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Environmental Health

SECOND QUARTER 2008 QUARTERLY MONITORING REPORT

Former City of Paris Cleaners
3516 Adeline Street
Oakland, California 94608

USTCF Claim #002192

Prepared For:

Ms. Paulette Satterley
14601 Guadalupe Drive
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Prepared By:

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October 30, 2008



www.westernresourcemgmt.com

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1.0 INTRODUCTION

1.1 Project Description

On behalf of the responsible party, Western Resource Management (WRM) has prepared this *First Quarter 2008 Quarterly Monitoring Report* for submittal to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) and Alameda County Health Care Services Agency (ACHSA). The scope of work conducted during this project complies with existing SRWQCB and ACHSA directive letters.

1.2 Site Location and Description

The former City of Paris Cleaners is a former dry cleaning, laundry and dyeing operation currently owned by Mrs. Debra Runyon and located at 3516 Adeline St., Oakland, CA. The plant was in operation for over 40 years until the 1960's, but cleaning materials were not completely removed from the site until 1990. The site buildings remained vacant for a number of years following the closure of the dry cleaning operation and then were converted to residential and light commercial use.

The site lies at the southern corner of the intersection between 35th St. and Adeline St. at approximately 30 feet above mean sea level (msl) in the northwest portion of the City of Oakland, California. The site buildings currently house City of Paris Studios, a workshop for art, art restoration, collectibles and hobbies, as well as on-site living quarters. The current owner acquired the site in July 2000.

1.3 Site History and Previous Subsurface Investigations

On October 4, 1990, three underground storage tanks (1 750-gallon and 2 1,000-gallon) were excavated and removed from the site by Semco Company of San Mateo. These UST were formerly used to store Stoddard Solvent for use in the dry cleaning operations at the site. Six soil samples were collected in conjunction with the UST removal.

On July 31 and August 1 and 2, 1991, Uriah Inc. (UES) performed a soil vapor survey at the site in an attempt to define the approximate boundaries of soil impacted by Stoddard Solvent. Soil vapors were found to be widely distributed across the site but, due to physical restrictions posed by site structures, sidewalks, etc., the full extent of the impacted soil could not be defined.

W.A. Craig was contracted to overexcavate the eastern portion of the tank pit on August 30, 1991. Approximately 44 cubic yards were excavated and placed in a cell for on-site bioremediation of the impacted soil. During the course of the overexcavation activities, an additional 250-gallon UST containing Stoddard Solvent was discovered. This UST was removed and disposed by W. A. Craig on October 31, 1991. An additional 15 cubic yards was overexcavated by W.A. Craig on January 27, 1992 and added to the on-site bioremediation cell.

W. A. Craig backfilled the tank pit with bioremediated soil and clean fill on April 21, 1992.

UES supervised the installation of three 30-foot ground water monitoring wells on-site on October 29 and 30, 1992. The wells were installed by Soils Exploration Services of Vacaville, California. Initial groundwater elevations in the wells ranged from 13 to 14 feet below grade. Groundwater samples from all three wells contained Total Petroleum Hydrocarbons, as

Second Quarter 2008, Quarterly Monitoring Report

Former City of Paris Cleaners, 3516 Adeline Street, Oakland, California

Stoddard Solvent (TPH-SS), ranging from 630 parts per billion (ppb) in MW-2 to 11,000 ppb in MW-3. All other tested constituents were below laboratory detection limits.

On March 19, 1998, Dugan Associates of San Jose, California advanced six on and off-site soil borings to a total depth of 18 feet below grade. Five of the soil borings were advanced on the north side of 35th Street in the projected downgradient direction from the site (EB-2 through EB-6). One soil boring was advanced on-site to the northwest of the former UST location (EB-1). Three soil samples and one grab groundwater sample were collected from each soil boring. The groundwater sample from the on-site soil boring (EB-1) reported 270,000 ppb TPH-SS with one off-site groundwater sample (EB-5) reporting 780 ppb TPH-SS. All the other groundwater samples were below laboratory detection limits for all tested constituents. Soil samples at EB-1 contained 310 and 340 ppb of TPH-SS at 10 and 15 ft. below grade, respectively, and trace amounts of total xylenes and/or toluene.

By December 1999, the chemical suite of analytes that were monitored grew to include 1,2-Dichlorobenzene (DCB), 1,1-Dichloroethane, 2-methylnaphthalene and naphthalene. All these constituents were present in one or more wells. The groundwater gradient was also defined as trending to the north at 0.003 ft./ft.

In March 2002, in compliance with an ACHSA directive letter, WellTest, Inc. (formerly Dugan and Associates) redeveloped the three monitoring wells (by purging 10 well-volumes) and sampled the three wells pursuant to quarterly monitoring responsibilities. WellTest, Inc. also sampled the industrial well on-site. The analytical results of the sampling indicated up to 11,000 µg/L of TPH-SS in the sample from MW-1, no BTEX above laboratory detection limits, up to 31 µg/L MTBE in the sample from MW-3, 0.61 µg/L DCB in the sample from MW-1, and 130 µg/l Naphthalene in MW-1. The groundwater gradient was also defined to the southeast at 0.14 ft./ft., which appears to be an anomalously steep gradient for this site. This steep gradient may be a result of sediment blocking some or all of the screened section of one or more well. When Dugan redeveloped the wells in 2002, they appear to have adversely impacted the ability of the wells to adjust to changing water levels.

WRM assumed environmental consulting responsibilities for the site commencing in June 2007.

2.0 GROUNDWATER MONITORING, SAMPLING, AND ANALYSIS

On May 23, 2008, to comply with quarterly groundwater monitoring requirements, WRM gauged and sampled on-site groundwater monitoring wells MW-1 through MW-3. An on-site industrial well (W-IND) was also monitored this quarter.

2.1 Groundwater Monitoring

Depth-to-groundwater was measured in the three monitoring wells using a water level meter capable of measurements to within 0.01 foot. The depth to the groundwater table ranged from 12.46 feet below ground surface (bgs) in MW-2 to 15.20 in MW-3. Groundwater surface elevations ranged from a high of 4.85 feet above mean sea level (msl) in MW-2 to a low of 2.24 feet above msl at MW-3. The direction of groundwater flow is to the northeast at a gradient of 0.127 feet per foot. A groundwater surface contour map is included as Figure 3 and groundwater elevation data are summarized in Table 1. Field data sheets for the groundwater monitoring are included as Appendix A.

2.2 Groundwater Sampling and Analysis

Following groundwater level measurements, the four wells were purged and sampled in accordance with the established sampling schedule. The monitoring wells were purged with a pump and dedicated disposable tubing until at least three well casing volumes had been removed and/or after groundwater temperature, pH and electrical conductivity values had stabilized. Groundwater was sampled from the monitoring wells using dedicated and disposable polyethylene bailers and laboratory-supplied containers. All sample containers were transported in an iced cooler with chain-of-custody documentation to Sparger Technology, Inc. (Sparger), of Rancho Cordova, California, a state certified analytical laboratory (ELAP Certification #1614).

Sparger analyzed each of the groundwater samples for Total Petroleum Hydrocarbons as Stoddard solvent (TPH-SS) by EPA Method 8015Cm, Total Petroleum Hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene and xylenes (BTEX), and oxygenate methyl tertiary butyl ether (MTBE) by EPA Method 8260B.

Maximum concentrations of TPH-SS and total xylenes were detected in the sample from MW-1, with concentrations of 4,200 and 20 µg/l, respectively. Samples from MW-2, MW-3, and W-IND reported lower TPH-SS concentrations of 300, 900, and 300 µg/l, respectively. Maximum concentrations of TPH-G and MTBE were detected in the sample from MW-3, with concentrations of 3,000 and 9.1 µg/l. Samples from MW-2 and W-IND reported lower TPH-G concentrations of 1,100 and 250 µg/l, respectively. The sample from MW-2 reported a lower MTBE concentration of 3.5 µg/l. None of the samples reported any benzene or ethyl benzene this quarter, and only W-IND reported toluene at 3.7 µg/l.

The distribution of petroleum hydrocarbon compounds and fuel oxygenates in shallow groundwater is shown on Figure 4. The groundwater sample analytical results are summarized in Table 2 and the laboratory reports, notes, and comments are included in Appendix B.

3.0 CONCLUSIONS AND RECOMMENDATIONS

There appears to be an upward trend in TPH-SS concentrations even with seasonal fluctuations taken into account, especially in the downgradient wells MW-1 and MW-3. However, this quarter's results show substantial decreases in TPH-SS concentrations in wells MW-1 and MW-3 and decreases in TPH-G concentrations in all wells, which is typically consistent with seasonal fluctuations observed since 2002. Between December 20, 2007 and May 23, 2008, TPH-SS concentrations decreased by 40,800 µg/l in well MW-1 and by 17,100 µg/l in MW-3. Conversely, TPH-SS concentrations increased from non-detect levels to 300 µg/l in both MW-2 and W-IND. TPH-G concentrations decreased by 1,900 µg/l in MW-2, 9,000 µg/l in MW-3, 250 µg/l in W-IND and from 110,000 µg/l to non-detect levels in MW-1.

