" for the foreseeable future

Field activities performed during the groundwater monitoring event were completed under the supervision of a California-professional geologist. Additionally, groundwater sampling services were performed by a contractor possessing a current contractor's license issued by the State of California and all laboratory chemical analyses were performed by a laboratory certified by the State of California to perform the specified analyses. During the field activities, applicable health and safety protocols were followed in accordance with PES' Site-

specific health and safety plan (*Health and Safety Plan, 10-Acre Property at Terminus of Mowry Avenue, APN 537-850-001-02, Newark, California* [PES 2006a]).

The following sections of this report present: (1) details of the monitoring program including field procedures; (2) results from the monitoring program including groundwater-level elevations, summaries of laboratory analytical results, and recommendations for modifying the monitoring frequency; (3) laboratory analytical reports; and (4) field documentation records.

2.0 GROUNDWATER MONITORING PROTOCOL AND PROCEDURES

The most recent groundwater monitoring event included all six groundwater monitoring wells located at the site (MW-1 through MW-6 as shown on Plate 2). The monitoring event was performed by Environmental Sampling Services and PES on September 4, 2007.

2.1 Groundwater-Level Measurements

At the onset of the monitoring event, groundwater-level measurements were collected from the six monitoring wells. Groundwater-level measurements were recorded to the nearest 0.01-foot using an electronic sounding probe. To minimize the potential for cross-contamination between wells, the sounding probe was cleaned with an Alconox/deionized water solution and double-rinsed with deionized water between measurements. The depth-to-groundwater measurements were recorded on Groundwater Sampling Forms presented in Appendix A.

2.2 Groundwater Sampling Activities

Prior to the collection of groundwater samples, groundwater in each well casing was purged using a disposable polyethylene bailer. A minimum of three well volumes of groundwater were removed from each of the wells during purging. Water quality parameters including temperature, pH, specific conductance, and turbidity were monitored during well purging and recorded on Groundwater Sampling Forms presented in Appendix A. Purging was determined to be complete when pH, specific conductance, and temperature readings were within ± 10% for three successive readings (with the exception of MW-1 and MW-6, where specific conductance measurements stabilized within ± 10% only during the last two successive readings).

Following purging, groundwater samples were collected from each well using new polyethylene disposable bailers with bottom emptying devices designed to minimize sample volatilization. Groundwater samples collected for the analysis of volatile organic compounds (VOCs) were prepared by directly filling the proper laboratory provided containers. Groundwater samples collected for dissolved metal analysis were prepared by filtering the groundwater through a 0.45 micron filter in the field prior to filling laboratory prepared bottles.

The filled sample bottles were labeled, packaged, and stored in a chilled, thermally insulated cooler until delivery to Entech Analytical Laboratory of Santa Clara, California. Each sample was assigned a sample number and logged on the Chain-of Custody Record. The Chain-of-Custody Record accompanied the samples to the laboratory to document sample possession from the time of collection. The Chain-of-Custody Record is provided with the laboratory analytical report in Appendix B.

The groundwater samples were analyzed for: (1) total extractable petroleum hydrocarbons (TEPH) using U.S. EPA Test Method 8015M; (2) total purgeable petroleum hydrocarbons and VOCs, including fuel oxygenates, using U.S. EPA Test Method 8260B; and (3) dissolved metals using U.S. EPA Test Methods 6010B and 7470A.

3.0 RESULTS OF GROUNDWATER MONITORING

3.1 Groundwater Level Elevations

For reference, Table 1 presents a summary of the well construction details. Depth-to-groundwater measurements and the calculated groundwater elevations (referenced to the North American Vertical Datum of 1988 [NAVD88]) from September 4, 2007 are summarized along with historical data in Table 2.

As indicated in Table 2, groundwater-level elevations collected from the monitoring wells on September 4, 2007 ranged from 4.36 feet above mean sea level (feet msl; MW-3) to 6.52 feet msl (MW-1). On average, groundwater-level elevations are approximately 0.2 feet lower than the elevations measured on June 6, 2007. Groundwater elevation contours developed for September 4, 2007 are presented on Plate 2. As shown on Plate 2, the groundwater beneath the 10-Acre Parcel flows south-southwest (in the eastern portion of the site) and southwest (in the western portion of the site) with approximate horizontal hydraulic gradients ranging from 0.004 feet per feet (ft/ft) to 0.006 ft/ft, respectively, which is consistent with previous groundwater flow directions (PES, 2006f).

3.2 Laboratory Analytical Results

Laboratory analytical results for groundwater samples collected during the subject monitoring event are summarized below. Laboratory analytical reports for groundwater samples collected for the subject groundwater monitoring event are provided in Appendix B.

As indicated in Tables 3 and 4, and summarized below, nine VOCs, two petroleum hydrocarbon compounds, and six metals were detected in groundwater samples.

The VOCs, petroleum hydrocarbons, and metals detected during the subject groundwater monitoring event and the respective ranges of concentrations are summarized below:

- Benzene was detected in three groundwater monitoring wells at concentrations ranging from 0.87 micrograms per liter (μg/l) (MW-3) to 3.2 μg/l (MW-6);
- Ethylbenzene was detected in one groundwater monitoring well at a concentration of 0.69 μg/l (MW-6);
- Toluene was detected in one groundwater monitoring well at a concentration of 1.4 μg/l (MW-1);
- Tetrachloroethene (PCE) was detected in one groundwater monitoring well at a concentration of 0.63 μg/l (MW-4);
- Trichloroethene (TCE) was detected in one groundwater monitoring well at a concentration of 0.65 μg/l (MW-4);
- 1,4-dichlorobenzene (1,4-DCB) was detected in two groundwater monitoring wells at concentrations of 5.3 μg/l (MW-3) and 6.2 μg/l (MW-6);
- cis-1,2-dichloroethylene (cis-1,2-DCE) was detected in two groundwater monitoring wells at concentrations of 0..55 μg/l (MW-5) and 2.7 μg/l (MW-4);
- tert-Butanol (TBA) was detected in one groundwater monitoring well at a concentration of 26 μg/l (MW-6);
- Methyl-t-butyl Ether (MtbE) was detected in one groundwater monitoring well at a concentration of 4.7 μg/l (MW-1);
- Total petroleum hydrocarbons quantified as gasoline (TPHg) was detected in two groundwater monitoring wells at concentrations of 32 μg/l (MW-3) and 33 μg/l (MW-6);
- Total petroleum hydrocarbons quantified as motor oil (TPHmo) was detected in one groundwater monitoring well at a concentration of 150 μg/l (MW-6);
- Arsenic was detected in six groundwater monitoring wells at concentrations ranging from 0.011 milligrams per liter (mg/l) (MW-2) to 0.038 mg/l (MW-1);
- Barium was detected in six groundwater monitoring wells at concentrations ranging from 0.025 mg/l (MW-2) to 3.4 mg/l (MW-6);
- Cobalt was detected in two groundwater monitoring wells at concentrations ranging from 0.011 mg/l (MW-4) to 0.012 mg/l (MW-2);
- Nickel was detected in four groundwater monitoring wells at concentrations ranging from 0.0005 mg/l (MW-1) to 0.042 mg/l (MW-2);

- Vanadium was detected in one groundwater monitoring well at a concentration of 0.0061 mg/l (MW-3); and
- Zinc was detected in one groundwater monitoring well at a concentration of 0.14 mg/l (MW-1).

4.0 CONCLUSIONS AND RECOMMENDATIONS

On behalf of Sobrato Development Companies, the Fourth Quarter 2007 quarterly groundwater monitoring was successfully completed. To date, five rounds of groundwater monitoring at wells MW-1 through MW-6 have been completed since October 30, 2006, through September 4, 2007.

Results from the last four quarters of groundwater monitoring events support PES's previous conclusions that groundwater at the site contains relatively low concentrations of light and heavy fraction petroleum hydrocarbons, dissolved heavy metals, and VOCs. With regard to concentration trends of contaminants over time at the subject site, PES concludes that after conducting five rounds of groundwater monitoring, concentration trends of detected VOCs, petroleum hydrocarbons, and metals are stable and do not exhibit appreciable seasonal fluctuations.

Accordingly, PES recommends that future groundwater monitoring events be reduced to an annual frequency with the next scheduled event proposed for the first week of September 2008. PES respectfully requests ACWD's concurrence with this proposed modification.

5.0 REFERENCES

ACWD, 2006. *Letter from Steven D. Inn to Mr. Marlowe Tolbertson*. August 17.

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PES Environmental, Inc. (PES), 2006a. *Health and Safety Plan, 10-Acre Parcel, Mowry Avenue, Newark, California*. February 15.

PES Environmental, Inc. (PES), 2006b. *Grab Groundwater Sampling, 10-Acre Parcel, Mowry Avenue, Newark, California*. March 14-15.

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PES Environmental, Inc. (PES), 2006d. *Workplan, Installation of Five Groundwater Monitoring Wells, 10-Acre Property at Terminus of Mowry Avenue, APN 537-850-001-02, Newark, California*. September 6.

PES Environmental, Inc. (PES), 2006e. *Workplan Addendum, Monitoring Well Installation Program, 10-Acre Property at Terminus of Mowry Avenue, APN 537-850-001-02, Newark, California*. September 6.

PES Environmental, Inc. (PES), 2006f. *Summary of Environmental Conditions, 10-Acre Parcel, Mowry Avenue, Newark, California*. November 20.

TABLES

Table 1
Well Construction Details
10-Acre Parcel
Mowry Road
Newark, California

Well ID	Top of Well Casing Elevation (feet MSL)	Date Installed	Screened Interval (feet bgs)	Filter Pack Interval (feet bgs)	Screen Slot Size (inches)
MW-1	12.31	17-Oct-06	4 - 13.8	3.5 - 14	0.010
MW-2	8.06	18-Oct-06	5 - 14.8	4.5 - 15	0.010
MW-3	10.49	18-Oct-06	4 - 14.8	3.5 - 14	0.010
MW-4	15.46	18-Oct-06	5 - 14.8	4.5 - 15	0.010
MW-5	11.94	17-Oct-06	4 - 13.8	3.5 - 14	0.010
MW-6	14.80	19-Oct-06	5 - 14.8	4.5 - 15	0.010

Notes:

feet MSL - feet above mean sea level, referenced to North American Vertical Datum of 1988 (NAVD88).
feet bgs - feet below ground surface.