MTBE showed a slight decrease in the sample from MW-3 and a slight increase in the sample from MW-2, although the highest reported concentration this quarter is only 9.1 µg/l. Benzene concentrations are consistent with prior sampling events and concentrations in MW-1 have decreased back to non-detect levels from 20 µg/l last quarter.

Consistent with the historically defined north-northeast groundwater flow, the lateral extent of impacted groundwater continues to be concentrated in the vicinity of the former tank pit, concentrated in the northwest-southeast pattern between MW-1 and MW-2 and extending to the northeast as defined in previous off-site soil borings. The trend of constituents of concern in groundwater appears to indicate a residual soil source area remaining on the property. The groundwater plume remains undefined both down and cross gradient from the location of the former UST's at the site.

The anomalously steep gradient at the site indicates there may be issues with the wells resulting from the 2002 well redevelopment. WRM recommends re-surveying the wells to determine if the wells may have been disturbed during the well redevelopment process. Additional steps may include well swabbing and an additional redevelopment to clear out any sediment blockages.

WRM further recommends the use of the Hydrasleeve no-purge sampling method at the site to reduce due to concerns with dealing with and storing purge water at the site where young children live. Detailed documentation on the Hydrasleeve sampling protocols will be provided under separate cover.

4.0 REPORT DISTRIBUTION

Ms. Paulette Satterley
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Rancho Murieta, CA 95683

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Alameda County Health Care Services Agency
1131 Harbor Parkway, Suite 250
Alameda CA, 94502

Ms. Cherie McCaulou
San Francisco Bay Regional Water Quality Control Board
1515 Clay St., Suite 1400
Oakland, CA 94612

5.0 REMARKS AND SIGNATURE

The interpretations and/or conclusions contained in this report represent our professional opinions and are based in part on information supplied by the client. These opinions are based on currently available information and were developed in accordance with currently accepted geologic, hydrogeologic, and engineering practices at this time and for this specific site. Other than this, no warranty is implied or intended.

This report has been prepared solely for the use of Ms. Paulette Satterley. Any reliance on this report by third parties shall be at such parties' sole risk. The work described herein was performed under the direct supervision of the professional geologist, registered with the State of California, whose signature appears below.

We appreciate the opportunity to provide you with geologic, engineering and environmental consulting services and trust this report meets your needs. If you have any questions or concerns, please call us at (916) 729-1760.

Sincerely,

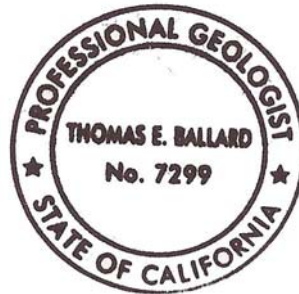
Western Resource Management



Martin A. Wills
Project Manager



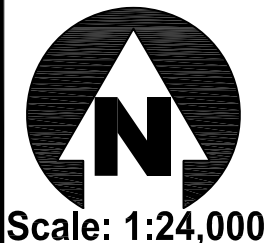
Thomas E. Ballard, P.G. #7299
Senior Geologist



FIGURES



FIGURE 1
SITE LOCATION MAP
 FORMER CITY OF PARIS CLEANERS
 3516 ADELIN STREET
 OAKLAND, CA



Source:
 USGS West Oakland
 Quadrangle Topographic Map
 Report, 7.5 Minute Series
 (topographic), dated 1993

PROJECT NO. City of Paris	DRAWN BY MML 03/07/08
FILE NO. Site Map	PREPARED BY TEB
REVISION NO. 2	REVIEWED BY

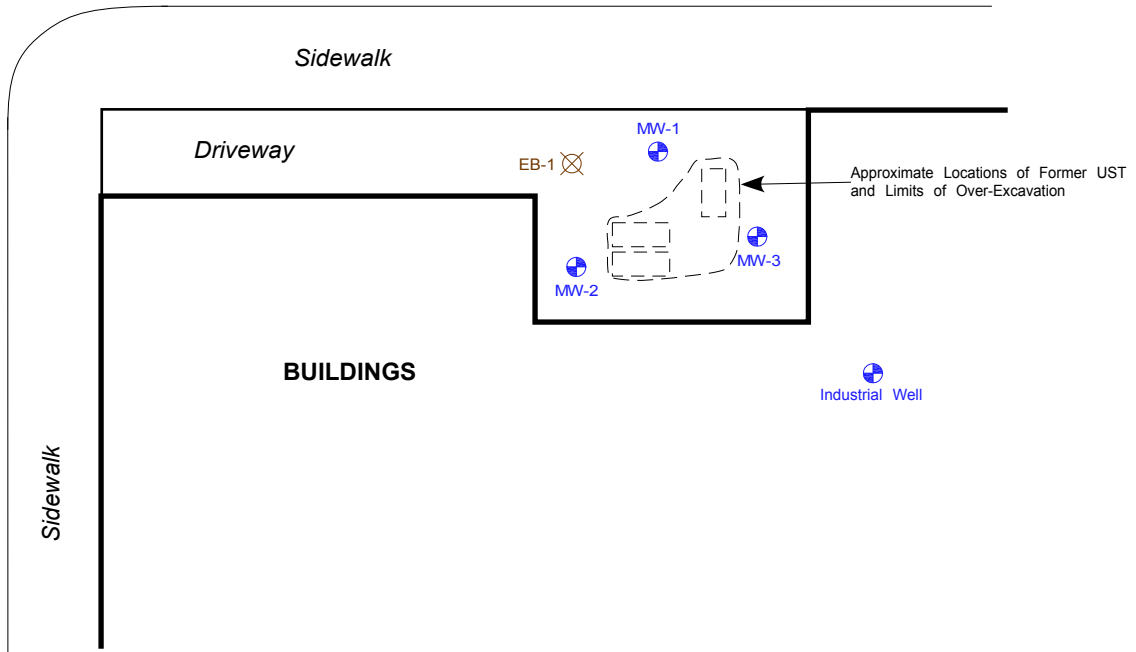


EB-2 EB-3 EB-4 EB-5 EB-6

⊗ ⊗ ⊗ ⊗ ⊗

35TH STREET

ADELINE STREET



LEGEND

- ⊗ EB-1 SOIL BORING (1998)
- ⊕ MW-1 GROUNDWATER MONITORING WELL

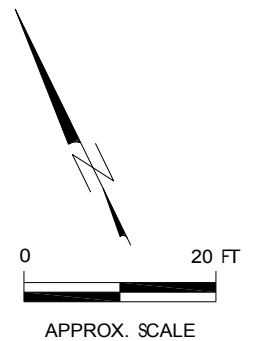



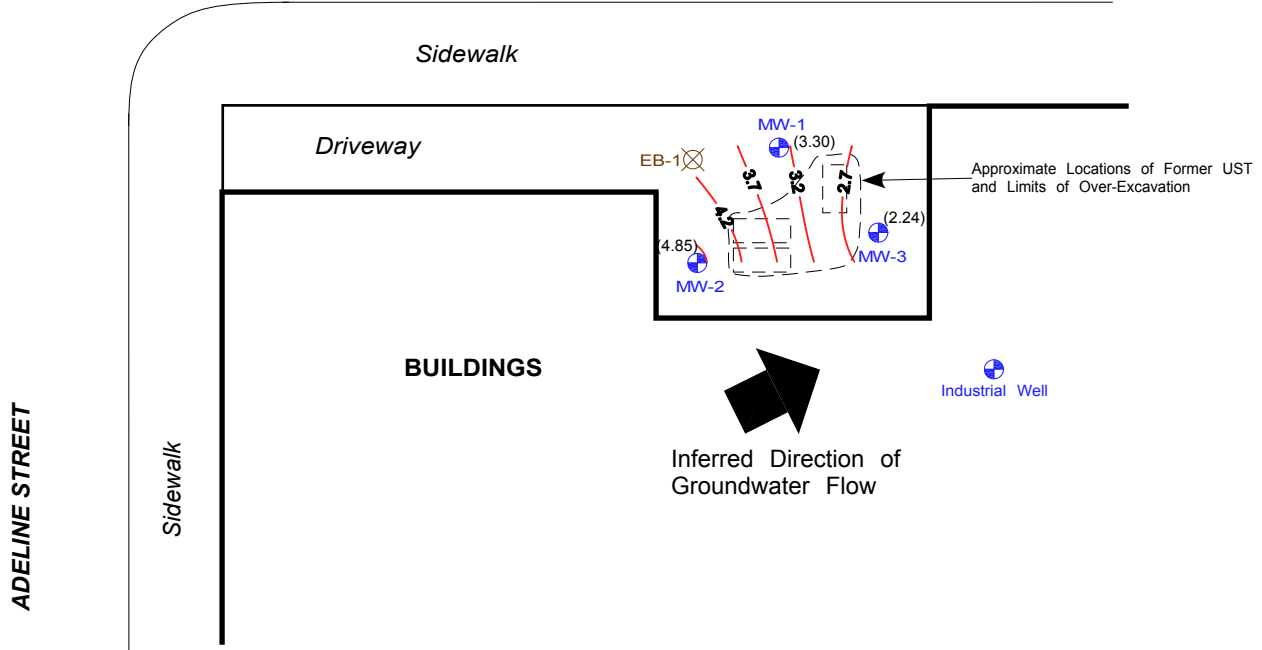
FIGURE 2
SITE MAP
FORMER CITY OF PARIS CLEANERS
3516 ADELINE STREET
OAKLAND, CA

PROJECT NO. 051074	DRAWN BY T.B. 03/06/08	
FILE NO. City of Paris	PREPARED BY T.B.	
REVISION NO. 1	REVIEWED BY	

EB-2 EB-3 EB-4 EB-5 EB-6

⊗ ⊗ ⊗ ⊗ ⊗

35TH STREET



LEGEND

- ⊗ EB-1 SOIL BORING (1998)
- ⊕ MW-1 GROUNDWATER MONITORING WELL
- GROUNDWATER CONTOUR
- (3.30) GROUNDWATER ELEVATION (FT AMSL)