Table 2
Summary of Groundwater Level Elevations
10-Acre Site
Mowry Road
Newark, California

Well Identification	Measurement Date	TOC Elevation (ft MSL)	Depth to Groundwater (ft btoc)	Groundwater Level Elevation (ft MSL)
MW-1	30-Oct-06	12.31	6.68	5.63
	21-Dec-06	12.31	5.98	6.33
	12-Mar-07	12.31	4.93	7.38
	6-Jun-07	12.31	5.43	6.88
	4-Sep-07	12.31	5.79	6.52
MW-2	30-Oct-06	8.06	4.17	3.89
	21-Dec-06	8.06	2.65	5.41
	12-Mar-07	8.06	0.97	7.09
	6-Jun-07	8.06	1.79	6.27
	4-Sep-07	8.06	2.65	5.41
MW-3	30-Oct-06	10.49	7.39	3.10
	21-Dec-06	10.49	6.70	3.79
	12-Mar-07	10.49	5.38	5.11
	6-Jun-07	10.49	5.90	4.59
	4-Sep-07	10.49	6.13	4.36
MW-4	30-Oct-06	15.46	10.86	4.60
	21-Dec-06	15.46	10.02	5.44
	12-Mar-07	15.46	9.52	5.94
	6-Jun-07	15.46	9.83	5.63
	4-Sep-07	15.46	9.95	5.51
MW-5	30-Oct-06	11.94	6.58	5.36
	21-Dec-06	11.94	6.34	5.60
	12-Mar-07	11.94	5.81	6.13
	6-Jun-07	11.94	5.94	6.00
	4-Sep-07	11.94	5.97	5.97
MW-6	30-Oct-06	14.80	9.28	5.52
	21-Dec-06	14.80	9.24	5.56
	12-Mar-07	14.80	8.59	6.21
	6-Jun-07	14.80	8.69	6.11
	4-Sep-07	14.80	8.76	6.04

Notes:
TOC - top of casing
ft MSL - feet above mean sea level, referenced to North American Vertical Datum of 1988 (NAVD88)
ft btoc - feet below top of casing

Table 3
Summary of Laboratory Analytical Results for Hydrocarbons and VOCs in Groundwater Samples
Mowry Ave. 10-Acre Parcel
Newark, California

Well Identification	Date Sampled	Analytical Results																	
		TPHg (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	TPHms (µg/L)	TPHk (µg/L)	Benzene (µg/L)	EB (µg/L)	Toluene (µg/L)	Xylenes (µg/L)	1,1-DCA (µg/L)	1,4-DCB (µg/L)	Carbon Disulfide (µg/L)	cis-1,2-DCE (µg/L)	TBA (µg/L)	trans-1,2-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	MtbE (µg/L)
MW-1	10/30/2006	<25	<200	<50	<50	<50	**3.2**	**0.76**	**3.4**	**1.7**	<0.50	<0.50	<0.50	**0.79**	<10	<0.50	<0.50	<0.50	**3.4**
	12/21/2006	**25**	<200	<50	<50	<50	**3.1**	**0.70**	**3.1**	**1.0**	<0.50	<0.50	<0.50	**0.72**	<10	<0.50	<0.50	<0.50	**4.3**
	3/12/2007	**43**	<190	**95** [7]	<48	<48	**4.3**	**0.98**	**4.9**	**2.4**	<0.50	<0.50	<0.50	**1.10**	<10	<0.50	<0.50	<0.50	**3.9**
	6/6/2007	**32**	<100	<50	<50	<50	**5.5**	**1.20**	**5.4**	**2.5**	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	**3.6**
	9/4/2007	<25	<100	<50	<50	<50	**1.4**	<0.50	**1.4**	<0.50	<0.50	<0.50	<0.50	**0.55**	<10	<0.50	<0.50	<0.50	**4.7**
MW-2	10/30/2006	<25	<190	<48	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	12/21/2006	<25	<200	<50	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	3/12/2007	<25	<190	<48	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	6/6/2007	<25	<100	<50	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	9/4/2007	<25	<96	<48	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
MW-3	10/30/2006	**33**	**230**	**810** [1]	<48	<48	**1.6**	**0.90**	<0.50	**0.53**	<0.50	**4.1**	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	12/21/2006	**41**	<200	**620** [4]	<49	<49	**1.6**	**0.95**	<0.50	**0.59**	<0.50	**4.4**	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	3/12/2007	**50**	<190	**560** [6]	<48	<48	**1.3**	**0.64**	<0.50	<0.50	<0.50	**4.8**	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	6/6/2007	**31**	<100	<50 [11]	<50	<50	**0.93**	<0.50	<0.50	<0.50	<0.50	**5.7**	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	9/4/2007	**33**	<99	<50 [13]	<50	<50	**0.87**	<0.50	<0.50	<0.50	<0.50	**5.3**	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
MW-4	10/30/2006	<25	<190	<48 [2]	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.8**	<10	<0.50	<0.50	**0.69**	<1.0
	12/21/2006	<25	<200	<49	<49	<49	<0.50	<0.50	<0.50	<0.50	**0.62**	<0.50	<0.50	**3.9**	<10	<0.50	**0.63**	**0.73**	<1.0
	3/12/2007	**26** [8]	<200	<50	<50	<50	<0.50	<0.50	<0.50	<0.50	**0.58**	<0.50	<0.50	**3.6**	<10	<0.50	**0.77**	**0.86**	<1.0
	6/6/2007	<25	<100	<50	<50	<50	<0.50	<0.50	<0.50	<0.50	**0.53**	<0.50	<0.50	**3.4**	<10	<0.50	**0.51**	**0.64**	<1.0
	9/4/2007	<25	<96	<48	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.7**	<10	<0.50	**0.63**	**0.65**	<1.0
MW-5	10/30/2006	<25	<190	<48 [3]	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.52**	**0.52**	<10	<0.50	<0.50	<0.50	<1.0
	12/21/2006	<25	<210	<52	<52	<52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**12.0**	<10	**1.3**	<0.50	**1.5**	<1.0
	3/12/2007	<25	<190	**83** [10]	<48	<48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**3.0**	<10	**0.68**	<0.50	<0.50	<1.0
	6/6/2007	<25	<100	<50	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.75**	<10	<0.50	<0.50	<0.50	<1.0
	9/4/2007	<25	<100	<51	<51	<51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
MW-6	10/30/2006	**26**	**1,100**	<51	<51	<51	**2.6**	**0.54**	**0.56**	<0.50	<0.50	**3.2**	**0.58**	<0.50	**32**	<0.50	<0.50	<0.50	<1.0
	12/21/2006	**40**	<210	<52 [5]	<52	<52	**2.6**	<0.50	<0.50	<0.50	<0.50	**3.5**	**0.78**	<0.50	**76**	<0.50	<0.50	<0.50	<1.0
	3/12/2007	**55**	<200	**220** [9]	<49	<49	**2.9**	<0.50	<0.50	<0.50	<0.50	**4.1**	<0.50	<0.50	**85**	<0.50	<0.50	<0.50	<1.0
	6/6/2007	**48**	<100	<50 [12]	<50	<50	**3.6**	**0.69**	<0.50	<0.50	<0.50	**6.8**	<0.50	<0.50	**18**	<0.50	<0.50	<0.50	<1.0
	9/4/2007	**32**	**150**	<51 [14]	<51	<51	**3.2**	**0.69**	<0.50	<0.50	<0.50	**6.2**	<0.50	<0.50	**26**	<0.50	<0.50	<0.50	<1.0
Trip Blank	3/12/2007	<25	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0
	6/6/2007	<25	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<1.0

Notes

µg/L : Micrograms per liter
<25 : Not detected at or above the respective laboratory reporting limit
VOCs : Volatile organic compounds
TPHg : Total petroleum hydrocarbons quantified as gasoline
TPHmo : Total petroleum hydrocarbons quantified as motor oil
TPHd: Total petroleum hydrocarbons quantified as diesel
TPHms : Total petroleum hydrocarbons quantified as mineral spirits
TPHk : Total petroleum hydrocarbons quantified as kerosene
EB: Ethylbenzene
1,1-DCA: 1,1-dichloroethane
1,4-DCB : 1,4-dichlorobenzene

cis-1,2-DCE : cis-1,2-dichloroethene
TBA : tert-Butanol
trans-1,2-DCE : Trans-1,2-dichloroethene
PCE: Tetrachloroethene
TCE: Trichloroethene
MtbE : · Methyl-t-butyl Ether
NA : Not Analyzed
All compounds not listed were not detected in any samples

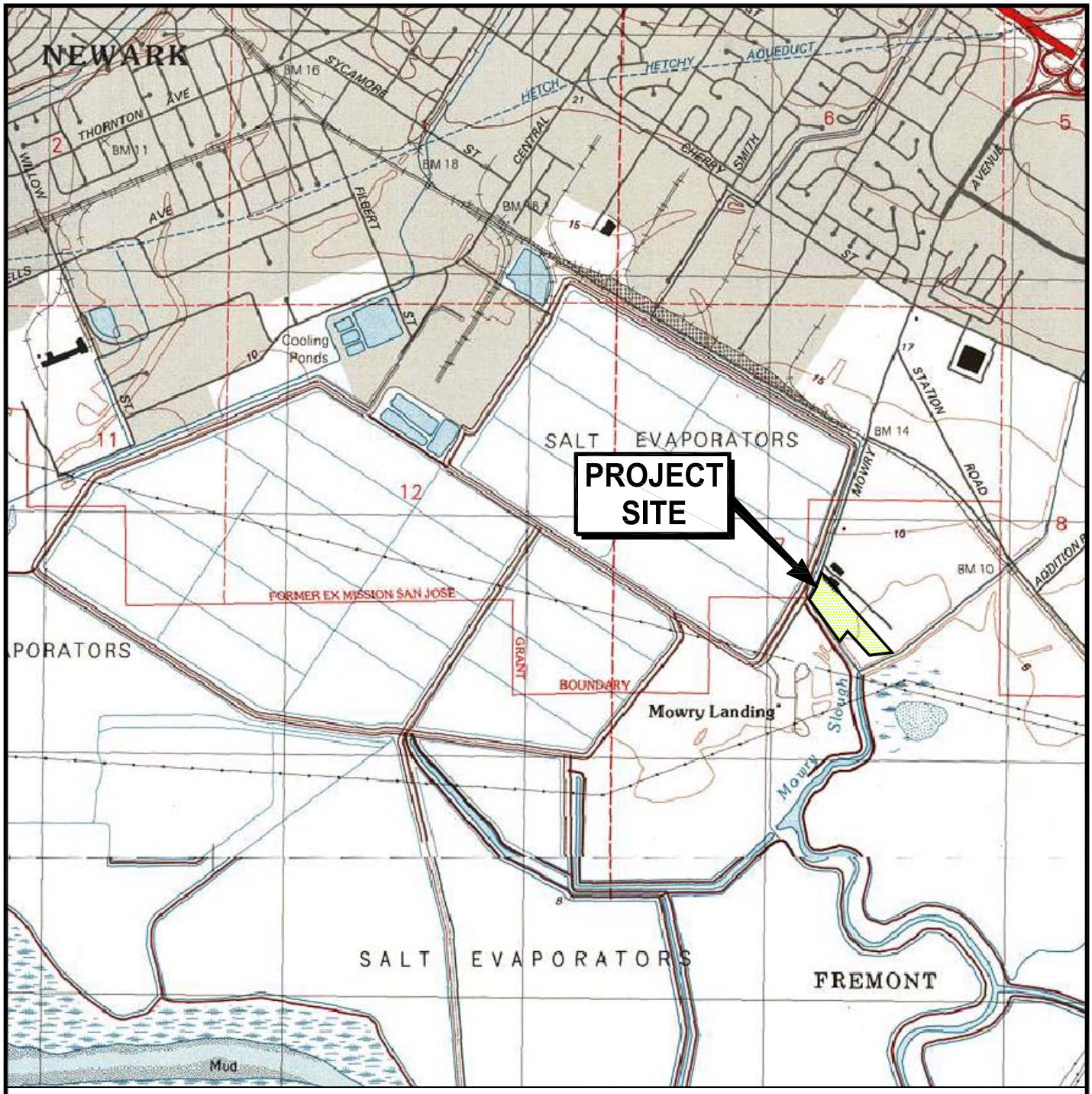
[1] : Atypical diesel pattern
[2] : 130 ppb hydrocarbon (C10-C36). No diesel pattern present.
[3] : 140 ppb hydrocarbon (C10-C36). No diesel pattern present.
[4] : Atypical pattern (C10-C28).
[5] : 340 ppb hydrocarbons (C9-C30). No diesel pattern present.
[6] : Atypical pattern (C12-C30).
[7] : Atypical pattern (C12-C30).
[8] : Not a gas pattern. Value due to chlorinated compounds
[9] : Atypical pattern (C9-C30).
[10] : Atypical pattern (C12-C30).
[11] : 440 µg/L hydrocarbon (C10-C20). No diesel pattern present
[12] : 110 µg/L hydrocarbon and mixed with discrete peaks (C9-C26). No diesel pattern present
[13]: 440 µg/L hydrocarbon (C9-C20). No diesel pattern present.
[14]: 77 µg/L hydrocarbon (C9-C20). No diesel pattern present.

Table 4
Summary of Laboratory Analytical Results for Title 22 Metals in Groundwater Samples
Mowry Ave. 10-Acre Parcel
Newark, California

Well ID	Date Sampled	Analytical Results										
		Arsenic (mg/L)	Barium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
MW-1	10/30/2006	**0.017**	**0.033**	<0.0050	<0.0050	**0.0093**	<0.0050	**0.025**	**0.0087**	<0.020	<0.0050	**0.22**
	12/21/2006	**0.024**	**0.048**	<0.0050	<0.0050	**0.016**	**0.016**	**0.020**	**0.0089**	<0.020	<0.0050	**0.27**
	3/12/2007	**0.027**	**0.032**	<0.0050	<0.0050	**0.0084**	<0.0050	**0.018**	**0.0084**	<0.020	<0.0050	**0.19**
	6/6/2007	**0.026**	**0.043**	**0.0052**	<0.0050	**0.019**	**0.022**	**0.012**	**0.012**	<0.020	<0.0050	**0.15**
	9/4/2007	**0.038**	**0.035**	<0.0050	<0.0050	<0.0050	<0.0050	0.011	**0.005**	<0.020	<0.0050	**0.14**
MW-2	10/30/2006	<0.0050	**0.029**	<0.0050	**0.013**	**0.012**	<0.0050	<0.0050	**0.050**	<0.020	<0.0050	**0.014**
	12/21/2006	<0.010	**0.024**	<0.0050	**0.012**	**0.0051**	<0.0050	<0.0050	**0.048**	<0.020	<0.0050	<0.010
	3/12/2007	<0.010	**0.022**	<0.0050	**0.014**	**0.0054**	<0.0050	<0.0050	**0.05**	<0.020	<0.0050	<0.010
	6/6/2007	<0.010	**0.022**	<0.0050	**0.013**	**0.0099**	<0.0050	<0.0050	**0.044**	<0.020	<0.0050	<0.010
	9/4/2007	**0.012**	**0.025**	<0.0050	**0.012**	<0.0050	<0.0050	<0.0050	**0.042**	<0.020	<0.0050	<0.010
MW-3	10/30/2006	<0.010	**2.6**	<0.0050	<0.0050	**0.015**	<0.0050	**0.0076**	<0.0050	<0.020	<0.0050	**0.015**
	12/21/2006	**0.013**	**2.3**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0085**	<0.020	<0.0050	<0.010
	3/12/2007	<0.010	**2.4**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	<0.010
	6/6/2007	**0.021**	**2.4**	<0.0050	**0.0088**	<0.0050	<0.0050	<0.0050	**0.029**	<0.020	<0.0050	<0.010
	9/4/2007	**0.023**	**2**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0059**	<0.020	**0.0061**	<0.010
MW-4	10/30/2006	<0.010	**0.068**	<0.0050	**0.0094**	**0.017**	<0.0050	<0.0050	**0.026**	<0.020	<0.0050	**0.021**
	12/21/2006	<0.010	**0.061**	**0.0067**	**0.0098**	**0.010**	<0.0050	<0.0050	**0.028**	<0.020	<0.0050	**0.013**
	3/12/2007	**0.014**	**0.061**	<0.0050	**0.012**	**0.010**	<0.0050	<0.0050	**0.029**	<0.020	<0.0050	<0.010
	6/6/2007	**0.011**	**0.056**	<0.0050	**0.012**	**0.0077**	<0.0050	<0.0050	**0.026**	<0.020	<0.0050	<0.010
	9/4/2007	**0.015**	**0.055**	<0.0050	**0.011**	<0.0050	<0.0050	<0.0050	**0.025**	<0.020	<0.0050	<0.010
MW-5	10/30/2006	**0.018**	**1.1**	<0.0050	<0.0050	**0.0085**	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	**0.025**
	12/21/2006	<0.010	**0.60**	<0.0050	**0.0063**	<0.0050	<0.0050	<0.0050	**0.014**	<0.020	<0.0050	**0.40**
	3/12/2007	<0.010	**0.79**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.010**	<0.020	<0.0050	**0.39**
	6/6/2007	**0.012**	**1.2**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0071**	<0.020	<0.0050	**0.084**
	9/4/2007	**0.016**	**1.0**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	<0.010
MW-6	10/30/2006	<0.010	**2.1**	**0.0077**	<0.0050	**0.0097**	<0.0050	<0.0050	<0.0050	**0.020**	<0.0050	**0.014**
	12/21/2006	<0.010	**1.8**	**0.0089**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	<0.010
	3/12/2007	**0.017**	**2.6**	**0.0062**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	<0.010
	6/6/2007	**0.014**	**3.0**	**0.0053**	<0.0050	**0.0065**	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	<0.010
	9/4/2007	**0.017**	**3.4**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.020	<0.0050	<0.010

Notes
mg/L : Milligrams per liter
<0.01 : Not detected at or above the respective laboratory reporting limit

ILLUSTRATIONS



0 2000 4000

Scale in Feet

N

U.S.G.S. Topo Map - Newark, California, 7.5-minute quadrangle.1997.

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Site Location Map
Mowry Avenue 10-Acre Parcel
Newark, California

PLATE
1

126.050.02.006	12605002006_4q07_1-2	WFF	10/07
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

PES Environmental, Inc.
Engineering & Environmental Services

Groundwater Elevations and Flow Direction
September 2007
Mowry Avenue 10-Acre Parcel
Newark, California

PLATE
2

126.050.02.006	12605002006_4q07_1-2	WFF	10/07
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

APPENDIX A

FIELD SAMPLING FORMS

FIELD ACTIVITY REPORT
FOR

SEPTEMBER 2007
QUARTERLY GROUNDWATER SAMPLING EVENT

MOWRY AVENUE 10-ACRE PARCEL
NEWARK, CALIFORNIA

Prepared for: PES Environmental Inc.
1682 Novato Blvd., Suite 100
Novato, California 94947

Date Prepared: September 7, 2007

Environmental
Sampling Services

FIELD ACTIVITY REPORT
FOR

SEPTEMBER 2007
QUARTERLY GROUNDWATER SAMPLING

MOWRY AVENUE 10-ACRE PARCEL
NEWARK, CALIFORNIA

Tasks: Groundwater Monitoring and Sampling
ESS Personnel: Stephen Penman
Date of Activities: September 4, 2007

Decontamination Procedures

All downhole equipment was cleaned with Liqui-Nox® laboratory-grade soap, potable water, and rinsed with distilled water prior to use and between each monitoring well.

Equipment Calibration

Each water quality meter was calibrated prior to use. The pH meter was calibrated using pH buffer standard solutions 4, 7, and 10. The Specific Conductivity/Temperature meter is factory calibrated and runs through a self-test when the meter is activated. The Turbidity meter was calibrated to 0.02 NTUs with a 0.02 NTU solution standard.

Groundwater Level Measurements

Depth to groundwater level measurements for six monitoring wells were measured and recorded prior to any purging activity. Each well was allowed to equilibrate to atmospheric pressure for at least 20 minutes. All readings were performed with a Solinst® Water Level Meter. Three successive readings that agreed to within one-hundredth of a foot determined depth to groundwater. All measurements were referenced to the north rim at the top of PVC well casing (Table 1).

Well Purging & Sampling Procedures

For each monitoring well, the removal of three well casing volumes and stabilization of water quality parameters were required prior to sampling. Purging was determined completed when pH, Specific Conductance, and Temperature readings were within ± 10% for three successive readings. If, after the removal of three casing volumes, parameters did not stabilize, purging and monitoring continued until stabilization was achieved or until five casing volumes were removed.

At each well, a new disposable polyethylene bailer was used for purging and sampling. Disposable bottom-emptying devices were used for collection of volatile samples.

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Chemical Analyses

Groundwater samples were collected for: Volatile Organic Compounds, TPH as Gasoline, BTEX, and MTBE by EPA Method 8260B, Semi-Volatile Organics by EPA Method 8270; TPH-Extractable by EPA Method 8015, and Dissolved Title 22 Metals.

Sample Containers

Entech Analytical Laboratories, Inc. of Santa Clara, California provided all sample kit containers.

Each VOC, TPH-Gas, BTEX and MTBE sample set was contained in three, 40-ml VOA clear glass containers preserved with hydrochloric acid.

Each Semi-Volatile sample set was contained in two, non-preserved, one-liter amber glass containers.

Each TPH-Extractable sample set was contained in two, non-preserved, one-liter amber glass containers.

Each Title 22 Metals sample was contained in a non-preserved, 250-ml plastic container.

Sample Handling

All sample labels were completed with waterproof ink and affixed to sample containers. Groundwater samples were collected and containerized in the order of decreasing volatilization sensitivity.

During decanting, each VOA sample container was slightly tilted to avoid aeration or degassing. The container was inverted and tapped lightly to check for air bubbles. The absence of air bubbles indicated a successful seal.

Non-volatile sample containers were filled to maximum capacity.

All samples were sealed in Ziploc® storage bags and placed in chilled coolers. Bubble wrap material and wet ice were used.

QA/QC

The laboratory did not provide the requested Trip Blank set.

No other QA/QC samples were requested.

Chain of Custody (COC) Form

All sampling and sample handling were conducted under standard chain of custody procedures. The COC included: sampler's name and signature, sample identification, sample date and time, type and number of bottles submitted, analysis request section, and any special instructions/comments. All samples were relinquished to the laboratory September 4, 2007.

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Storage of Wastewater

Approximately 17 gallons of purged groundwater and decontamination water were transferred into an existing drum and the remaining 20 gallons into a new, labeled 55-gallon drum.

Comments

The laboratory did not provide the proper containers for Dissolved Metals; the nitric acid was missing. A request to filter and acidify these samples was noted on the Chain of Custody.

SVOCs analyses were canceled by PES.

The new gate combination is 0212. All monitoring wells are missing locks.