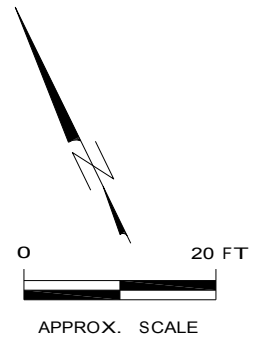



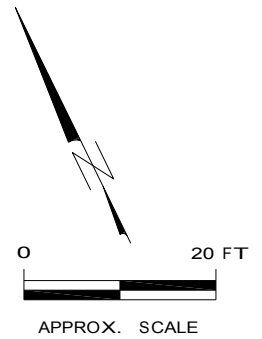
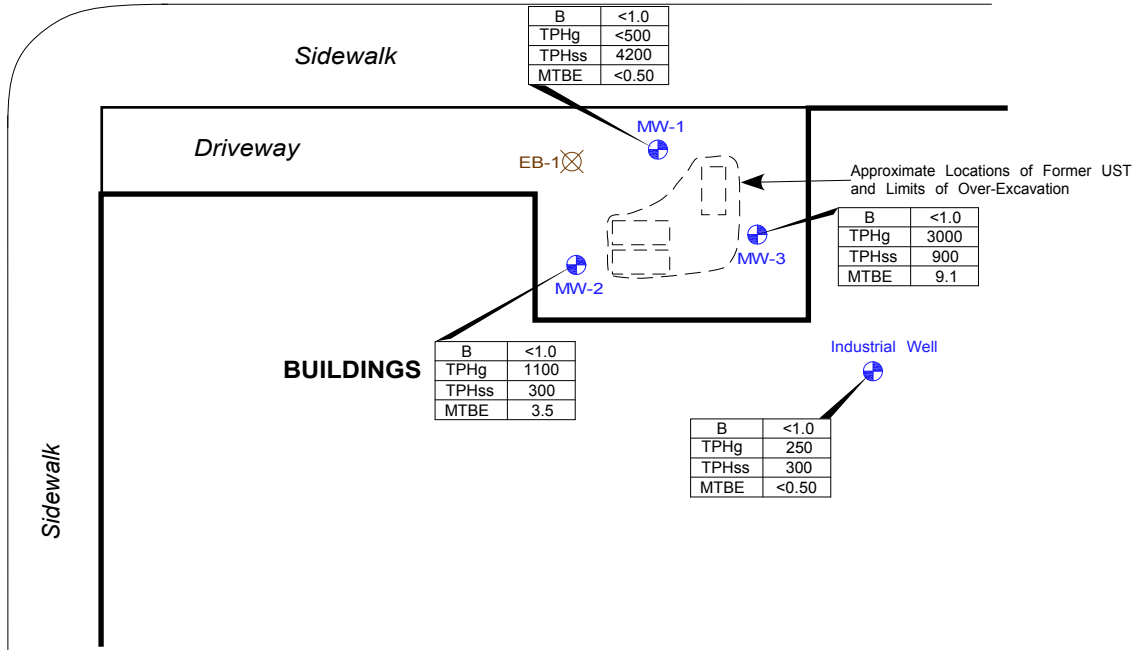
FIGURE 3
GROUNDWATER ELEVATIONS
 MAY 23, 2008

FORMER CITY OF PARIS CLEANERS
3516 ADELINE STREET
OAKLAND, CA

PROJECT NO. 051074	DRAWN BY T.B. 03/ 06/ 08	
FILE NO. City of Paris	PREPARED BY T.B.	
REVISION NO. 1	REVIEWED BY	

35TH STREET

ADELINE STREET



LEGEND

⊗ EB-1 SOIL BORING (1998)

⊕ MW-1 GROUNDWATER MONITORING WELL

B	<1.0	BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/ L)
TPHg	250	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE IN ug/ L
TPHss	300	TOTAL PETROLEUM HYDROCARBONS AS STODDARD SOLVENT IN ug/ L
MTBE	<0.50	METHYL TERTIARY BUTYL ETHER IN ug/ L

Notes:

Industrial well measured in 1995.
Base Map Source: BT Associates (1995) for approximate locations of wells.

FIGURE 4
GROUNDWATER ANALYTICAL DATA
MAY 23, 2008
FORMER CITY OF PARIS CLEANERS
3516 ADELINE STREET
OAKLAND, CA

PROJECT NO. 051074	DRAWN BY T.B. 03/ 06/ 08
FILE NO. City of Paris	PREPARED BY T.B.
REVISION NO. 1	REVIEWED BY



TABLES

SOURCE	Reference Elevation		SOURCE	Reference Elevation		SOURCE	Reference Elevation	
MW-1 ○	17.44		MW-2 △	17.31		MW-3 ●	17.44	
Dates	Water Depth	Water Elev.	Dates	Water Depth	Water Elev.	Dates	Water Depth	Water Elev.
03/22/2002	8.97	8.47	03/22/2002	8.82	8.49	03/22/2002	10.97	6.47
04/15/2003	9.23	8.21	04/15/2003	8.52	8.79	04/15/2003	8.31	9.13
03/26/2004	10.32	7.12	03/26/2004	9.32	7.99	03/26/2004	8.61	8.83
09/30/2004	11.53	5.91	09/30/2004	11.62	5.69	09/30/2004	11.1	6.34
09/09/2005	13.63	3.81	09/09/2005	12.75	4.56	09/09/2005	13.75	3.69
12/20/2007	11.51	5.93	12/20/2007	9.95	7.36	12/20/2007	10.79	6.65
05/23/2008	14.14	3.3	05/23/2008	12.46	4.85	05/23/2008	15.2	2.24

NOTES:

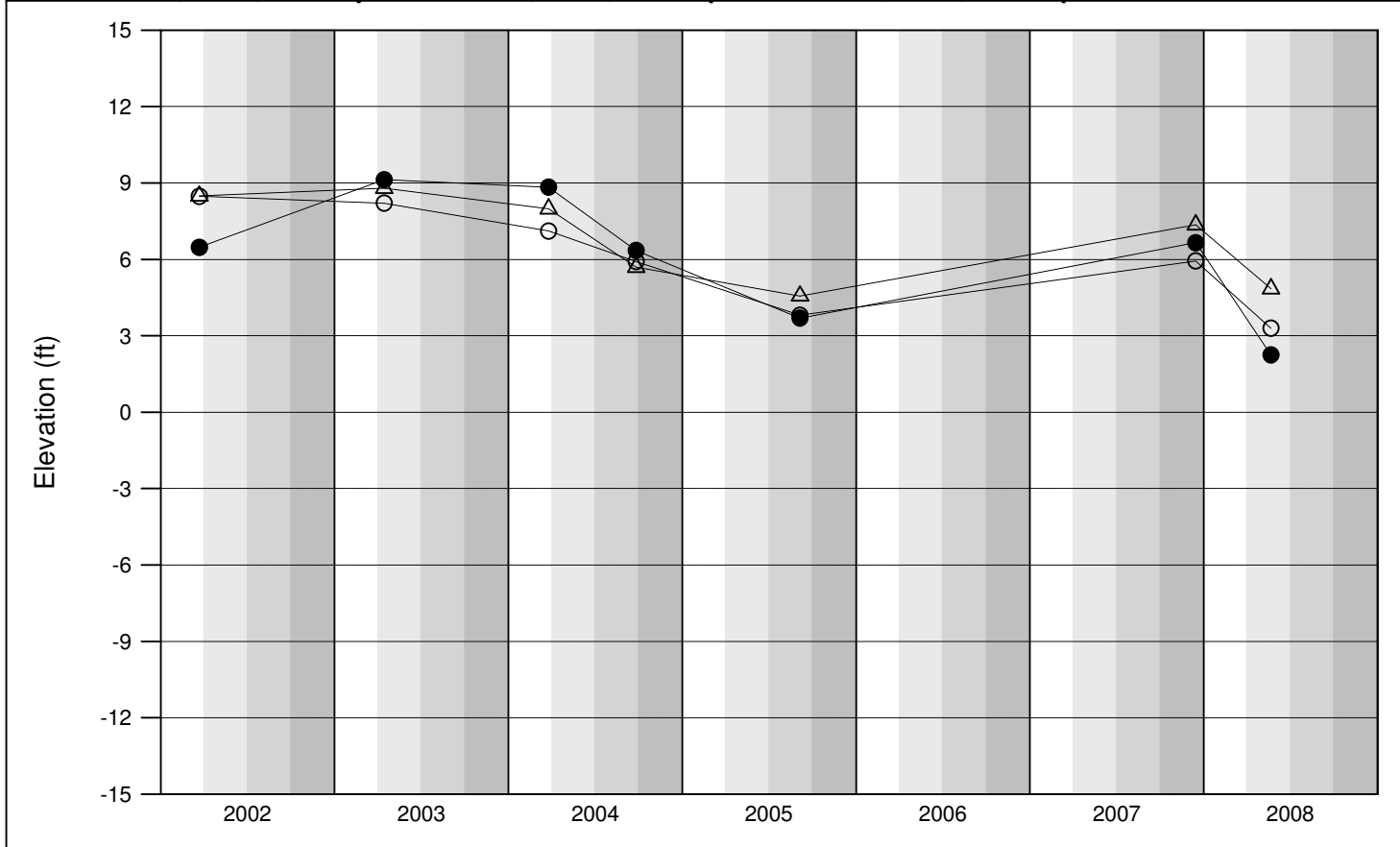


Table 1

Groundwater Elevation Data

Source Set 1 of 1

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

	TPH as Stoddard Solvent	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE
Units:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MCL:							
03/22/2002	11000	-	-	-	-	-	<5.0
04/15/2003	3900	-	<2.5	<2.5	<2.5	3	9
03/26/2004	30000	24000	<50	<50	<50	<50	<500
09/30/2004	3800	2600	<0.5	<0.5	<0.5	2.7	<5
09/09/2005	15000	11000	<5	<5	<5	15	<50
12/20/2007	45000	110000	20	50	20	100	<5
05/23/2008	4200	<500	<1.0	<1.0	<1.0	20	<0.50

SOURCE: MW-1

Sampling Dates:
03/22/2002 - 05/23/2008

NOTES:

Table 2

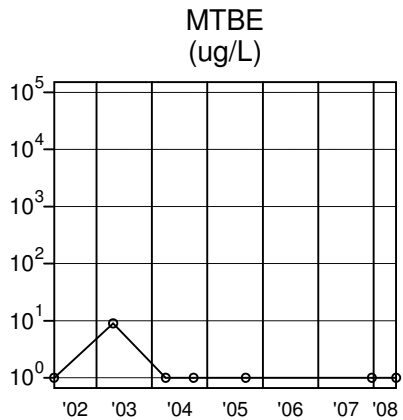
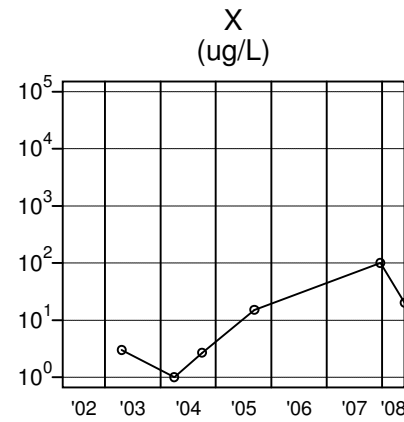
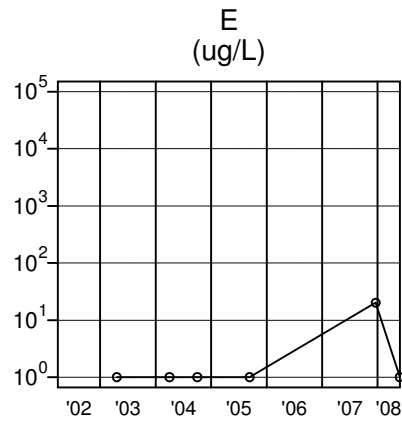
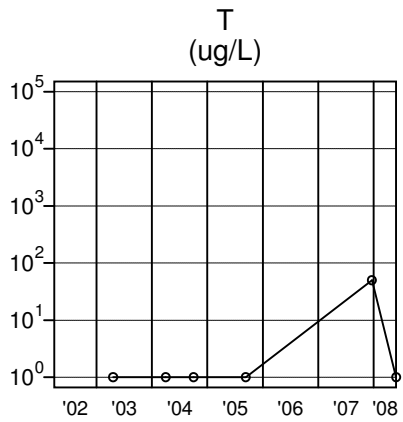
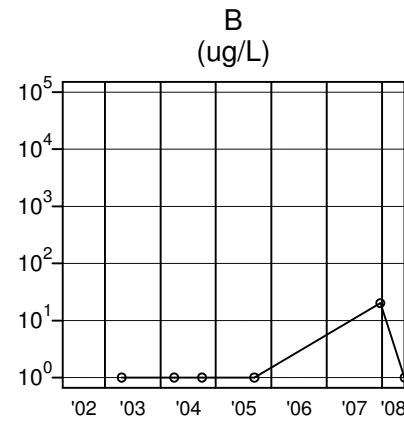
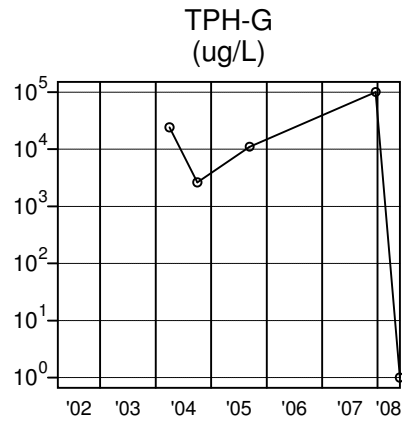
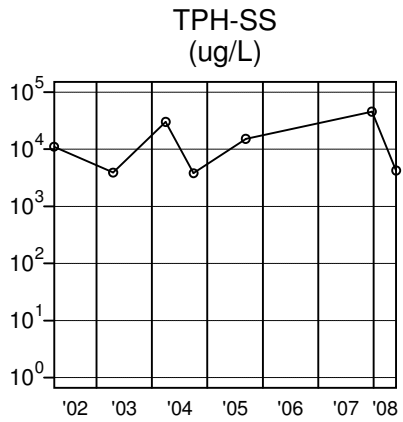
Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 1 of 4

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

SOURCE: MW-1

Sampling Dates:
03/22/2002 - 05/23/2008



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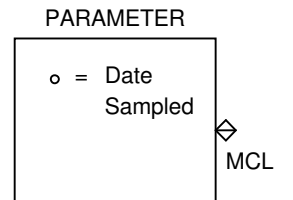


Table 2

Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 1 of 4, Graph

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

	TPH as Stoddard Solvent	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE
Units:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MCL:							
03/22/2002	170	13000	410	1000	210	1100	<5.0
04/15/2003	99	-	<0.5	<0.5	<0.5	0.76	10
03/26/2004	120	93	<0.5	<0.5	<0.5	0.76	5.4
09/30/2004	<50	<50	<0.5	<0.5	<0.5	<0.5	<5
09/09/2005	120	98	<0.5	<0.5	<0.5	<0.5	<5
12/20/2007	<50	3000	<1	1.6	<1	2.4	2.9
05/23/2008	300	1100	<1.0	<1.0	<1.0	<1.0	3.5

SOURCE: MW-2

Sampling Dates:
03/22/2002 - 05/23/2008

NOTES:

Table 2

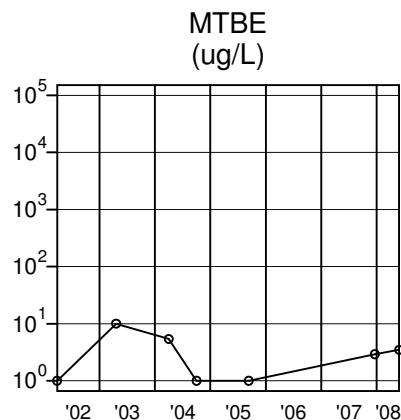
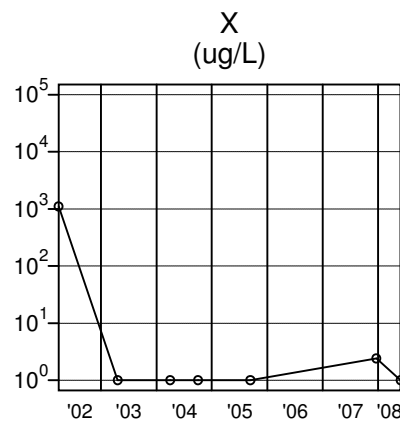
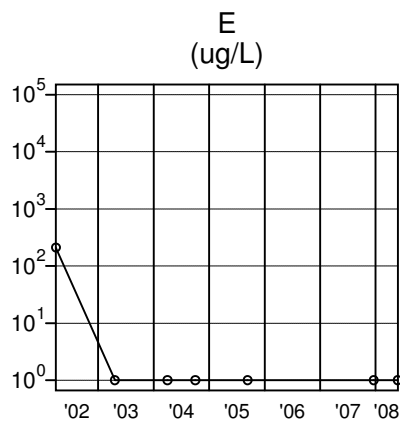
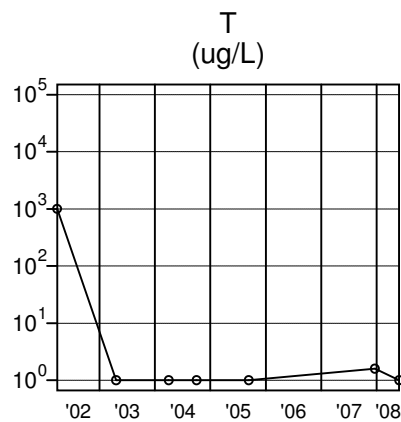
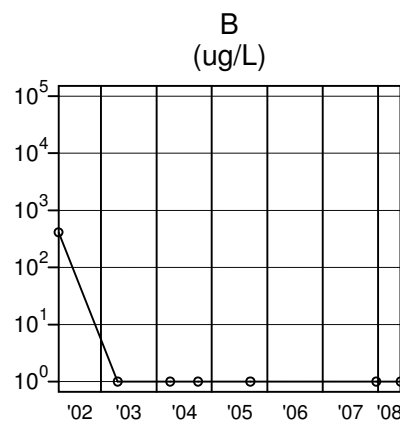
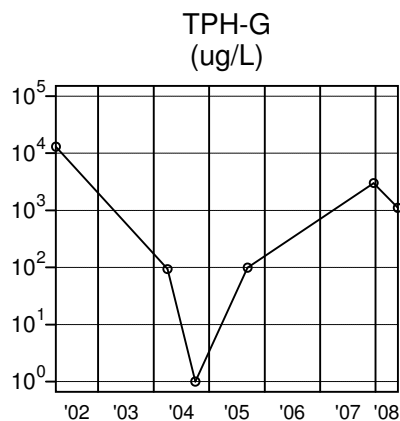
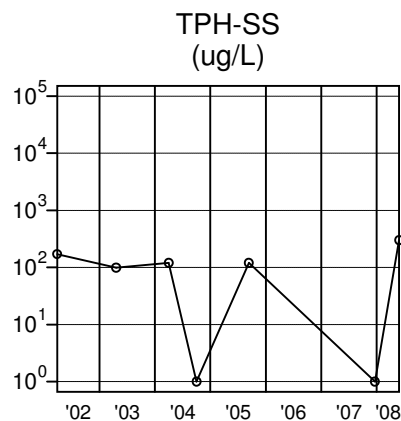
Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 2 of 4

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

SOURCE: MW-2

Sampling Dates:
03/22/2002 - 05/23/2008



LEGEND:

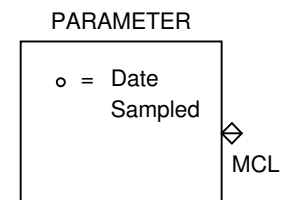


Table 2

Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 2 of 4, Graph

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

	TPH as Stoddard Solvent	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE
Units:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MCL:							
03/22/2002	420	<50	<0.5	<0.5	<0.5	<0.5	31
04/15/2003	2700	-	<0.5	<0.5	<0.5	<0.5	40
03/26/2004	2700	1900	<1.7	<1.7	<1.7	4.3	<17
09/30/2004	3900	2600	<0.5	<0.5	<0.5	3.2	<10
09/09/2005	4000	2600	<0.5	<0.5	0.57	2.7	12
12/20/2007	18000	12000	<1	1.6	1.1	2.4	9.2
05/23/2008	900	3000	<1.0	<1.0	<1.0	<1.0	9.1

SOURCE: MW-3

Sampling Dates:
03/22/2002 - 05/23/2008

NOTES:

Table 2

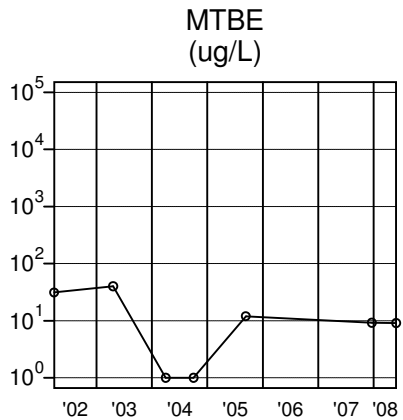
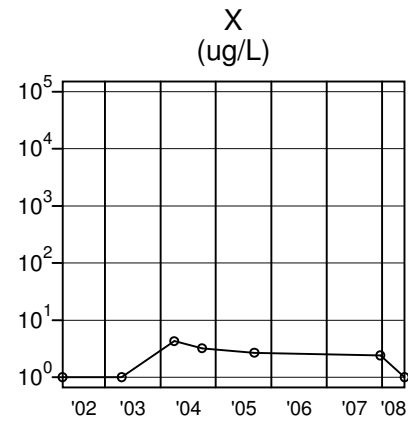
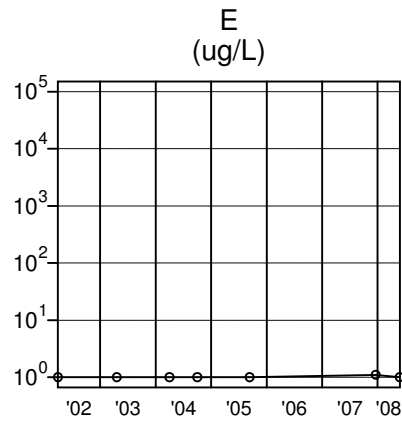
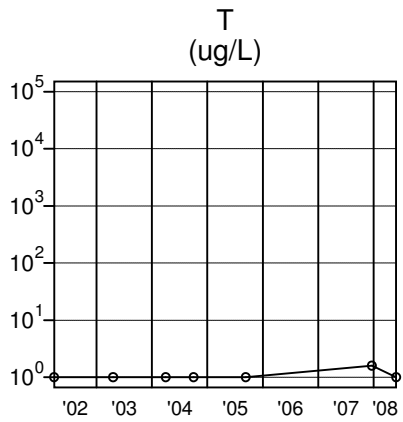
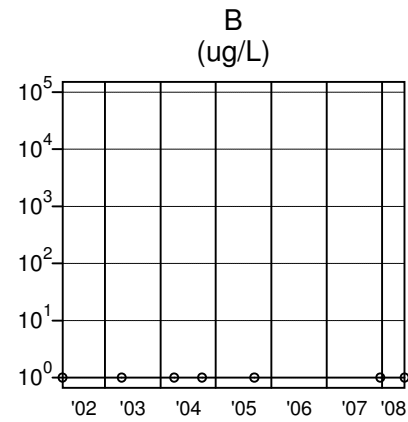
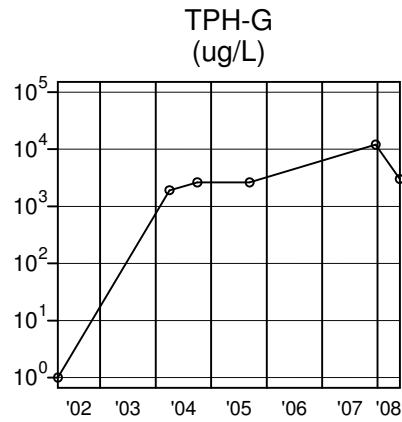
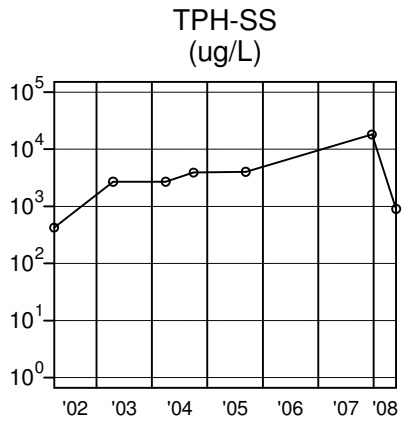
Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 3 of 4

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

SOURCE: MW-3

Sampling Dates:
03/22/2002 - 05/23/2008



LEGEND:

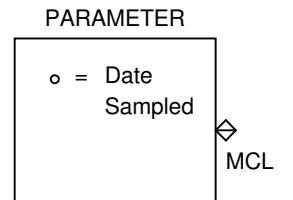


Table 2

Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 3 of 4, Graph

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

	TPH as Stoddard Solvent	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE
Units:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MCL:							
03/22/2002	<50	190	<0.5	<0.5	<0.5	0.80	<5.0
04/15/2003	-	-	-	-	-	-	-
03/26/2004	500	200	<0.5	<0.5	<0.5	<0.5	<5
09/30/2004	<50	<50	<0.5	<0.5	<0.5	<0.5	<5
09/09/2005	<50	<50	<0.5	<0.5	<0.5	<0.5	<5
12/20/2007	<50	500	<1	1	<1	2.2	<.50
05/23/2008	300	250	<1.0	3.7	<1.0	2.4	<0.50