Jacqueline Lee
Partner

Attachments
Table 1: Summary of Groundwater Sample Collection
Water Sample Log Sheets
Original Chain of Custody
Revised Chain of Custody

Environmental Sampling Services

Table 1: Summary of September 2007 Quarterly Groundwater Sampling Event
Project Name: Mowry Avenue, 10-Acre Parcel
Project Location: Newark, California

Well I.D.	Date of Measurement (mm/dd/yr)	Time of Measurement	Depth to Groundwater (Feet, TOC)	Well Depth (Feet, TOC)	Total Gallons Removed	Equivalent Casing Volumes	Sample Time	QA/QC Sample
MW-1	09/04/07	10:18	5.79	13.84	5.0	3.9	14:51	NA
MW-2	09/04/07	10:42	2.65	14.86	7.0	3.5	12:08	NA
MW-3	09/04/07	10:46	6.13	13.91	7.0	5.4	11:18	NA
MW-4	09/04/07	10:28	9.95	15.36	3.0	3.3	12:48	NA
MW-5	09/04/07	10:18	5.97	14.38	5.0	3.6	14:10	NA
MW-6	09/04/07	10:32	8.76	15.25	6.0	5.5	13:30	NA

Legend:
TOC = Top of Well Casing
NA = Not Applicable

Environmental Sampling Services

WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **MW-1** DATE 9/04/07

Project Name: Mowry Ave., 10-Acre Parcel, Newark, CA Project Contact: Chris Baldassari - PES Enviromental

Laboratory: Entech Analytical Labs, Inc. (408) 588-0200 Weather Conditions: Clear, Breezy + Warm

Well Description: 1" 2" 4" 5" 6" Other Well Type: PVC Stainless Steel Other:_____

Is Well Secured? Yes / No Bolt Size: 9/16" Type of Lock / Lock number: No lock

Observations / Comments:_____

Purge Method: Teflon / PE Disposable Bailer / Centrifugal Pump GrundFos Pump Peristaltic Pump

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other: _____

Sampling Method: Disp. Teflon Bailer / Disp. PE Bailer / GrundFos Redi-flow Pump Peristaltic Pump

pH Meter Serial No.: 217254 / 330089 Spec. Cond. Meter Serial No.: 96H0203AB / AE

Date/Time Calibrated: 9/4 @ 10:50 4 7 10 @ 25°C Spec.Cond. Meter Calibration: Self Test Other: _____

Method to Measure Water Level: Solinst / Slope Serial No.: 21752 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 5.79 Water Level Prior To Sampling: 5.80

TD = 13.84 - 5.79 (DTW) = 8.05 (ft.of water) x "K" = 1.3 (Gals./CV) x 3 (No. of CV) = 3.9 (Gals.)

"K"= 0.04 (1" well) "K"= 0.163 (2" well) "K" = 0.653 (4" well) "K" = 1.02 (5" well) "K" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Gallons)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTUs)	Color	Comments
9/4/07	14:38	1	6.86	20.0	9.59	>1000	Reddish Brown	Fine sand
	14:41	2	6.87	20.0	9.71	>1000	Reddish Brown	" "
	14:43	3	6.85	20.1	9.92	>1000	"	" "
	14:45	4	6.86	19.9	10.14	>1000	"	" "
	14:47	5	6.84	19.6	10.20	>1000	"	" "

Total Discharge: 5 Gallons Casing Volumes Removed: 3.9

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other:_____

Date/Time Sampled: 09/04/07 @ 14:51 Analysis: TPHg, BTEX, MTBE, VOC's (8260B); TEPH (8015); Semi-volatile organics (8270); Title 22 Metals - (Lab will filter & preserve).

Number of Sample Containers: 8 Preservative: None / HCl HNO3 H2SO4 Other

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments: _____

Recorded by: Stephen Penman / Jacki Lee Signature(s): [signature]

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **MW-2** DATE 9/04/07

Project Name: Mowry Ave., 10-Acre Parcel, Newark, CA Project Contact: Chris Baldassari - PES Enviromental

Laboratory: Entech Analytical Labs, Inc. (408) 588-0200 Weather Conditions: Clear, breezy + warm

Well Description: 1" 2" 4" 5" 6" Other Well Type: PVC Stainless Steel Other:

Is Well Secured? Yes / No Bolt Size: 9/16" Type of Lock / Lock number: No lock

Observations / Comments:

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump GrundFos Pump Peristaltic Pump

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer GrundFos Redi-flow Pump Peristaltic Pump

pH Meter Serial No.: 217254 / 330089 Spec. Cond. Meter Serial No.: 96H0203AB / AE

Date/Time Calibrated: 9/4 @ 10:50 4 7 10 @ 25°C Spec.Cond. Meter Calibration: Self Test Other:

Method to Measure Water Level: Solinst Slope Serial No.: 21752 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 2.57 Water Level Prior To Sampling: 5.59↑

TD = 14.86 - 2.57 (DTW) = 12.29 (ft.of water) x "K" = 2.0 (Gals./CV) x 3 (No. of CV) = 6 (Gals.)

"K"= 0.04 (1" well) "K"= 0.163 (2" well) "K" = 0.653 (4" well) "K" = 1.02 (5" well) "K" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Gallons)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTUs)	Color	Comments
9/4/07	11:50	1	6.24	21.8	13.27	189	Cloudy Lt. Brn.	
	11:53	2	6.25	20.3	12.47	261	Lt. Brown	
	11:55	3	6.26	20.0	12.07	327	" "	
	11:58	4	6.26	19.8	11.82	447	" "	
	12:00	5	6.26	19.7	11.65	651	" "	
	12:02	6	6.24	19.6	11.66	728	" "	
	12:05	7	6.25	19.6	11.71	741	" "	

Total Discharge: 7 Gallons Casing Volumes Removed: 3.5

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other:

Date/Time Sampled: 9/4/07 @ 12:08 Analysis: TPHg, BTEX, MTBE, VOC's (8260B); TEPH (8015); Semi-volatile organics (8270); Title 22 Metals - (Lab will filter & preserve).

Number of Sample Containers: 8 Preservative: None HCl HNO3 H2SO4 Other

QA/QC: None @ as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments:

Recorded by: Stephen Penman / Jacki Lee Signature(s):

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **MW-3** DATE 9/04/07

Project Name: Mowry Ave., 10-Acre Parcel, Newark, CA Project Contact: Chris Baldassari - PES Enviromental

Laboratory: Entech Analytical Labs, Inc. (408) 588-0200 Weather Conditions: Mostly Sunny, breezy + warm

Well Description: 1" 2" 4" 5" 6" Other Well Type: PVC Stainless Steel Other:

Is Well Secured? Yes No Bolt Size: 9/16" Type of Lock / Lock number: No lock

Observations / Comments:

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump GrundFos Pump Peristaltic Pump

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer GrundFos Redi-flow Pump Peristaltic Pump

pH Meter Serial No.: 217254 / 330089 Spec. Cond. Meter Serial No.: 96H0203AB / AE

Date/Time Calibrated: 9/4 @ 10:50 4 7 10 @ 25°C Spec.Cond. Meter Calibration: Self Test Other:

Method to Measure Water Level: Solinst / Slope Serial No.: 21752 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 6.13 Water Level Prior To Sampling: 8.54↑

TD = 13.91 - 6.13 (DTW) = 7.78 (ft.of water) x "K" = 1.3 (Gals./CV) x 3 (No. of CV) = 3.9 (Gals.)

"K"= 0.04 (1" well) "K"= 0.163 (2" well) "K" = 0.653 (4" well) "K" = 1.02 (5" well) "K" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Gallons)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTUs)	Color	Comments
9/4/07	10:58	1	7.26	21.2	9.00	60.5	Brownish Green	
	11:02	2	7.34	20.3	11.72	54.2	"	
	11:04	3	7.11	19.9	13.02	58.3	"	
	11:07	4	6.91	19.7	13.57	105	"	
	11:09	5	6.87	19.7	14.16	111	"	
	11:12	6	6.86	19.6	14.46	117	"	
	11:15	7	6.91	19.7	14.50	129	"	

Total Discharge: 7 Gallons Casing Volumes Removed: 5.4

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other:

Date/Time Sampled: 9/4/07 @ 11:18 Analysis: TPHg, BTEX, MTBE, VOC's (8260B); TEPH (8015); Semi-volatile organics (8270); Title 22 Metals - (Lab will filter & preserve).

Number of Sample Containers: 8 Preservative: None HCl HNO3 H2SO4 Other

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments:

Recorded by: Stephen Penman / Jacki Lee Signature(s):

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WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **MW-4** DATE 9/04/07

Project Name: Mowry Ave., 10-Acre Parcel, Newark, CA Project Contact: Chris Baldassari - PES Enviromental

Laboratory: Entech Analytical Labs, Inc. (408) 588-0200 Weather Conditions: Clear, breezy & warm

Well Description: 1" 2" 4" 5" 6" Other Well Type: PVC Stainless Steel Other:

Is Well Secured? Yes / No Bolt Size: 9/16" Type of Lock / Lock number: No lock

Observations / Comments:

Purge Method: Teflon / PE Disposable Bailer Centrifugal Pump GrundFos Pump Peristaltic Pump

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer GrundFos Redi-flow Pump Peristaltic Pump

pH Meter Serial No.: 217254 / 330089 Spec. Cond. Meter Serial No.: 96H0203AB / AE

Date/Time Calibrated: 9/4 10:50 4 7 10 @ 25°C Spec.Cond. Meter Calibration: Self Test Other:

Method to Measure Water Level: Solinst / Slope Serial No.: 21752 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 9.95 Water Level Prior To Sampling: 12.50 ↑

TD = 15.36 - 9.95 (DTW) = 5.41 (ft.of water) x "K" = 0.9 (Gals./CV) x 3 (No. of CV) = 2.7 (Gals.)

"K"= 0.04 (1" well) "K"= 0.163 (2" well) "K" = 0.653 (4" well) "K" = 1.02 (5" well) "K" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Gallons)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTUs)	Color	Comments
9/4/07	12:32	0.5	6.32	20.3	21.12	138	Lt. Brown	
	12:35	1.0	6.25	19.4	18.78	174	" "	
	12:37	1.5	6.23	19.3	18.18	237	" "	
	12:39	2.0	6.16	19.0	18.17	309	" "	
	12:41	2.5	6.17	18.8	18.25	374	" "	
	12:44	3.0	6.15	18.9	18.64	396	" "	

Total Discharge: 3.0 Gallons Casing Volumes Removed: 3.3

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other:

Date/Time Sampled: 9/04/07 @ 12:48 Analysis: TPHg, BTEX, MTBE, VOC's (8260B); TEPH (8015); Semi-volatile organics (8270); Title 22 Metals - (Lab will filter & preserve).

Number of Sample Containers: 8 Preservative: None HCl HNO3 H2SO4 Other

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments:

Recorded by: Stephen Penman / Jacki Lee Signature(s):

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Environmental Sampling Services

WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **MW-5** DATE 9/04/07

Project Name: Mowry Ave., 10-Acre Parcel, Newark, CA Project Contact: Chris Baldassari - PES Enviromental

Laboratory: Entech Analytical Labs, Inc. (408) 588-0200 Weather Conditions: Clear, breezy + warm

Well Description: 1" 2" 4" 5" 6" Other Well Type: PVC Stainless Steel Other:

Is Well Secured? Yes / No Bolt Size: 9/16" Type of Lock / Lock number: No lock

Observations / Comments:

Purge Method: Teflon / PE Disposable Bailer / Centrifugal Pump GrundFos Pump Peristaltic Pump

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Sampling Method: Disp. Teflon Bailer / Disp. PE Bailer / GrundFos Redi-flow Pump Peristaltic Pump

pH Meter Serial No.: 217254 / 330089 Spec. Cond. Meter Serial No.: 96H0203AB / AE

Date/Time Calibrated: 9/4 @ 10:50 4 7 10 @ 25°C Spec.Cond. Meter Calibration: Self Test / Other:

Method to Measure Water Level: Solinst / Slope Serial No.: 21752 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 5.97 Water Level Prior To Sampling: 5.98

TD = 14.38 - 5.97 (DTW) = 8.41 (ft.of water) x "K" = 1.4 (Gals./CV) x 3 (No. of CV) = 4.2 (Gals.)

"K"= 0.04 (1" well) "K"= 0.163 (2" well) "K" = 0.653 (4" well) "K" = 1.02 (5" well) "K" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Gallons)	pH	Temp. (°C)	Specific Conductance mS / uS	Turbidity (NTUs)	Color	Comments
9/4/07	13:58	1	6.70	20.7	22.90	104	Cloudy Lt. Brown	
	14:00	2	6.71	20.7	22.80	317	Brown	
	14:02	3	6.72	20.6	22.76	421	grayish Brown	
	14:05	4	6.71	20.7	22.75	478	"	
	14:08	5	6.72	20.6	22.89	446	"	

Total Discharge: 5 Gallons Casing Volumes Removed: 3.6

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other:

Date/Time Sampled: 9/04/07 @ 14:10 Analysis: TPHg, BTEX, MTBE, VOC's (8260B); TEPH (8015); Semi-volatile organics (8270); Title 22 Metals - (Lab will filter & preserve).

Number of Sample Containers: 8 Preservative: None HCl HNO3 H2SO4 Other

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments:

Recorded by: Stephen Penman / Jacki Lee Signature(s):

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www.envsampling.com

Environmental Sampling Services

WATER QUALITY SAMPLE LOG SHEET	WELL IDENTIFICATION **MW-6** DATE 9/04/07

Project Name: Mowry Ave., 10-Acre Parcel, Newark, CA Project Contact: Chris Baldassari - PES Enviromental

Laboratory: Entech Analytical Labs, Inc. (408) 588-0200 Weather Conditions: Clear, breezy + warm

Well Description: 1" 2" 4" 5" 6" Other Well Type: PVC Stainless Steel Other:

Is Well Secured? Yes / No Bolt Size: 9/16" Type of Lock / Lock number: No lock

Observations / Comments:

Purge Method: Teflon PE Disposable Bailer Centrifugal Pump GrundFos Pump Peristaltic Pump

Pump Lines: NA New / Cleaned / Dedicated Bailer Line: NA New / Cleaned / Dedicated

Method of Cleaning Pump: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Method of Cleaning Bailer: NA Alconox Liqui-nox Tap Water DI Rinse Other:

Sampling Method: Disp. Teflon Bailer Disp. PE Bailer GrundFos Redi-flow Pump Peristaltic Pump

pH Meter Serial No.: 217254 / 330089 Spec. Cond. Meter Serial No.: 96H0203AB / AE

Date/Time Calibrated: 9/4 @ 10:50 4 7 10 @ 25°C Spec.Cond. Meter Calibration: Self Test Other:

Method to Measure Water Level: Solinst / Slope Serial No.: 21752 P.I.D. Reading: NA ppm

Water Level at Start (DTW): 8.76 Water Level Prior To Sampling: 8.78

TD = 15.25 - 8.76 (DTW) = 6.49 (ft.of water) x "K" = 1.1 (Gals./CV) x 3 (No. of CV) = 3.3 (Gals.)

"K"= 0.04 (1" well) "K"= 0.163 (2" well) "K" = 0.653 (4" well) "K" = 1.02 (5" well) "K" = 1.46 (6" well)

FIELD WATER QUALITY PARAMETERS

Date	Time	Discharge (Gallons)	pH	Temp. (°C)	Specific Conductance mS uS	Turbidity (NTUs)	Color	Comments
9/4/07	13:12	1	6.59	22.5	21.56	67.7	Black Tint	
	13:15	2	6.64	22.2	18.72	64.4	"	
	13:18	3	6.68	22.2	17.01	46.8	"	
	13:21	4	6.72	22.2	15.72	36.0	"	
	13:24	5	6.72	22.2	15.84	25.5	"	
	13:26	6	6.73	22.3	15.49	19.0	"	

Total Discharge: 6 Gallons Casing Volumes Removed: 5.5

Method of disposal of discharged water: 55 Gallon Drum(s) Poly Tank Treatment System Other:

Date/Time Sampled: 9/04/07 @ 13:30 Analysis: TPHg, BTEX, MTBE, VOC's (8260B); TEPH (8015); Semi-volatile organics (8270); Title 22 Metals - (Lab will filter & preserve).

Number of Sample Containers: 8 Preservative: None HCl HNO3 H2SO4 Other

QA/QC: None @ — as an Equipment Blank Duplicate MS/MSD Lab Split Field Blank

Comments:

Recorded by: Stephen Penman / Jacki Lee Signature(s): [signature]

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www.envsampling.com

56973

Environmental Sampling Services

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Telephone: (925) 372-8108 Fax: (925) 372-6705
www.envsampling.com Log Code: ESSM

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STD. 5 DAY.

GeoTracker EDF ☐ PDF ☐ Excel ☐

GeoTracker Site Identification: _____

FedEx ☐ UPS ☐ _____ ☐ Tracking Number: _____

Laboratory: Entech Analytical Lab Code:

Send Report To: Bill Frizell **Bill To:** SAME
Company: PES Environmental, Inc. **Company:**
Address: 1682 Novato Blvd., Suite 100 **Address:**
Novato, CA 94947
E-Mail: bfrizell@pesenv.com **Tel:** ( )
Tel: (415) 899-1600 **Fax:** ( )
Fax: (415) 899-1601
Project Name: Mowry Ave., Newark **Project Number:** 126.050.02.04
Sampler's Name: Jacqueline Lee ☐ Stephen Penman ☒

SAMPLE ID	Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Container Type*	MATRIX CODE WG	SO	GS	METHOD PRESERVED Ice	HCl	HNO_3	H_2SO_4	VOCs, TPHg, BTEX & MTBE (EPA 8260B)	SVOCs (EPA 8270)	TEPH (EPA 8015)	Title 22 metals (filter & Preserve in lab.)	Other	Comments
MW-3	001	9/4/07	11:18	8	1,2,3	X			X	X			X	X	X	X		
MW-2	002	9/4/07	12:08	8	1,2,3	X			X	X			X	X	X	X		
MW-4	003	9/4/07	12:48	8	1,2,3	X			X	X			X	X	X	X		
MW-6	004	9/4/07	13:30	8	1,2,3	X			X	X			X	X	X	X		
MW-5	005	9/4/07	14:10	8	1,2,3	X			X	X			X	X	X	X		
MW-1	006	9/4/07	14:51	8	1,2,3	X			X	X			X	X	X	X		

(4) Lit Ambers each w/p
(12) VOAs each w/HCL
(1) x 250mL poly each w/p

Relinquished By:	Date:	Time:	Received By:
[signature]	9/4/07	15:10	[signature]
Relinquished By:	Date:	Time:	Received By:
	9/4/07	1538	[signature]
Relinquished By:	Date:	Time:	Received By:

ICE/°C 3.3°C HEAD SPACE ABSENT: (Yes) No
Received in Good Condition: Yes No
Metals sample(s) Field Filtered: Yes (No)
Questions regarding COC: Call ESS
COMMENTS :

FIELD POINT: MW=Monitoring Well QCFD=Field Duplicate QCFB=Field Blank
CONTAINER TYPES:
1=VOAs 2=Glass 3=Poly 4=Liner 5=Air Canister 6=Tedlar Bag

MATRIX CODE: WG=Grdwtr. SO=Soil GS=Soil Gas

Environmental Sampling Services

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Telephone: (925) 372-8108 Fax: (925) 372-6705
www.envsampling.com Log Code: ESSM

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STD. 5 DAY ☐

GeoTracker EDF ☒ PDF ☐ Excel ☐
GeoTracker Site Identification: SL0600173599
FedEx ☐ UPS ☐ _____ ☐ Tracking Number: _____
Laboratory: Entech Analytical Lab Code: _____

Send Report To: Bill Frizell
Company: PES Environmental, Inc.
Address: 1682 Novato Blvd., Suite 100, Novato, CA 94947
E-Mail: bfrizell@pesenv.com
Tel: (415) 899-1600
Fax: (415) 899-1601

Bill To: SAME
Company:
Address:
Tel: ( )
Fax: ( )

Project Name: Mowry Ave., Newark **Project Number:** 126.050.02.04
Sampler's Name: Jacqueline Lee ☐ Stephen Penman ☒

SAMPLE ID	Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Container Type*	MATRIX CODE WG	SO	GS		METHOD PRESERVED Ice	HCl	HNO_3	H_2SO_4	VOCs, TPHg, BTEX & MTBE (EPA 8260B)	SVOCs (EPA 8270)	TEPH (EPA 8015)	Title 22 metals (filter & Preserve in lab.)	Other	Comments
MW-3	001	9/4/07	11:18	8	1,2,3	X				X	X			X	X	X	X		
MW-2	002	9/4/07	12:08	8	1,2,3	X				X	X			X	X	X	X		
MW-4	003	9/4/07	12:48	8	1,2,3	X				X	X			X	X	X	X		
MW-6	004	9/4/07	13:30	8	1,2,3	X				X	X			X	X	X	X		
MW-5	005	9/4/07	14:10	8	1,2,3	X				X	X			X	X	X	X		
MW-1	006	9/4/07	14:51	8	1,2,3	X				X	X			X	X	X	X		

CANCEL

(4) Lit Ambers each w/p
(3) VOAs each w/HCL
(1) x 250mL poly each w/p

Relinquished By:	Date:	Time:	Received By:
[signature]	9/4/07	15:10	[signature]
Relinquished By:	Date:	Time:	Received By:
	9/4/07	1538	[signature]
Relinquished By:	Date:	Time:	Received By:

ICE/°C 3.3°C HEAD SPACE ABSENT: (Yes) No
Received in Good Condition: Yes No
Metals sample(s) Field Filtered: Yes (No)
Questions regarding COC: Call ESS
COMMENTS :

FIELD POINT: MW=Monitoring Well QCFD=Field Duplicate QCFB=Field Blank
CONTAINER TYPES:
1=VOAs 2=Glass 3=Poly 4=Liner 5=Air Canister 6=Tedlar Bag

MATRIX CODE: WG=Grdwtr. SO=Soil GS=Soil Gas

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

B. Frizzell
PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947

Lab Certificate Number: 56973
Issued: 09/11/2007

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark

Global ID: SL0600173599

Certificate of Analysis - Final Report

On September 04, 2007, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test / Comments
Liquid	Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater
	Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater
	Electronic Deliverables for Geotracker
	TPH-Extractable: EPA 3510C / EPA 8015B(M)
	TPH-Purgeable - GC/MS: EPA 5030B / GC/MS
	VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

C. L. Thom
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 **Phone: (408) 588-0200** **Fax: (408) 588-0201**

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-001 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/4/2007 11:18 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dichlorobenzene	**5.3**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzene	**0.87**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Detection Limit = Detection Limit for Reporting. ND = Not Detected at or above the Detection Limit.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments. Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 **Phone: (408) 588-0200** **Fax: (408) 588-0201**

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-001 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/4/2007 11:18 AM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	120	60 - 130
Dibromofluoromethane	97.3	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 **Phone: (408) 588-0200** **Fax: (408) 588-0201**

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-001 **Sample ID: MW-3** **Matrix:** Liquid **Sample Date:** 9/4/2007 11:18 AM

Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Mercury, Dissolved	ND		1.0	0.0002	mg/L	9/6/2007	WHGDISS070906	9/6/2007	WHGDISS070906

Analyzed by: Hdinh
Reviewed by: RWipfler

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Antimony	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Arsenic	**0.023**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Barium	**2.0**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Beryllium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cadmium	ND		1.0	0.0020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Chromium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cobalt	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Copper	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Lead	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Molybdenum	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Nickel	**0.0059**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Selenium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Silver	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Thallium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Vanadium	**0.0061**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Zinc	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS

Analyzed by: CTran
Reviewed by: HDINH

TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	**33**		1.0	25	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	108	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	96.8	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		0.99	50	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
440 µg/L Hydrocarbon (C9-C20). No Diesel pattern present.									
TPH as Motor Oil	ND		0.99	99	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Kerosene	ND		0.99	50	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Mineral Spirits (Stoddard)	ND		0.99	50	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	82.7	50 - 150

Analyzed by: JHsiang
Reviewed by: mtran

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/4/2007 12:08 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Detection Limit = Detection Limit for Reporting. ND = Not Detected at or above the Detection Limit.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments. Qual = Data Qualifier

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PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/4/2007 12:08 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	118	60 - 130
Dibromofluoromethane	97.2	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-002 **Sample ID: MW-2** **Matrix:** Liquid **Sample Date:** 9/4/2007 12:08 PM

Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Mercury, Dissolved	ND		1.0	0.0002	mg/L	9/6/2007	WHGDISS070906	9/6/2007	WHGDISS070906

Analyzed by: Hdinh
Reviewed by: RWipfler

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Antimony	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Arsenic	**0.012**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Barium	**0.025**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Beryllium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cadmium	ND		1.0	0.0020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Chromium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cobalt	**0.012**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Copper	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Lead	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Molybdenum	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Nickel	**0.042**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Selenium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Silver	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Thallium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Vanadium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Zinc	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS

Analyzed by: CTran
Reviewed by: HDINH

TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	60 - 130
Dibromofluoromethane	102	60 - 130
Toluene-d8	96.2	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		0.96	48	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Motor Oil	ND		0.96	96	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Kerosene	ND		0.96	48	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Mineral Spirits (Stoddard)	ND		0.96	48	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	82.7	50 - 150

Analyzed by: JHsiang
Reviewed by: mtran

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 **Phone: (408) 588-0200** **Fax: (408) 588-0201**

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-003 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/4/2007 12:48 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

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Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-003 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/4/2007 12:48 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	**2.7**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrachloroethene	**0.63**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichloroethene	**0.65**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	118	60 - 130
Dibromofluoromethane	96.8	60 - 130
Toluene-d8	104	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

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Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-003 **Sample ID: MW-4** **Matrix:** Liquid **Sample Date:** 9/4/2007 12:48 PM

Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Mercury, Dissolved	ND		1.0	0.0002	mg/L	9/6/2007	WHGDISS070906	9/6/2007	WHGDISS070906

Analyzed by: Hdinh
Reviewed by: RWipfler

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Antimony	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Arsenic	**0.015**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Barium	**0.055**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Beryllium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cadmium	ND		1.0	0.0020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Chromium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cobalt	**0.011**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Copper	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Lead	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Molybdenum	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Nickel	**0.025**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Selenium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Silver	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Thallium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Vanadium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Zinc	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS

Analyzed by: CTran
Reviewed by: HDINH

TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	106	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	97.2	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		0.96	48	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Motor Oil	ND		0.96	96	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Kerosene	ND		0.96	48	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Mineral Spirits (Stoddard)	ND		0.96	48	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	81.8	50 - 150

Analyzed by: JHsiang
Reviewed by: mtran

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Qual = Data Qualifier

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Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-004 **Sample ID: MW-6** **Matrix:** Liquid **Sample Date:** 9/4/2007 1:30 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dichlorobenzene	**6.2**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzene	**3.2**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Detection Limit = Detection Limit for Reporting. ND = Not Detected at or above the Detection Limit.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments. Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 **Phone: (408) 588-0200** **Fax: (408) 588-0201**

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-004 **Sample ID: MW-6** **Matrix:** Liquid **Sample Date:** 9/4/2007 1:30 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Ethyl Benzene	**0.69**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butanol (TBA)	**26**		1.0	10	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	119	60 - 130
Dibromofluoromethane	95.7	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-004 **Sample ID: MW-6** **Matrix:** Liquid **Sample Date:** 9/4/2007 1:30 PM

Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Mercury, Dissolved	ND		1.0	0.0002	mg/L	9/6/2007	WHGDISS070906	9/6/2007	WHGDISS070906

Analyzed by: Hdinh
Reviewed by: RWipfler

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Antimony	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Arsenic	**0.017**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Barium	**3.4**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Beryllium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cadmium	ND		1.0	0.0020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Chromium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cobalt	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Copper	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Lead	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Molybdenum	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Nickel	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Selenium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Silver	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Thallium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Vanadium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Zinc	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS

Analyzed by: CTran
Reviewed by: HDINH

TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	**32**		1.0	25	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	107	60 - 130
Dibromofluoromethane	100	60 - 130
Toluene-d8	98.2	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	51	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A
77 µg/L Hydrocarbon (C9-C20). No Diesel pattern present.									
TPH as Motor Oil	**150**		1.0	100	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A
TPH as Kerosene	ND		1.0	51	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A
TPH as Mineral Spirits (Stoddard)	ND		1.0	51	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	71.5	50 - 150

Analyzed by: JHsiang
Reviewed by: mtran

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/4/2007 2:10 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Detection Limit = Detection Limit for Reporting.
ND = Not Detected at or above the Detection Limit.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
Qual = Data Qualifier

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Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/4/2007 2:10 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methyl-t-butyl Ether	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	116	60 - 130
Dibromofluoromethane	96.3	60 - 130
Toluene-d8	105	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 **Phone: (408) 588-0200** **Fax: (408) 588-0201**

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-005 **Sample ID: MW-5** **Matrix:** Liquid **Sample Date:** 9/4/2007 2:10 PM

Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Mercury, Dissolved	ND		1.0	0.0002	mg/L	9/6/2007	WHGDISS070906	9/6/2007	WHGDISS070906

Analyzed by: Hdinh
Reviewed by: RWipfler

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Antimony	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Arsenic	**0.016**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Barium	**1.0**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Beryllium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cadmium	ND		1.0	0.0020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Chromium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cobalt	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Copper	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Lead	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Molybdenum	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Nickel	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Selenium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Silver	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Thallium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Vanadium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Zinc	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS

Analyzed by: CTran
Reviewed by: HDINH

TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	98.1	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	51	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A
TPH as Motor Oil	ND		1.0	100	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A
TPH as Kerosene	ND		1.0	51	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A
TPH as Mineral Spirits (Stoddard)	ND		1.0	51	µg/L	9/6/2007	WD070906A	9/7/2007	WD070906A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	84.9	50 - 150

Analyzed by: JHsiang
Reviewed by: mtran

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-006 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/4/2007 2:51 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
1,1,1,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,1-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2,2-Tetrachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1,2-Trichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,1-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,3-Trichloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trichlorobenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2,4-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromo-3-Chloropropane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dibromoethane (EDB)	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3,5-Trimethylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,3-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dichlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
1,4-Dioxane	ND		1.0	50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2,2-Dichloropropane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Butanone (MEK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chloroethyl-vinyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
2-Hexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Chlorotoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
4-Methyl-2-Pentanone(MIBK)	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acetonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrolein	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Acrylonitrile	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzene	**1.4**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Benzyl Chloride	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromodichloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromoform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Bromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Disulfide	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Carbon Tetrachloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chlorobenzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloroform	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Chloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Detection Limit = Detection Limit for Reporting. ND = Not Detected at or above the Detection Limit.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments. Qual = Data Qualifier

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Novato, CA 94947
Attn: B. Frizzell

Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-006 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/4/2007 2:51 PM

VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
cis-1,2-Dichloroethene	**0.55**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
cis-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Cyclohexanone	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromochloromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dibromomethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Dichlorodifluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Diisopropyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Freon 113	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Hexachlorobutadiene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Iodomethane	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropanol	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Isopropylbenzene	ND		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methyl-t-butyl Ether	**4.7**		1.0	1.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Methylene Chloride	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
n-Propylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Naphthalene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
p-Isopropyltoluene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Pentachloroethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
sec-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Styrene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Amyl Methyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butanol (TBA)	ND		1.0	10	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butyl Ethyl Ether	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
tert-Butylbenzene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrachloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Tetrahydrofuran	ND		1.0	20	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Toluene	**1.4**		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,2-Dichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,3-Dichloropropene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
trans-1,4-Dichloro-2-butene	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichloroethene	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Trichlorofluoromethane	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Acetate	ND		1.0	5.0	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Vinyl Chloride	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	116	60 - 130
Dibromofluoromethane	98.5	60 - 130
Toluene-d8	106	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
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ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Project Number: 126.050.02.004
Project Name: Mowry Ave (10-acre Parcel)
Project Location: Newark
GlobalID: SL0600173599

Certificate of Analysis - Data Report

Samples Received: 09/04/2007
Sample Collected by: Client

Lab # : 56973-006 **Sample ID: MW-1** **Matrix:** Liquid **Sample Date:** 9/4/2007 2:51 PM

Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Mercury, Dissolved	ND		1.0	0.0002	mg/L	9/6/2007	WHGDISS070906	9/6/2007	WHGDISS070906

Analyzed by: Hdinh
Reviewed by: RWipfler

Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Antimony	ND		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Arsenic	**0.038**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Barium	**0.035**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Beryllium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cadmium	ND		1.0	0.0020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Chromium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Cobalt	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Copper	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Lead	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Molybdenum	**0.011**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Nickel	**0.0050**		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Selenium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Silver	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Thallium	ND		1.0	0.020	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Vanadium	ND		1.0	0.0050	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS
Zinc	**0.14**		1.0	0.010	mg/L	9/6/2007	WM070906DISS	9/7/2007	WM070906DISS

Analyzed by: CTran
Reviewed by: HDINH

TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	9/6/2007	WM1A070906A

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	60 - 130
Dibromofluoromethane	103	60 - 130
Toluene-d8	98.5	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

TPH-Extractable: EPA 3510C / EPA 8015B(M)

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1.0	50	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Motor Oil	ND		1.0	100	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Kerosene	ND		1.0	50	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A
TPH as Mineral Spirits (Stoddard)	ND		1.0	50	µg/L	9/6/2007	WD070906A	9/6/2007	WD070906A

Surrogate	Surrogate Recovery	Control Limits (%)
n-Hexacosane	81.3	50 - 150

Analyzed by: JHsiang
Reviewed by: mtran

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

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Method Blank - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A070906A Validated by: MaiChiTu - 09/07/07