SOURCE: W-IND

Sampling Dates:
03/22/2002 - 05/23/2008

NOTES:

Table 2

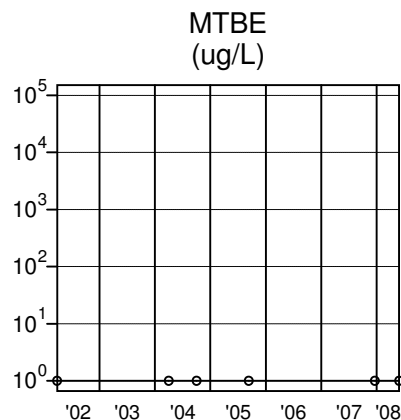
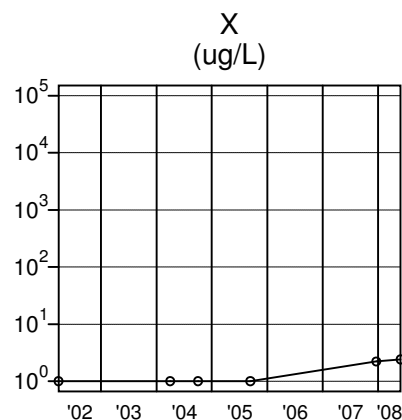
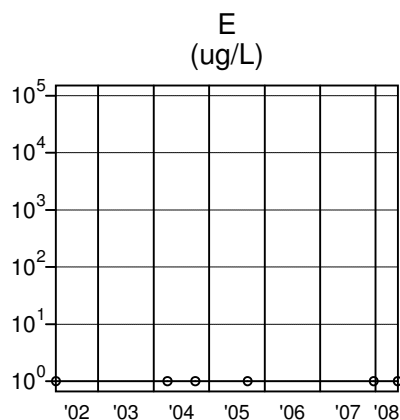
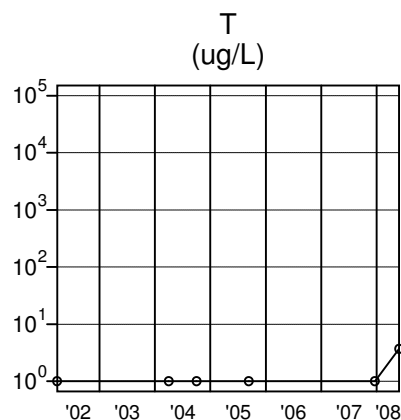
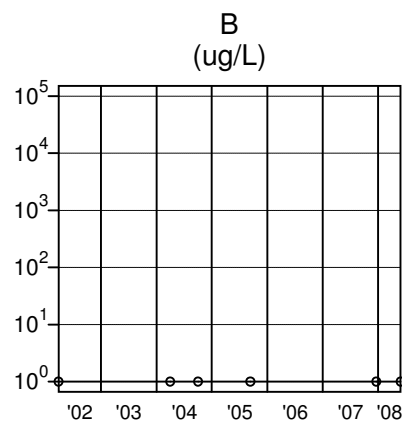
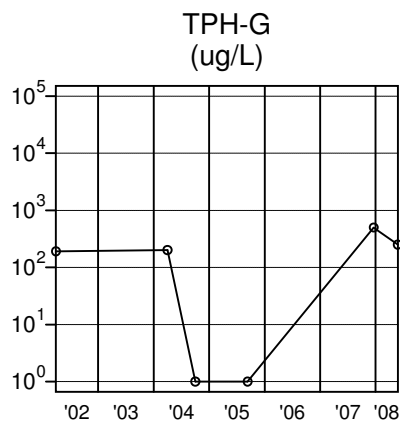
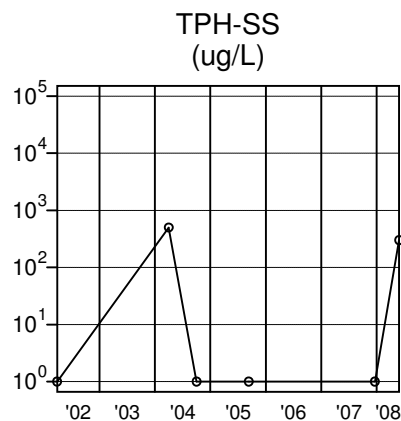
Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 4 of 4

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

SOURCE: W-IND

Sampling Dates:
03/22/2002 - 05/23/2008



LEGEND:

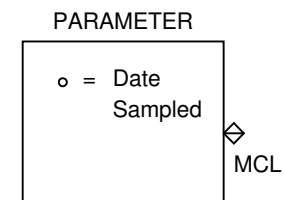


Table 2

Petroleum Hydrocarbon
Concentrations in
Groundwater
Source 4 of 4, Graph

Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA 94608

Western Resource Management
P.O. Box 8938
Citrus Heights, CA

**APPENDIX A
FIELD DATA SHEETS**

Client: Western Resources Management

Sampling Date: 5/23/08

Site: Former City of Paris Cleaners

Project No.: _____

3516 Adeline Street

Well Designation: MW-1

Oakland, CA

Is setup of traffic control devices required? NO YES time: _____ hours
 Is there standing water in the well box? NO YES Above TOC Below TOC
 Is top of casing cut level? NO YES If no, see remarks
 Is well cap sealed and locked? NO YES If no, see remarks
 Height of well casing riser (in inches): 1
 Well cover type: 8" or 12" UV _____ 12" EMCO _____ 8" or 12" BK _____ 8" Christy _____
 12" Christy _____ 8" M&D 12" M&D _____ 12" DWP _____
 12" CNI _____ 36" CNI _____ 12" Pomeco _____ Other: _____
 General condition of wellhead assembly: Excellent _____ Good Fair _____ Poor _____

Purging Equipment: _____ 2" disposable bailer _____ Submersible pump
 _____ 2" PVC bailer _____ Dedicated bailer
 _____ 4" PVC bailer Centrifugal pump
 Sampled with: Disposable bailer Teflon bailer _____ Disposable Tubing _____

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.
Initial Measurement Recharge Measurement
 Time: 11:15 Time: 12:03 Calculated purge: 7.9
 Depth of well: 27.03 Depth to water: 13.08 Actual purge: 7.5
 Depth to water: 14.14

Start purge: 11:25 Sampling time: 12:05

Time	Temperature	E.C.	pH	Turbidity	Volume
11:26	20.5	1382	6.97		1
11:27	20.6	1447	6.97		2
11:28	20.7	1528	6.95		3

Sample appearance: clear Lock: M

Equipment replaced: (check all that apply) Note condition of replaced item(s)
 2" Locking Cap: _____ Lock: _____ 7/32 Allenhead: _____
 4" Locking Cap: _____ Lock-Dolphin: _____ 9/16 Bolt: _____
 6" Locking Cap: _____ Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

Client: Western Resources Management
 Site: Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA

Sampling Date: 5/23/08
 Project No.: _____
 Well Designation: MW-2

Is setup of traffic control devices required? NO YES
 Is there standing water in the well box? NO YES
 Is top of casing cut level? NO YES
 Is well cap sealed and locked? NO YES
 Height of well casing riser (in inches): 0
 Well cover type: 8" or 12" UV _____ 12" EMCO _____ 8" or 12" BK _____ 8" Christy _____
 12" Christy _____ 8" M&D _____ 12" M&D _____ 12" DWP _____
 12" CNI _____ 36" CNI _____ 12" Pomeco _____ Other: _____
 General condition of wellhead assembly: Excellent _____ Good Fair _____ Poor _____

Purging Equipment: _____ 2" disposable bailer _____ Submersible pump
 _____ 2" PVC bailer _____ Dedicated bailer
 _____ 4" PVC bailer _____ Centrifugal pump
 Sampled with: Disposable bailer Teflon bailer _____ Disposable Tubing _____

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.
Initial Measurement Recharge Measurement
 Time: 11:20 Time: 12:13 Calculated purge: 8.1
 Depth of well: 2926 Depth to water: 1308 Actual purge: 8.5
 Depth to water: 1246

Start purge: 11:39 Sampling time: 12:15

Time	Temperature	E.C.	pH	Turbidity	Volume
11:38	223	1636	7.6		1
11:39	224	1648	7.6		2
11:40	226	1653	7.04		3

Sample appearance: clear Lock: NW

Equipment replaced: (check all that apply) Note condition of replaced item(s)
 2" Locking Cap: _____ Lock: _____ 7/32 Allenhead: _____
 4" Locking Cap: _____ Lock-Dolphin: _____ 9/16 Bolt: _____
 6" Locking Cap: _____ Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