QC Batch Analysis Date: 9/6/2007

Parameter	Result	DF	PQLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,1-Trichloroethane	ND	1	0.50	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.50	µg/L
1,1,2-Trichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethane	ND	1	0.50	µg/L
1,1-Dichloroethene	ND	1	0.50	µg/L
1,1-Dichloropropene	ND	1	0.50	µg/L
1,2,3-Trichlorobenzene	ND	1	5.0	µg/L
1,2,3-Trichloropropane	ND	1	5.0	µg/L
1,2,4-Trichlorobenzene	ND	1	5.0	µg/L
1,2,4-Trimethylbenzene	ND	1	5.0	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5.0	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.50	µg/L
1,2-Dichlorobenzene	ND	1	0.50	µg/L
1,2-Dichloroethane	ND	1	0.50	µg/L
1,2-Dichloropropane	ND	1	0.50	µg/L
1,3,5-Trimethylbenzene	ND	1	5.0	µg/L
1,3-Dichlorobenzene	ND	1	0.50	µg/L
1,3-Dichloropropane	ND	1	0.50	µg/L
1,4-Dichlorobenzene	ND	1	0.50	µg/L
1,4-Dioxane	ND	1	50	µg/L
2,2-Dichloropropane	ND	1	0.50	µg/L
2-Butanone (MEK)	ND	1	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5.0	µg/L
2-Chlorotoluene	ND	1	5.0	µg/L
2-Hexanone	ND	1	20	µg/L
4-Chlorotoluene	ND	1	5.0	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	µg/L
Acetone	ND	1	20	µg/L
Acetonitrile	ND	1	5.0	µg/L
Acrolein	ND	1	5.0	µg/L
Acrylonitrile	ND	1	5.0	µg/L
Benzene	ND	1	0.50	µg/L
Benzyl Chloride	ND	1	5.0	µg/L
Bromobenzene	ND	1	0.50	µg/L
Bromochloromethane	ND	1	0.50	µg/L
Bromodichloromethane	ND	1	0.50	µg/L
Bromoform	ND	1	0.50	µg/L
Bromomethane	ND	1	0.50	µg/L
Carbon Disulfide	ND	1	0.50	µg/L
Carbon Tetrachloride	ND	1	0.50	µg/L
Chlorobenzene	ND	1	0.50	µg/L
Chloroethane	ND	1	0.50	µg/L
Chloroform	ND	1	0.50	µg/L
Chloromethane	ND	1	0.50	µg/L
cis-1,2-Dichloroethene	ND	1	0.50	µg/L
cis-1,3-Dichloropropene	ND	1	0.50	µg/L
Cyclohexanone	ND	1	20	µg/L
Dibromochloromethane	ND	1	0.50	µg/L
Dibromomethane	ND	1	0.50	µg/L

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A070906A Validated by: MaiChiTu - 09/07/07

QC Batch Analysis Date: 9/6/2007

Parameter	Result	DF	PQLR	Units
Dichlorodifluoromethane	ND	1	0.50	µg/L
Diisopropyl Ether	ND	1	5.0	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Freon 113	ND	1	5.0	µg/L
Hexachlorobutadiene	ND	1	5.0	µg/L
Iodomethane	ND	1	5.0	µg/L
Isopropanol	ND	1	20	µg/L
Isopropylbenzene	ND	1	1.0	µg/L
Methylene Chloride	ND	1	20	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Naphthalene	ND	1	5.0	µg/L
n-Butylbenzene	ND	1	5.0	µg/L
n-Propylbenzene	ND	1	5.0	µg/L
Pentachloroethane	ND	1	0.50	µg/L
p-Isopropyltoluene	ND	1	5.0	µg/L
sec-Butylbenzene	ND	1	5.0	µg/L
Styrene	ND	1	0.50	µg/L
tert-Amyl Methyl Ether	ND	1	5.0	µg/L
tert-Butanol (TBA)	ND	1	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5.0	µg/L
tert-Butylbenzene	ND	1	5.0	µg/L
Tetrachloroethene	ND	1	0.50	µg/L
Tetrahydrofuran	ND	1	20	µg/L
Toluene	ND	1	0.50	µg/L
trans-1,2-Dichloroethene	ND	1	0.50	µg/L
trans-1,3-Dichloropropene	ND	1	0.50	µg/L
trans-1,4-Dichloro-2-butene	ND	1	5.0	µg/L
Trichloroethene	ND	1	0.50	µg/L
Trichlorofluoromethane	ND	1	0.50	µg/L
Vinyl Acetate	ND	1	5.0	µg/L
Vinyl Chloride	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**116**	60 - 130
Dibromofluoromethane	**93.0**	60 - 130
Toluene-d8	**106**	60 - 130

Method Blank - Liquid - TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

QC Batch ID: WM1A070906A Validated by: MaiChiTu - 09/07/07

QC Batch Analysis Date: 9/6/2007

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**104**	60 - 130
Dibromofluoromethane	**97.3**	60 - 130
Toluene-d8	**99.2**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A070906A Reviewed by: MaiChiTu - 09/07/07

QC Batch ID Analysis Date: 9/6/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<0.50	20	19.8	µg/L	99.0	70 - 130
Benzene	<0.50	20	18.9	µg/L	94.5	70 - 130
Chlorobenzene	<0.50	20	19.2	µg/L	96.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	17.0	µg/L	85.0	70 - 130
Toluene	<0.50	20	18.6	µg/L	93.0	70 - 130
Trichloroethene	<0.50	20	18.8	µg/L	94.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**118**	60 - 130
Dibromofluoromethane	**103**	60 - 130
Toluene-d8	**102**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<0.50	20	21.0	µg/L	105	5.88	25.0	70 - 130
Benzene	<0.50	20	20.7	µg/L	104	9.09	25.0	70 - 130
Chlorobenzene	<0.50	20	21.2	µg/L	106	9.90	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.8	µg/L	99.0	15.2	25.0	70 - 130
Toluene	<0.50	20	20.2	µg/L	101	8.25	25.0	70 - 130
Trichloroethene	<0.50	20	20.8	µg/L	104	10.1	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**115**	60 - 130
Dibromofluoromethane	**104**	60 - 130
Toluene-d8	**100**	60 - 130

LCS / LCSD - Liquid - TPH-Purgeable - GC/MS: EPA 5030B / GC/MS

QC Batch ID: WM1A070906A Reviewed by: MaiChiTu - 09/07/07

QC Batch ID Analysis Date: 9/6/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	125	118	µg/L	94.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**105**	60 - 130
Dibromofluoromethane	**99.7**	60 - 130
Toluene-d8	**97.2**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	125	113	µg/L	90.2	4.17	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**100**	60 - 130
Dibromofluoromethane	**98.2**	60 - 130
Toluene-d8	**99.2**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

MS / MSD - Liquid - VOCs: EPA 5030B / EPA 8260B for Groundwater and Water - EPA 624 for Wastewater

QC Batch ID: WM1A070906A Reviewed by: MaiChiTu - 09/07/07

QC Batch ID Analysis Date: 9/6/2007

MS Sample Spiked: 56973-002

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
1,1-Dichloroethene	ND	20	19.4	µg/L	9/6/2007	97.0	70 - 130
Benzene	ND	20	19.4	µg/L	9/6/2007	97.0	70 - 130
Chlorobenzene	ND	20	19.8	µg/L	9/6/2007	99.0	70 - 130
Methyl-t-butyl Ether	ND	20	19.0	µg/L	9/6/2007	95.0	70 - 130
Toluene	ND	20	19.0	µg/L	9/6/2007	95.0	70 - 130
Trichloroethene	ND	20	19.0	µg/L	9/6/2007	95.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**109**	60 - 130
Dibromofluoromethane	**102**	60 - 130
Toluene-d8	**103**	60 - 130

MSD Sample Spiked: 56973-002

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	ND	20	20.0	µg/L	9/6/2007	100	3.05	25.0	70 - 130
Benzene	ND	20	19.8	µg/L	9/6/2007	99.0	2.04	25.0	70 - 130
Chlorobenzene	ND	20	20.3	µg/L	9/6/2007	102	2.49	25.0	70 - 130
Methyl-t-butyl Ether	ND	20	20.1	µg/L	9/6/2007	100	5.63	25.0	70 - 130
Toluene	ND	20	20.6	µg/L	9/6/2007	103	8.08	25.0	70 - 130
Trichloroethene	ND	20	18.9	µg/L	9/6/2007	94.5	0.528	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**104**	60 - 130
Dibromofluoromethane	**105**	60 - 130
Toluene-d8	**110**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC/Prep Batch ID: WD070906A Validated by: mtran - 09/07/07

QC/Prep Date: 9/6/2007

Parameter	Result	DF	PQLR	Units
TPH as Diesel	ND	1	50	µg/L
TPH as Kerosene	ND	1	50	µg/L
TPH as Mineral Spirits (Stoddard)	ND	1	50	µg/L
TPH as Motor Oil	ND	1	100	µg/L

Surrogate for Blank	% Recovery	Control Limits
n-Hexacosane	**79.1**	50 - 150

LCS / LCSD - Liquid - TPH-Extractable: EPA 3510C / EPA 8015B(M)

QC Batch ID: WD070906A Reviewed by: mtran - 09/07/07

QC/Prep Date: 9/6/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Diesel	<50	1000	742	µg/L	74.2	45 - 140
TPH as Motor Oil	<100	1000	662	µg/L	66.2	45 - 140

Surrogate	% Recovery	Control Limits
n-Hexacosane	**78.0**	50 - 150

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<50	1000	719	µg/L	71.9	3.19	25.0	45 - 140
TPH as Motor Oil	<100	1000	699	µg/L	69.9	5.41	25.0	45 - 140

Surrogate	% Recovery	Control Limits
n-Hexacosane	**76.6**	50 - 150

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

QC Batch ID: WHGDISS070906 Reviewed by: RWipfler - 09/06/07

QC/Prep Date: 9/6/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Mercury, Dissolved	<0.0002	0.002	0.00210	mg/L	105	85 - 115

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Mercury, Dissolved	<0.0002	0.002	0.00206	mg/L	103	1.92	25.0	85 - 115

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

MS / MSD - Liquid - Dissolved Mercury: EPA 7470A for Water and Groundwater / EPA 245.1 for Wastewater

QC/Prep Batch ID: WHGDISS070906 Reviewed by: RWipfler - 09/06/07

QC/Prep Date: 9/6/2007

MS Sample Spiked: 56973-006

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits	
Mercury, Dissolved	ND	0.004	0.00216	mg/L	9/6/2007	54.0	70 - 130	***

***All MS/MSD recoveries that do not fall within the control limits are out due to the nature of the sample matrix. The batch was accepted by the LCS/LCSD recoveries.

MSD Sample Spiked: 56973-006

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits	
Mercury, Dissolved	ND	0.004	0.00261	mg/L	9/6/2007	65.2	18.9	25.0	70 - 130	***

***All MS/MSD recoveries that do not fall within the control limits are out due to the nature of the sample matrix. The batch was accepted by the LCS/LCSD recoveries.