Client: Western Resources Management

Sampling Date: 5/23/04

Site: Former City of Paris Cleaners

Project No.: _____

3516 Adeline Street

Well Designation: MW-3

Oakland, CA

Is setup of traffic control devices required? NO YES time: _____ hours
 Is there standing water in the well box? NO YES Above TOC _____ Below TOC
 Is top of casing cut level? NO YES If no, see remarks
 Is well cap sealed and locked? NO YES If no, see remarks
 Height of well casing riser (in inches): 1
 Well cover type: 8" or 12" UV _____ 12" EMCO _____ 8" or 12" BK _____ 8" Christy _____
 12" Christy _____ 8" M&D _____ 12" M&D _____ 12" DWP _____
 12" CNI _____ 36" CNI _____ 12" Pomeco _____ Other: _____
 General condition of wellhead assembly: Excellent _____ Good _____ Fair _____ Poor _____

Purging Equipment: _____ 2" disposable bailer _____ Submersible pump
 _____ 2" PVC bailer _____ Dedicated bailer
 _____ 4" PVC bailer _____ Centrifugal pump
 Sampled with: Disposable bailer Teflon bailer _____ Disposable Tubing _____

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier: 0.16 _____ 0.65 _____ 1.47 _____ 2.61 gal/ft.
Initial Measurement Recharge Measurement
 Time: 11:18 Time: 12:23 Calculated purge: 8.9
 Depth of well: 29.48 Depth to water: 15.81 Actual purge: 9.0
 Depth to water: 152079

Start purge: 11:45 Sampling time: 12:25

Time	Temperature	E.C.	pH	Turbidity	Volume
1146	20.9	1663	6.86		1
1147	21.2	1094	6.84		2
1148	21.5	1680	6.82		3

Sample appearance: clear Lock: NA

Equipment replaced: (check all that apply) Note condition of replaced item(s)
 2" Locking Cap: _____ Lock: _____ 7/32 Allenhead: _____
 4" Locking Cap: _____ Lock-Dolphin: _____ 9/16 Bolt: _____
 6" Locking Cap: _____ Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____

Client: Western Resources Management

Sampling Date: 5/23/08

Site: Former City of Paris Cleaners

Project No.: _____

3516 Adeline Street

Well Designation: IW-

Oakland, CA

Is setup of traffic control devices required? NO YES time: _____ hours
 Is there standing water in the well box? NO YES Above TOC _____ Below TOC
 Is top of casing cut level? NO YES If no, see remarks
 Is well cap sealed and locked? NO YES If no, see remarks
 Height of well casing riser (in inches): 1
 Well cover type: 8" or 12" UV _____ 12" EMCO _____ 8" or 12" BK _____ 8" Christy _____
 12" Christy _____ 8" M&D 12" M&D _____ 12" DWP _____
 12" CNI _____ 36" CNI _____ 12" Pomeco _____ Other: _____
 General condition of wellhead assembly: Excellent _____ Good Fair _____ Poor _____

Purging Equipment: _____ 2" disposable bailer _____ Submersible pump
 _____ 2" PVC bailer _____ Dedicated bailer
 _____ 4" PVC bailer _____ Centrifugal pump
 Sampled with: Disposable bailer Teflon bailer _____ Disposable Tubing _____

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier: 0.16 _____ 0.65 _____ 1.47 _____ 2.61 gal/ft.
Initial Measurement Recharge Measurement
 Time: 11:20 Time: 12:33 Calculated purge: 10.1
 Depth of well: 32.85 Depth to water: 12.41 Actual purge: 10.5
 Depth to water: 12.92

Start purge: 11:54 Sampling time: 12:35

Time	Temperature	E.C.	pH	Turbidity	Volume
11:55	20.7	1094	7.68		1
11:56	20.4	1090	7.60		2
11:57	20.3	1053	7.52		5

Sample appearance: clear Lock: NA

Equipment replaced: (check all that apply) Note condition of replaced item(s)
 2" Locking Cap: _____ Lock: _____ 7/32 Allenhead: _____
 4" Locking Cap: _____ Lock-Dolphin: _____ 9/16 Bolt: _____
 6" Locking Cap: _____ Pinned Allenhead (DWP): _____

Remarks: _____

Signature: _____



Project Contact (Hardcopy or PDF To): Tom Ballard (to email address's)	California EDF Report? <input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No	Chain-of-Custody Record and Analysis Request
---	---	---

Company / Address: P.O. Box 8938, Citrus Heights, Ca 95621	Sampling Company Log Code: WRMC	Analysis Request	TAT
---	------------------------------------	-------------------------	-----

Phone #: 916-729-1760	Fax #: 916-313-3439	EDF Deliverable To (Email Address): EDF@WesternResourceMgmt.com
Project #: 51074	P.O. #:	please email a copy to: SNessler@WesternResourceMgmt.com
Project Name: GMR CityOfParis		Sampler Signature:

Sample ID	Field Point Name	Sampling		Container				Preservative			Matrix			MTBE/BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TPH-SS Stoddard Solvents		
		Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil												Air
MW-1	MW-1	5/23/08	1205	4		1					X				X	X									<input type="checkbox"/>
MW-2	MW-2	5/23/08	1215	4		1					X				X	X									<input type="checkbox"/>
MW-3	MW-3	5/23/08	1225	4		1					X				X	X									<input type="checkbox"/>
W-IND	W-IND	5/23/08	1235	4		1					X				X	X									<input checked="checked" type="checkbox"/>
																									<input type="checkbox"/>
																									<input type="checkbox"/>

Relinquished by: 	Date: 5/27/08	Time: 14:10	Received by: 	Remarks: please save file(s), PDF's, EDF & XLS name as: sample date_year_month_day_project name_WO# EXAMPLE: 2008_04_28_GMR_CityOfParis_18495 Bill to: Accounting@WesternResourceMgmt.com
Relinquished by:	Date:	Time:	Received by:	
Relinquished by:	Date:	Time:	Received by Laboratory:	For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time

DOULOS ENVIRONMENTAL, INC.
Groundwater/Liquid Level Data
(Measurements in feet)

Project Address: Former City of Paris Cleaners
3516 Adeline Street
Oakland, CA

Date: 5/23/08

Project: _____

Recorded by: Jerry

Well No.	Time	Well Elev. TOC	Depth to Groundwater	Measured Total Depth	Groundwater Elevation	Depth to Product	Product Thickness	Comments
MW-1	11:15		14.74	29.03				
MW-2	11:23		12.46	29.36				
MW-3	11:18		15.20	29.48				
IW	11:20		12.72	32.45				

Notes:

APPENDIX B
LABORATORY REPORTS

Mr Ballard
Western Resource Management
P.O. Box 8738
Citrus Heights, CA 95621

Client	Western Resource Management
Workorder	18491 GMR_CityOfParis
Received	05/27/08

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

- DUP - Matrix Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- LCS - Lab Control Sample
- LCSD - Lab Control Sample Duplicate
- RPD - Relative Percent Difference
- QC - Additional Quality Control
- DIL - Results from a diluted sample
- ND - None Detected
- RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.



Ray James
Laboratory Director

Mr Ballard
Western Resource Management
P.O. Box 8738
Citrus Heights, CA 95621

Workorder 18491

Enclosed are the results from samples received on May 27, 2008.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18491001	MW-1, Water	05/23/08	8015M TPHgas 8015M TPHstod 8260B MTBEBTEX
18491002	MW-2, Water	05/23/08	8015M TPHgas 8015M TPHstod 8260B MTBEBTEX
18491003	MW-3, Water	05/23/08	8015M TPHgas 8015M TPHstod 8260B MTBEBTEX
18491004	W-IND, Water	05/23/08	8015M TPHgas 8015M TPHstod 8260B MTBEBTEX

Test Certificate of Analysis

Client ID Western Resource Management
Workorder # 18491

Workorder ID GMR_CityOfParis

Laboratory ID 18491001
Sample ID MW-1
Matrix Water

Sampled 05/23/08
Received 05/27/08
Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas ¹	8015M TPHgas	05/29/08	05/29/08	ND	500	ug/L	1:10
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	ND	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	20	1.0	ug/L	1:1

Surrogates

Surrogate	Result	Recovery	Limits
Trifluorotoluene	15 ug/L	75 %	(70 - 130)

¹ - Non-typical TPH pattern present in gas range.

Laboratory ID 18491001
Sample ID MW-1
Matrix Water

Sampled 05/23/08
Received 05/27/08
Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	4200	50	ug/L	1:1

Test Certificate of Analysis

Client ID Western Resource Management
Workorder # 18491

Workorder ID GMR_CityOfParis

Laboratory ID 18491002
Sample ID MW-2
Matrix Water

Sampled 05/23/08
Received 05/27/08
Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas ¹	8015M TPHgas	05/29/08	05/29/08	1100	50	ug/L	1:1
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	3.5	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1

Surrogates

Surrogate	Result	Recovery	Limits
Trifluorotoluene	16 ug/L	80 %	(70 - 130)

¹ - Non-typical TPH pattern present in gas range.

Laboratory ID 18491002
Sample ID MW-2
Matrix Water

Sampled 05/23/08
Received 05/27/08
Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	300	50	ug/L	1:1

Test Certificate of Analysis

Client ID Western Resource Management
 Workorder # 18491

Workorder ID GMR_CityOfParis

Laboratory ID 18491003 Sampled 05/23/08
 Sample ID MW-3 Received 05/27/08
 Matrix Water Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas ¹	8015M TPHgas	05/29/08	05/29/08	3000	50	ug/L	1:1
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	9.1	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1

Surrogates

Surrogate	Result	Recovery	Limits
Trifluorotoluene	16 ug/L	80 %	(70 - 130)

¹ - Non-typical TPH pattern present in gas range.

Laboratory ID 18491003 Sampled 05/23/08
 Sample ID MW-3 Received 05/27/08
 Matrix Water Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	900	50	ug/L	1:1

Test Certificate of Analysis

Client ID Western Resource Management
Workorder # 18491

Workorder ID GMR_CityOfParis

Laboratory ID 18491004
Sample ID W-IND
Matrix Water

Sampled 05/23/08
Received 05/27/08
Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas ¹	8015M TPHgas	05/29/08	05/29/08	250	50	ug/L	1:1
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	ND	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	3.7	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	2.4	1.0	ug/L	1:1

Surrogates
Trifluorotoluene

Result 15 ug/L
Recovery 75 %
Limits (70 - 130)

¹ - Non-typical TPH pattern present in gas range.

Laboratory ID 18491004
Sample ID W-IND
Matrix Water

Sampled 05/23/08
Received 05/27/08
Reported 06/10/08

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	300	50	ug/L	1:1

Method Blank Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86540
Sample ID MB for HBN 348250 [VGXV/2928]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M TPHgas	05/29/08	05/29/08	ND	50	ug/L	1:1
Surrogates	Result	Recovery	Limits				
Trifluorotoluene	14.3 ug/L	72 %	(70 - 130)				

Lab Control Sample Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86541
Sample ID LCS for HBN 348250 [VGXV/2928]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M TPHgas	05/29/08	05/29/08	955	50	ug/L	1:1

Lab Control Sample Duplicate Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86542
Sample ID LCSD for HBN 348250 [VGXV/2928]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M TPHgas	05/29/08	05/29/08	1020	50	ug/L	1:1

Matrix Spike Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86543
Sample ID MS for HBN 348250 [VGXV/2928]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
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Matrix Spike Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86543
Sample ID MS for HBN 348250 [VGXV/2928]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
TPHgas	8015M TPHgas	05/29/08	05/29/08	903	50	ug/L	1:1

Matrix Spike Duplicate Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86544
Sample ID MSD for HBN 348250 [VGXV/2928]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M TPHgas	05/29/08	05/29/08	1060	50	ug/L	1:1

Method Blank Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86560
Sample ID MB for HBN 348262 [VMXV/3004]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	ND	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	53 ug/L	106 %	(65 - 135)

Lab Control Sample Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86561
Sample ID LCS for HBN 348262 [VMXV/3004]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	44	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	48	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	48	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	50	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	143	1.0	ug/L	1:1

Lab Control Sample Duplicate Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86562
Sample ID LCSD for HBN 348262 [VMXV/3004]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	45	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	51	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	51	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	52	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	151	1.0	ug/L	1:1

Matrix Spike Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86563
Sample ID MS for HBN 348262 [VMXV/3004]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	42	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	48	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	49	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	50	1.0	ug/L	1:1

Matrix Spike Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86563
Sample ID MS for HBN 348262 [VMXV/3004]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
<i>(continued)</i>							
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	145	1.0	ug/L	1:1

Matrix Spike Duplicate Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86564
Sample ID MSD for HBN 348262 [VMXV/3004]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B MTBEBTEX	06/02/08	06/02/08	43	0.50	ug/L	1:1
Benzene	8260B MTBEBTEX	06/02/08	06/02/08	50	1.0	ug/L	1:1
Toluene	8260B MTBEBTEX	06/02/08	06/02/08	51	1.0	ug/L	1:1
Ethylbenzene	8260B MTBEBTEX	06/02/08	06/02/08	52	1.0	ug/L	1:1
Xylene, Total	8260B MTBEBTEX	06/02/08	06/02/08	150	1.0	ug/L	1:1

Method Blank Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86590
Sample ID MB for HBN 348358 [SGXV/2493]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	ND	50	ug/L	1:1

Lab Control Sample Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86591
Sample ID LCS for HBN 348358 [SGXV/2493]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	870	50	ug/L	1:1

Lab Control Sample Duplicate Report

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
Laboratory ID 86592
Sample ID LCSD for HBN 348358 [SGXV/2493]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015M TPHstod	05/29/08	06/09/08	860	50	ug/L	1:1

QC SUMMARY

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
QC Batch VGX 3042
Matrix Water

Original Samples 18487002
 Matrix Spike [86543]
 Matrix Spike Duplicate [86544]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	90	106	(65-135)	16	(20 MAX)

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
QC Batch VMX 3048
Matrix Water

Original Samples 18487002
 Matrix Spike [86563]
 Matrix Spike Duplicate [86564]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Methyl-tert-butyl-ether	84	86	(65-135)	2.4	(20 MAX)
Benzene	96	100	(65-135)	4.1	(20 MAX)
Toluene	98	102	(65-135)	4.0	(20 MAX)
Ethylbenzene	100	104	(65-135)	3.9	(20 MAX)
Xylene, Total	97	100	(65-135)	3.0	(20 MAX)

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
QC Batch VGX 3042
Matrix Water

Samples Lab Control Sample [86541]
 Lab Control Sample Duplicate [86542]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	96	102	(65-135)	6.1	(20 MAX)

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
QC Batch VMX 3048
Matrix Water

Samples Lab Control Sample [86561]
 Lab Control Sample Duplicate [86562]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
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QC SUMMARY

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
QC Batch VMX 3048
Matrix Water

Samples Lab Control Sample [86561]
 Lab Control Sample Duplicate [86562]
 (continued)

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Methyl-tert-butyl-ether	88	90	(65-135)	2.2	(20 MAX)
Benzene	96	102	(65-135)	6.1	(20 MAX)
Toluene	96	102	(65-135)	6.1	(20 MAX)
Ethylbenzene	100	104	(65-135)	3.9	(20 MAX)
Xylene, Total	95	101	(65-135)	6.1	(20 MAX)

Client ID Western Resource Management
Workorder ID GMR_CityOfParis
QC Batch SGX 2524
Matrix Water

Samples Lab Control Sample [86591]
 Lab Control Sample Duplicate [86592]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Stoddard Solvent	87	86	(65-135)	1.2	(20 MAX)



Project Contact (Hardcopy or PDF To): Tom Ballard (to email address's)			California EDF Report? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Chain-of-Custody Record and Analysis Request																																						
Company / Address: P.O. Box 8938, Citrus Heights, Ca 95621			Sampling Company Log Code: WRMC				Analysis Request										TAT																												
Phone #: 916-729-1760		Fax #: 916-313-3439		Global ID: T0600100379				<table border="1"> <tr> <td>MTBE/TEX (EPA 8260B)</td> <td>TPH Gas (EPA 8015)</td> <td>5 Oxygenates (EPA 8260B)</td> <td>Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)</td> <td>Volatile Organics Full List (EPA 8260B)</td> <td>TPH as Diesel (EPA 8015M)</td> <td>TPH as Motor Oil (EPA 8015M)</td> <td>Total Lead (EPA 6010)</td> <td>WET Lead (STLC)</td> <td>TPH-SS Standard Solvents</td> </tr> </table>										MTBE/TEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	WET Lead (STLC)	TPH-SS Standard Solvents	<input type="checkbox"/> 12 hr																	
MTBE/TEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)											WET Lead (STLC)	TPH-SS Standard Solvents																										
Project #: 51074			EDF Deliverable To (Email Address): EDF@WesternResourceMgmt.com			<input type="checkbox"/> 24 hr																																							
Project Name: GMR CityOfParis			please email a copy to: SNesseler@WesternResourceMgmt.com			<input type="checkbox"/> 48 hr																																							
Project Address: 3514 Adeline St. Oakland, CA			Sampler Signature:			<input type="checkbox"/> 72 hr																																							
Sample ID	Field Point Name	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO₃	None	Water	Soil	Air											<input checked="" type="checkbox"/> 1 wk																				
MW-1	MW-1	5/20/08	12:05	4					X			X																																	
MW-2	MW-2	1	12:15	4					X			X										X																							
MW-3	MW-3	1	12:25	4					X			X										X																							
W-IND	W-IND	1	12:35	4					X			X										X																							
Relinquished by: _____			Date: 5/27/08		Time: 14:10		Received by: <i>[Signature]</i>					Remarks: please save file(s), PDF's, EDF & XLS name as: sample date_year_month_day_project name_WC#																																	
Relinquished by: _____			Date: _____		Time: _____		Received by: _____					EXAMPLE: 2008_04_28_GMR_CityOfParis_18495 Bill to: Accounting@WesternResourceMgmt.com																																	
Relinquished by: _____			Date: _____		Time: _____		Received by Laboratory: _____					For Lab Use Only: Sample Receipt																																	
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