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

QC Batch ID: WM070906DISS Reviewed by: HDINH - 09/10/07

QC/Prep Date: 9/6/2007

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Antimony	<0.010	0.5	0.503	mg/L	101	85 - 115
Arsenic	<0.010	0.5	0.483	mg/L	96.6	85 - 115
Barium	<0.0050	0.5	0.509	mg/L	102	85 - 115
Beryllium	<0.0050	0.5	0.483	mg/L	96.6	85 - 115
Cadmium	<0.0020	0.5	0.492	mg/L	98.3	85 - 115
Chromium	<0.0050	0.5	0.495	mg/L	99.0	85 - 115
Cobalt	<0.0050	0.5	0.508	mg/L	102	85 - 115
Copper	<0.0050	0.5	0.498	mg/L	99.6	85 - 115
Lead	<0.0050	0.5	0.507	mg/L	101	85 - 115
Molybdenum	<0.0050	0.5	0.506	mg/L	101	85 - 115
Nickel	<0.0050	0.5	0.503	mg/L	101	85 - 115
Selenium	<0.020	0.5	0.459	mg/L	91.8	85 - 115
Silver	<0.0050	0.5	0.506	mg/L	101	85 - 115
Thallium	<0.020	0.5	0.471	mg/L	94.2	85 - 115
Vanadium	<0.0050	0.5	0.504	mg/L	101	85 - 115
Zinc	<0.010	0.5	0.493	mg/L	98.6	85 - 115

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Antimony	<0.010	0.5	0.507	mg/L	101	0.911	25.0	85 - 115
Arsenic	<0.010	0.5	0.488	mg/L	97.6	1.07	25.0	85 - 115
Barium	<0.0050	0.5	0.505	mg/L	101	0.808	25.0	85 - 115
Beryllium	<0.0050	0.5	0.485	mg/L	97.0	0.392	25.0	85 - 115
Cadmium	<0.0020	0.5	0.490	mg/L	98.0	0.306	25.0	85 - 115
Chromium	<0.0050	0.5	0.495	mg/L	99.1	0.0202	25.0	85 - 115
Cobalt	<0.0050	0.5	0.510	mg/L	102	0.275	25.0	85 - 115
Copper	<0.0050	0.5	0.498	mg/L	99.6	0.0201	25.0	85 - 115
Lead	<0.0050	0.5	0.508	mg/L	102	0.295	25.0	85 - 115
Molybdenum	<0.0050	0.5	0.510	mg/L	102	0.925	25.0	85 - 115
Nickel	<0.0050	0.5	0.500	mg/L	100	0.598	25.0	85 - 115
Selenium	<0.020	0.5	0.470	mg/L	93.9	2.33	25.0	85 - 115
Silver	<0.0050	0.5	0.507	mg/L	101	0.375	25.0	85 - 115
Thallium	<0.020	0.5	0.476	mg/L	95.2	0.971	25.0	85 - 115
Vanadium	<0.0050	0.5	0.505	mg/L	101	0.258	25.0	85 - 115
Zinc	<0.010	0.5	0.492	mg/L	98.4	0.244	25.0	85 - 115

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

MS / MSD - Liquid - Dissolved Metals by ICP: EPA 3010A / EPA 6010B for Groundwater and Water - EPA 200.7 for Wastewater

QC/Prep Batch ID: WM070906DISS Reviewed by: HDINH - 09/10/07

QC/Prep Date: 9/6/2007

MS Sample Spiked: 56973-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits	
Antimony	ND	0.5	0.405	mg/L	9/7/2007	81.0	70 - 130	
Arsenic	0.0230	0.5	0.412	mg/L	9/7/2007	77.9	70 - 130	
Barium	2.02	0.5	2.43	mg/L	9/7/2007	80.6	70 - 130	
Beryllium	ND	0.5	0.353	mg/L	9/7/2007	70.7	70 - 130	
Cadmium	ND	0.5	0.400	mg/L	9/7/2007	79.9	70 - 130	
Chromium	ND	0.5	0.358	mg/L	9/7/2007	71.6	70 - 130	
Cobalt	ND	0.5	0.338	mg/L	9/7/2007	67.7	70 - 130	***
Copper	ND	0.5	0.442	mg/L	9/7/2007	88.3	70 - 130	
Lead	ND	0.5	0.347	mg/L	9/7/2007	69.5	70 - 130	***
Molybdenum	ND	0.5	0.382	mg/L	9/7/2007	76.5	70 - 130	
Nickel	0.00590	0.5	0.331	mg/L	9/7/2007	65.1	70 - 130	***
Selenium	ND	0.5	0.371	mg/L	9/7/2007	74.1	70 - 130	
Silver	ND	0.5	0.447	mg/L	9/7/2007	89.4	70 - 130	
Thallium	ND	0.5	0.311	mg/L	9/7/2007	62.2	70 - 130	***
Vanadium	0.00610	0.5	0.395	mg/L	9/7/2007	77.7	70 - 130	
Zinc	ND	0.5	0.367	mg/L	9/7/2007	73.4	70 - 130	

***All MS/MSD recoveries that do not fall within the control limit are out due to the nature of the sample matrix. The batch was accepted by the LCS/LCSD recoveries.

MSD Sample Spiked: 56973-001

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits	
Antimony	ND	0.5	0.404	mg/L	9/7/2007	80.7	0.297	25.0	70 - 130	
Arsenic	0.0230	0.5	0.422	mg/L	9/7/2007	79.8	2.30	25.0	70 - 130	
Barium	2.02	0.5	2.40	mg/L	9/7/2007	75.4	1.07	25.0	70 - 130	
Beryllium	ND	0.5	0.354	mg/L	9/7/2007	70.9	0.311	25.0	70 - 130	
Cadmium	ND	0.5	0.400	mg/L	9/7/2007	80.1	0.200	25.0	70 - 130	
Chromium	ND	0.5	0.351	mg/L	9/7/2007	70.3	1.86	25.0	70 - 130	
Cobalt	ND	0.5	0.340	mg/L	9/7/2007	67.9	0.354	25.0	70 - 130	***
Copper	ND	0.5	0.436	mg/L	9/7/2007	87.1	1.37	25.0	70 - 130	
Lead	ND	0.5	0.347	mg/L	9/7/2007	69.3	0.202	25.0	70 - 130	***
Molybdenum	ND	0.5	0.382	mg/L	9/7/2007	76.5	0.00	25.0	70 - 130	
Nickel	0.00590	0.5	0.332	mg/L	9/7/2007	65.1	0.0302	25.0	70 - 130	***
Selenium	ND	0.5	0.365	mg/L	9/7/2007	72.9	1.63	25.0	70 - 130	
Silver	ND	0.5	0.438	mg/L	9/7/2007	87.6	2.01	25.0	70 - 130	
Thallium	ND	0.5	0.307	mg/L	9/7/2007	61.5	1.23	25.0	70 - 130	***
Vanadium	0.00610	0.5	0.389	mg/L	9/7/2007	76.6	1.40	25.0	70 - 130	
Zinc	ND	0.5	0.368	mg/L	9/7/2007	73.6	0.299	25.0	70 - 130	

***All MS/MSD recoveries that do not fall within the control limit are out due to the nature of the sample matrix. The batch was accepted by the LCS/LCSD recoveries.

From:	Simon Hague
To:	dtheesen@entechlabs.com;
CC:	
Subject:	FW: requested COC
Date:	Wednesday, September 05, 2007 2:22:38 PM
Attachments:	4616_001.pdf

From: Chris Baldassari [mailto:cbaldassari@pesenv.com]
Sent: Wednesday, September 05, 2007 2:06 PM
To: shague@entechlabs.com
Subject: RE: requested COC

Thanks Simon – we do want to cancel the 8270; and I added the Geotracker EDF request

---

From: Simon Hague [mailto:shague@entechlabs.com]
Sent: Wednesday, September 05, 2007 1:42 PM
To: Chris Baldassari
Subject: requested COC

Here you go Chris. Mark it up and send it back. In the mean time I'll cancel the 8270 analysis.

Si

Environmental Sampling Services

56973

6680 Alhambra Avenue, #102 • Martinez, California 94553-6105
Telephone: (925) 372-8108 Fax: (925) 372-6705
www.envsampling.com Log Code: ESSM

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STD. 5 DAY

GeoTracker EDF ☒ PDF ☐ Excel ☐
GeoTracker Site Identification: SL0600173599
FedEx ☐ UPS ☐ _____ ☐ Tracking Number: _____
Laboratory: Entech Analytical Lab Code: _____

Send Report To: Bill Frizell
Company: PES Environmental, Inc.
Address: 1682 Novato Blvd., Suite 100, Novato, CA 94947
E-Mail: bfrizell@pesenv.com
Tel: (415) 899-1600
Fax: (415) 899-1601

Bill To: SAME
Company:
Address:
Tel: ( )
Fax: ( )

Project Name: Mowry Ave., Newark **Project Number:** 126.050.02.04
Sampler's Name: Jacqueline Lee ☐ Stephen Penman ☒

SAMPLE ID	Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Container Type*	MATRIX CODE WG	SO	GS	METHOD PRESERVED Ice	HCl	HNO_3	H_2SO_4	VOCs, TPHg, BTEX & MTBE (EPA 8260B)	~~SVOCs (EPA 8270)~~ CANCEL	TEPH (EPA 8015)	Title 22 metals (filter & Preserve in lab.)	Other	Comments
MW-3	001	9/4/07	11:18	8	1,2,3	X			X	X			X	X	X	X		
MW-2	002	9/4/07	12:08	8	1,2,3	X			X	X			X	X	X	X		
MW-4	003	9/4/07	12:48	8	1,2,3	X			X	X			X	X	X	X		
MW-6	004	9/4/07	13:30	8	1,2,3	X			X	X			X	X	X	X		
MW-5	005	9/4/07	14:10	8	1,2,3	X			X	X			X	X	X	X		
MW-1	006	9/4/07	14:51	8	1,2,3	X			X	X			X	X	X	X		

(4) Lit Ambers each w/p
(3) VOAs each w/HCL
(1) x 250mL poly each w/p

Relinquished By:	Date:	Time:	Received By:
[signature]	9/4/07	15:10	[signature]
Relinquished By:	Date: 9/4/07	Time: 1538	Received By: [signature]
Relinquished By:	Date:	Time:	Received By:

ICE/°C 3.3°C HEAD SPACE ABSENT: (Yes) No
Received in Good Condition: Yes No
Metals sample(s) Field Filtered: Yes (No)
Questions regarding COC: Call ESS
COMMENTS :

FIELD POINT: MW=Monitoring Well QCFD=Field Duplicate QCFB=Field Blank
CONTAINER TYPES:
1=VOAs 2=Glass 3=Poly 4=Liner 5=Air Canister 6=Tedlar Bag

MATRIX CODE: WG=Grdwtr. SO=Soil GS=Soil Gas

Environmental Sampling Services

56973

6680 Alhambra Avenue, #102 • Martinez, California 94553-6105
Telephone: (925) 372-8108 Fax: (925) 372-6705
www.envsampling.com Log Code: ESSM

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STD. 5 DAY ☐

GeoTracker EDF ☐ **PDF** ☐ **Excel** ☐
GeoTracker Site Identification:
FedEx ☐ **UPS** ☐ ☐ **Tracking Number:**
Laboratory: Entech Analytical **Lab Code:**

Send Report To: Bill Frizell
Company: PES Environmental, Inc.
Address: 1682 Novato Blvd., Suite 100
Novato, CA 94947
E-Mail: bfrizell@pesenv.com
Tel: (415) 899-1600
Fax: (415) 899-1601

Bill To: SAME
Company:
Address:
Tel: ( )
Fax: ( )

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MW-2	002	9/4/07	12:08	8	1,2,3	X				X	X				X	X	X	X		
MW-4	003	9/4/07	12:48	8	1,2,3	X				X	X				X	X	X	X		
MW-6	004	9/4/07	13:30	8	1,2,3	X				X	X				X	X	X	X		
MW-5	005	9/4/07	14:10	8	1,2,3	X				X	X				X	X	X	X		
MW-1	006	9/4/07	14:51	8	1,2,3	X				X	X				X	X	X	X		

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(1) x 250mL poly each w/p

Relinquished By:	Date:	Time:	Received By:
[signature]	9/4/07	15:10	[signature]
Relinquished By:	Date: 9/4/07	Time: 1538	Received By: [signature]
Relinquished By:	Date:	Time:	Received By:

ICE/°C 3.2°C **HEAD SPACE ABSENT:** (Yes) No
Received in Good Condition: **Yes** **No**
Metals sample(s) Field Filtered: Yes (No)
Questions regarding COC: Call ESS
COMMENTS :

FIELD POINT: MW=Monitoring Well QCFD=Field Duplicate QCFB=Field Blank
CONTAINER TYPES:
1=VOAs 2=Glass 3=Poly 4=Liner 5=Air Canister 6=Tedlar Bag

MATRIX CODE: WG=Grdwtr. SO=Soil GS=Soil Gas

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OCTOBER 1, 2007

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